OHM Remediation Services Corp.
3347 Michelson Drive, Suite 200
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A Member of The IT Group

the IT group

June 7, 1999

M60050.002460
MCAS EL TORO
SSIC #5090.3

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

Attn: Ms. Lynn Marie Hornecker

Subject: **Update of SVE Analytical Results for the SVE Well Testing at Site 24**
Contract N68711-93-D-1459, Delivery Order 065, Doc. Control No. SW 6817
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. Attached package has analytical data for SVE Wells 24SVE2 (long term) and 24 SVE13 (long term).

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

Should you have any questions or comments, please feel free to contact either of the undersigned at (949) 261-6441.

Sincerely,
OHM Remediation Services Corporation

Dhananjay Rawal
Project Engineer

William Sedlak, P.E.
Project Manager

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

Attachments: 24SVE2 and 24SVE13 analytical data

PMO LETTER OF TRANSMITTAL

To: Teresa Estudillo
San Diego PMO Office

Date: 6/7/99

Submitted by: D. Rawal

Phone/Extension Number 7576

Office Location: [X] Irvine [ ] San Diego [ ] Pleasanton [ ] Other

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DOCUMENT DESCRIPTION: Update of SVE Analytical Results, 24-SVE2 & 24SVE13 Analytical data.

[ ] Preliminary Draft [ ] Draft [ ] Final [ ] Other

DELIVERY DATE 6/8/99

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Crispin Wappike	EarthTech	1C/1E		U	
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OHM Remediation Services Corp.
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OHM TRANSMITTAL/DELIVERABLE RECEIPT

CONTRACT N68711-93-D-1459 **DOCUMENT CONTROL NO: SW6817**

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: 08-Jun-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 June 7, 1999***

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

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M60050.002460
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

24SVE2 (Long Term)	Sample Number	18708-937	18708-938	18708-939	18708-940	18708-941	18708-942	18708-943	18708-944	18708-945	18708-946
	Date Sampled	4/21/99	4/21/99	4/21/99	4/21/99	4/21/99	4/21/99	4/21/99	4/21/99	4/21/99	4/21/99
	Sample Location	Piezometer	Ambient	Inf - 1 hour	Mid 1 - 1 hour	Eff - 1 hour	Ambient	Inf - 4 hour	Inf - 4 hour (DUP)	Mid 1 - 1 hour	Eff - 4 hour
Analytes	Unit										
1,1-Dichloroethene	ppb (ug/L)	ND	ND	5600 (22)	ND	ND	ND	8500 (34)	8700 (35)	ND	2.85 (0.01)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	ND	ND	1400 (11)	9.91 (0.08)	ND	ND	1900 (15)	2000 (16)	ND	3.05 (0.02)
Acetone	ppb (ug/L)	17J (0.04J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	3.7 (0.013)	ND	ND	2.23 (0.008)	2.14 (0.007)
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	ND	ND	23000 (120)	3.59 (0.02)	6.78 (0.04)	ND	37000 (200)	37000 (200)	17.12 (0.09)	14.59 (0.08)
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)	ND	ND	460 (3.1)	ND	ND	ND	770 (5.2)	760 (5.1)	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
1,1,1-Trichloroethane	ppb (ug/L)	ND	ND	ND	11.35 (0.02)	5.07 (0.03)	ND	ND	ND	ND	ND
m/p-Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-ethyl toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

24SVE2 (Long Term)	Sample Number	18708-947	18708-948	18708-949	18708-950	18708-951	18708-952	18708-953	18708-954	18708-955	18708-956
	Date Sampled	4/22/99	4/22/99	4/22/99	4/22/99	4/23/99	4/23/99	4/23/99	4/23/99	4/23/99	4/26/99
	Sample Location	Ambient	Inf - 24 hour	Mid 1 - 24 hour	Eff - 24 hour	Ambient	Inf - 48 hour	Inf - 48 hour (DUP)	Mid 1 - 48 hour	Eff - 48 hour	Ambient
Analytes	Unit										
1,1-Dichloroethene	ppb (ug/L)	3.58 (0.014)	7396.3 (29.3)	ND	ND	ND	6400 (25)	6400 (25)	2.7 (0.01)	2.6 (0.01)	2.65 (0.0105)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	ND	1429.8 (10.9)	7.14 (0.055)	ND	ND	1200 (9.4)	1300 (9.6)	6.7 (0.05)	ND	ND
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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)	144.4 (0.78)	32009.7 (171.7)	59.2 (0.32)	13.01 (0.07)	ND	32000 (170)	31000 (170)	110 (0.61)	35 (0.19)	116.96 (0.627)
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)	5.3 (0.04)	645.37 (4.4)	3.35 (0.023)	ND	ND	620 (4.2)	600 (4.0)	4.5 (0.03)	ND	6.14 (0.0416)
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
1,1,1-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-ethyl toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

24SVE2 (Long Term)	Sample Number	18708-957	18708-958	18708-959	18708-1017	18708-1018	18708-1019	18708-1020	18708-1021	18708-1053
	Date Sampled	4/26/99	4/26/99	4/26/99	4/29/99	4/29/99	4/29/99	4/29/99	4/29/99	5/6/99
	Sample Location	Inf - 5 day	Mid 1 - 5 day	Eff - 5 day	Ambient	Inf - 7 day	Inf - 7 day (DUP)	Mid 1 - 7 day	Eff - 7 day	Ambient
Analytes	Unit									
1,1-Dichloroethene	ppb (ug/L)	5264.92 (20.83)	ND	5.26 (0.0208)	ND	4159.98 (16.461)	4126.74 (16.3295)	ND	3.4 (0.0134)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	929.49 (7.1087)	12.83 (0.0981)	5.01 (0.0383)	ND	748.25 (5.7226)	764.02 (5.8432)	7.05 (0.0539)	2.93 (0.0224)	ND
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ppb (ug/L)	ND	2.14 (0.0074)	3.84 (0.0133)	2.1 (0.0073)	ND	ND	2.9 (0.0101)	2.38 (0.0082)	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	26896.05 (144.24)	37.67 (0.2020)	12.19 (0.0654)	ND	22209.4 (119.109)	22617.61 (121.2983)	37.02 (0.1985)	33.78 (0.1812)	ND
Toluene	ppb (ug/L)	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
Tetrachloroethene	ppb (ug/L)	543.43 (3.679)	ND	ND	2.8 (0.019)	440.38 (2.9809)	432.75 (2.9293)	4.39 (0.0297)	3.86 (0.0261)	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	4.41 (0.0191)
4-ethyl toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	2.08 (0.0102)
1,2,4-Trimethylbenzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	2.96 (0.0145)

24SVE2 (Long Term)	Sample Number	18708-1054	18708-1055	18708-1056	18708-1057	18708-1073	18708-1074	18708-1075	18708-1076
	Date Sampled	5/6/99	5/6/99	5/6/99	5/6/99	5/13/99	5/13/99	5/13/99	5/13/99
	Sample Location	Inf - 14 days	Inf - 14 days (DUP)	Mid 1 - 14 days	Eff - 14 days	Ambient	Inf - 21 days	Mid 1- 21 days	Eff - 21 days
Analytes	Unit								
1,1-Dichloroethene	ppb (ug/L)	3800.29 (15.0377)	3549.88 (14.0469)	4.02 (0.0159)	3.88 (0.0154)	ND	3389.42 (13.4119)	ND	4.66 (0.0184)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	797.18 (6.0968)	722.4 (5.5249)	7.62 (0.05683)	3.05 (0.0234)	ND	654.19(5.0032)	9.69 (0.0741)	3.38 (0.0258)
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	18453.63 (98.9668)	15297.59 (82.0410)	100.68 (0.54)	33.77 (0.1811)	ND	17294.29 (92.7493)	24.98 (0.1340)	21.49 (0.1153)
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	438.38 (2.9674)	342.96 (2.3215)	5.14 (0.0348)	ND	ND	417.68 (2.8273)	ND	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
4-ethyl toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND

24SVE2 (Long Term)	Sample Number	18708-1081	18708-1082	18708-1083	18708-1084	18708-1085	18708-1110	18708-1111	18708-1112
	Date Sampled	5/20/99	5/20/99	5/20/99	5/20/99	5/20/99	5/27/99	5/27/99	5/27/99
	Sample Location	Ambient	Inf - 28 days	Inf - 28 days (DUP)	Mid 1 - 28 days	Eff - 28 days	Ambient	Inf - 35 days	Mid 1 - 35 days
Analytes	Unit								
1,1-Dichloroethene	ppb (ug/L)	ND	3263.09 (12.912)	3460.08 (13.6915)	ND	4.82 (0.0191)	ND	2551.2 (10.0951)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	ND	709.23 (5.4242)	718.54 (5.4954)	12.01 (0.0919)	4.26 (0.0326)	ND	558.1 (4.2683)	16.42 (0.1256)
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	65.04 (0.3488)	17762.59 (95.2608)	17475.91 (93.7233)	18.93 (0.1015)	11.46 (0.0614)	ND	14598.63 (78.2925)	ND
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	3.16 (0.0214)	336.47 (2.2776)	449.81 (3.0448)	ND	ND	ND	307.85 (2.0838)	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
4-ethyl toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND

24SVE2 (Long Term)

	Sample Number	18708-1113					
	Date Sampled	5/27/99	6/3/99	6/3/99	6/3/99	6/3/99	6/3/99
	Sample Location	Eff - 35 days	Ambient	Inf - 42 days	Inf - 42 days (DUP)	Mid 1- 42 days	Eff - 42 days
Analytes	Unit						
1,1-Dichloroethene	ppb (ug/L)	5.37 (0.0213)					
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	5.34 (0.0408)					
Acetone	ppb (ug/L)	ND					
Methylene Chloride	ppb (ug/L)	ND					
Benzene	ppb (ug/L)	ND					
Trichloroethene	ppb (ug/L)	ND					
Toluene	ppb (ug/L)	ND					
1,1,2-Trichloroethane	ppb (ug/L)	ND					
Tetrachloroethene	ppb (ug/L)	ND					
Xylenes	ppb (ug/L)	ND					
Carbon Tetrachloride	ppb (ug/L)	ND					
1,1,1-Trichloroethane	ppb (ug/L)	ND					
m/p-Xylenes	ppb (ug/L)	ND					
4-ethyl toluene	ppb (ug/L)	ND					
1,2,4-Trimethylbenzene	ppb (ug/L)	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
222473

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. Berkowski	LAB COORDINATOR'S PHONE: (419) 660-7537	LAB COORDINATOR'S FAX: (419) 475-5433	LABORATORY SERVICE ID: M9D210263	LABORATORY CONTACT: Noel Cruz/Quant.	MAIL REPORT (COMPANY NAME): IT
PROJECT NAME: El Toro-D065	PROJECT LOCATION: MCAS El Toro - 24SVE2	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: 714-258-0921	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: L. Berkowski	PROJECT PHONE NUMBER: (419)	PROJECT FAX: —	LABORATORY ADDRESS: 1721 South Grand		ADDRESS: 3347 Michelson
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Irvine, CA	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA 92704		CITY, STATE, AND ZIPCODE: Irvine, CA 92614
PROJECT MANAGER: Bill Sedlak	PROJECT MANAGER'S PHONE: (419) 261-6441	PROJECT MANAGER'S FAX: —			

Analyses: TO-14 Contingent-Hold

Quanterra

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	TO-14	Contingent-Hold	Comments
											Analyze 'A' Bag First
1	18708-937	vapor	4/21/99	0800	N/A	2	III	5day	X		
2	18708-938	vapor	4/21/99	0916	N/A	2	III	5day	X		
3	18708-939	vapor	4/21/99	0934	N/A	3	III	5day	X		
4	18708-940	vapor	4/21/99	0938	N/A	2	III	24hour	X		
5	18708-941	vapor	4/21/99	0948	N/A	2	III	24hour	X	X	Analyze only if 18708-940 is detected.
6	18708-942	vapor	4/21/99	1220	N/A	2	III	5day	X		
7	18708-943	vapor	4/21/99	1224	N/A	3	III	5day	X		
8	18708-944	vapor	4/21/99	1225	N/A	2	IV	5day	X		
9	18708-945	vapor	4/21/99	1230	N/A	2	III	24hour	X		
10	18708-946	vapor	4/21/99	1234	N/A	2	III	24hour	X	X	Analyze only if 18708-945 is detected.

SAMPLES COLLECTED BY: L. Berkowski
COURIER AND AIR BILL NUMBER: Courier
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Chris Berkowski		4/21/99		
	Alex Tayu	4/21/99		

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

24 SVE 2 Startup.

Sample Point Location	G	C	F	QC
1. 24SVE2 - Piezometer at well head	X			
2. Ambient - 24SVE2 HOUR 1	X			
3. Influent - 24SVE2 HOUR 1	X			
4. Midpoint - 24SVE2 HOUR 1	X			
5. Effluent - 24SVE2 HOUR 1	X			
6. Ambient - 24SVE2 HOUR 4	X			
7. Influent - 24SVE2 HOUR 4	X			
8. Influent dup - 24SVE2 HOUR 4	X			X
9. Midpoint - 24SVE2 HOUR 4	X			
10. Effluent - 24SVE2 HOUR 4	X			

Comments

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

24SVE2 1hr- startup

[redacted]

Quanterra – Air Toxics Lab
1721 South Grand Avenue
Santa Ana, California 92705

Quanterra Environmental Services

Facsimile Transmission

Phone: (714) 258-8610
Fax: (714) 258-0921

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Rest of data for 4/21/99.

PRELIMINARY RESULTS

Quanterra Project: M9D210263 - 1/3, 6/8

Client Project No: 918708

Client Project Name: MCAS EL TORO /24 SVE 2

5 day TAT Samples

Faxed by: **Sonia Tabirara**

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OHM Remediation Services Corp
Subsidiary of OHM Corporation
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CHAIN-OF-CUSTODY RECORD

LABORATORY COPY
222473

M9D210263

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: (949) 660-7537	LAB COORDINATOR'S FAX: (949) 475-5439	LABORATORY SERVICE ID:	LABORATORY CONTACT: Noel Cruz/Quant.	MAIL REPORT (COMPANY NAME): IT
PROJECT NAME: El Toro-D065	PROJECT LOCATION: MCAS El Toro - 245VE2	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: 714-258-0921	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: (949)	PROJECT FAX: —	LABORATORY ADDRESS: 1921 South Grand		ADDRESS: 3347 Michelson
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Irvine, CA	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA 92704		CITY, STATE AND ZIPCODE: Irvine, CA 92614
PROJECT MANAGER: Bill Sedlak	PROJECT MANAGER'S PHONE: (949) 261-6441	PROJECT MANAGER'S FAX: —			

Quanterra

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont	QC Level	T.A.T.	Analyses: TO-14	Contingent-Hold							Comments: Analyze 'A' Bag First
1	18708-937	vapor	4/21/99	0800	N/A	2	III	5day	X	✓							
2	18708-938	vapor	4/21/99	0916	N/A	2	III	5day	X	✓							
3	18708-939	vapor	4/21/99	0934	N/A	3	III	5day	X	✓							
4	18708-940	vapor	4/21/99	0938	N/A	2	III	24hour	X								
5	18708-941	vapor	4/21/99	0948	N/A	2	III	24hour		X							Analyze only if 18708-940 is detected.
6	18708-942	vapor	4/21/99	1220	N/A	2	III	5day	X								
7	18708-943	vapor	4/21/99	1224	N/A	3	III	5day	X								
8	18708-944	vapor	4/21/99	1225	N/A	2	IV	5day	X								
9	18708-945	vapor	4/21/99	1230	N/A	2	III	24hour	X								
10	18708-946	vapor	4/21/99	1234	N/A	2	III	24hour		X							Analyze only if 18708-945 is detected.

SAMPLES COLLECTED BY: Lisa Bienkowski
COURIER AND AIR BILL NUMBER: Courier
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Lisa Bienkowski DES	[illegible]	4/21/99		
	[illegible]	4/21/99	14 10	
	[illegible]	4/21/99		

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

EXECUTIVE SUMMARY - Detection Highlights

M9D210263

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
18708-937 04/21/99 08:00 001				
Acetone	17 JA	10	ppb(v/v)	EPA-19 TO-14
Acetone	0.040 JA	0.024	ug/L	EPA-19 TO-14
18708-939 04/21/99 09:34 003				
1,1-Dichloroethene	5600	240	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	1400	240	ppb(v/v)	EPA-19 TO-14
Trichloroethene	23000	240	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	460	240	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethene	22	0.95	ug/L	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	11	1.8	ug/L	EPA-19 TO-14
Trichloroethene	120	1.3	ug/L	EPA-19 TO-14
Tetrachloroethene	3.1	1.7	ug/L	EPA-19 TO-14
18708-940 04/21/99 09:38 004				
1,1,2-Trichloro-1,2,2-trifluoroethane	9.9	2.0	ppb(v/v)	EPA-19 TO-14
1,1,1-Trichloroethane	11	2.0	ppb(v/v)	EPA-19 TO-14
Trichloroethene	3.6	2.0	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	0.076	0.015	ug/L	EPA-19 TO-14
1,1,1-Trichloroethane	0.062	0.011	ug/L	EPA-19 TO-14
Trichloroethene	0.019	0.011	ug/L	EPA-19 TO-14
18708-941 04/21/99 09:48 005				
1,1,1-Trichloroethane	5.1	2.0	ppb(v/v)	EPA-19 TO-14
Trichloroethene	6.8	2.0	ppb(v/v)	EPA-19 TO-14
1,1,1-Trichloroethane	0.028	0.011	ug/L	EPA-19 TO-14
Trichloroethene	0.036	0.011	ug/L	EPA-19 TO-14
18708-942 04/21/99 12:20 006				
Methylene chloride	3.7	2.0	ppb(v/v)	EPA-19 TO-14
Methylene chloride	0.013	0.0069	ug/L	EPA-19 TO-14

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EXECUTIVE SUMMARY - Detection Highlights

M9D210263

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
18708-943 04/21/99 12:24 007				
1,1-Dichloroethene	8500	400	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	1900	400	ppb(v/v)	EPA-19 TO-14
Trichloroethene	37000	400	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	770	400	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethene	34	1.6	ug/L	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	15	3.0	ug/L	EPA-19 TO-14
Trichloroethene	200	2.2	ug/L	EPA-19 TO-14
Tetrachloroethene	5.2	2.8	ug/L	EPA-19 TO-14
18708-944 04/21/99 12:25 008				
1,1-Dichloroethene	8700	500	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	2000	500	ppb(v/v)	EPA-19 TO-14
Trichloroethene	37000	500	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	760	500	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethene	35	2.0	ug/L	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	16	3.8	ug/L	EPA-19 TO-14
Trichloroethene	200	2.8	ug/L	EPA-19 TO-14
Tetrachloroethene	5.1	3.5	ug/L	EPA-19 TO-14
18708-945 04/21/99 12:30 009				
Methylene chloride	2.2	2.0	ppb(v/v)	EPA-19 TO-14
Trichloroethene	17	2.0	ppb(v/v)	EPA-19 TO-14
Methylene chloride	0.0077	0.0069	ug/L	EPA-19 TO-14
Trichloroethene	0.092	0.011	ug/L	EPA-19 TO-14
18708-946 04/21/99 12:34 010				
1,1-Dichloroethene	2.8	2.0	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	3.0	2.0	ppb(v/v)	EPA-19 TO-14
Methylene chloride	2.1	2.0	ppb(v/v)	EPA-19 TO-14
Trichloroethene	15	2.0	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethene	0.011	0.0079	ug/L	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	0.023	0.015	ug/L	EPA-19 TO-14
Methylene chloride	0.0074	0.0069	ug/L	EPA-19 TO-14
Trichloroethene	0.078	0.011	ug/L	EPA-19 TO-14

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IT CORPORATION

Client Sample ID: 18708-937

GC/MS Volatiles

Lot-Sample #...: M9D210263-001 **Work Order #...:** CTWFN102 **Matrix.....:** AIR
Date Sampled...: 04/21/99 08:00 **Date Received..:** 04/21/99
Prep Date.....: 04/22/99 **Analysis Date..:** 04/22/99
Prep Batch #...: 9116378 **Analysis Time..:** 13:54
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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)
Acetone	**17 JA**	**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)
cis-1,2-Dichloroethene	ND	2.0	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)

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IT CORPORATION

Client Sample ID: 18708-937

GC/MS Volatiles

Lot-Sample #...: M9D210263-001 **Work Order #...:** CTWFN102 **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)

NOTE(S):

JA The analyte was positively identified, but the quantitation is an estimate.

IT CORPORATION

Client Sample ID: 18708-938

GC/MS Volatiles

Lot-Sample #...: M9D210263-002 **Work Order #...:** CTWFP102 **Matrix.....:** AIR
Date Sampled...: 04/21/99 09:16 **Date Received..:** 04/21/99
Prep Date.....: 04/22/99 **Analysis Date..:** 04/22/99
Prep Batch #...: 9116378 **Analysis Time..:** 14:21
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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)
Acetone	ND	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)
cis-1,2-Dichloroethene	ND	2.0	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)

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IT CORPORATION

Client Sample ID: 18708-938

GC/MS Volatiles

Lot-Sample #...: M9D210263-002 **Work Order #...:** CTWFP102 **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: 18708-939

GC/MS Volatiles

Lot-Sample #...: M9D210263-003 **Work Order #...:** CTWFQ102 **Matrix.....:** AIR
Date Sampled...: 04/21/99 09:34 **Date Received..:** 04/21/99
Prep Date.....: 04/21/99 **Analysis Date..:** 04/21/99
Prep Batch #...: 9112341 **Analysis Time..:** 18:11
Dilution Factor: 120
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	240	ppb(v/v)
Chloromethane	ND	480	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	240	ppb(v/v)
Vinyl chloride	ND	240	ppb(v/v)
Bromomethane	ND	240	ppb(v/v)
Chloroethane	ND	480	ppb(v/v)
Trichlorofluoromethane	ND	240	ppb(v/v)
1,1-Dichloroethene	**5600**	**240**	**ppb(v/v)**
Carbon disulfide	ND	1200	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**1400**	**240**	**ppb(v/v)**
Acetone	ND	1200	ppb(v/v)
Methylene chloride	ND	240	ppb(v/v)
trans-1,2-Dichloroethene	ND	240	ppb(v/v)
1,1-Dichloroethane	ND	240	ppb(v/v)
Vinyl acetate	ND	1200	ppb(v/v)
cis-1,2-Dichloroethene	ND	240	ppb(v/v)
2-Butanone (MEK)	ND	1200	ppb(v/v)
Chloroform	ND	240	ppb(v/v)
1,1,1-Trichloroethane	ND	240	ppb(v/v)
Carbon tetrachloride	ND	240	ppb(v/v)
Benzene	ND	240	ppb(v/v)
1,2-Dichloroethane	ND	240	ppb(v/v)
Trichloroethene	**23000**	**240**	**ppb(v/v)**
1,2-Dichloropropane	ND	240	ppb(v/v)
Bromodichloromethane	ND	240	ppb(v/v)
cis-1,3-Dichloropropene	ND	240	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	1200	ppb(v/v)
Toluene	ND	600	ppb(v/v)
trans-1,3-Dichloropropene	ND	240	ppb(v/v)
1,1,2-Trichloroethane	ND	240	ppb(v/v)
Tetrachloroethene	**460**	**240**	**ppb(v/v)**
2-Hexanone	ND	3600	ppb(v/v)
Dibromochloromethane	ND	240	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	240	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-939

GC/MS Volatiles

Lot-Sample #...: M9D210263-003 **Work Order #...:** CTWFQ102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	240	ppb(v/v)
Ethylbenzene	ND	240	ppb(v/v)
Xylenes (total)	ND	240	ppb(v/v)
Styrene	ND	240	ppb(v/v)
Bromoform	ND	240	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	240	ppb(v/v)
Benzyl chloride	ND	1200	ppb(v/v)
4-Ethyltoluene	ND	240	ppb(v/v)
1,3,5-Trimethylbenzene	ND	240	ppb(v/v)
1,2,4-Trimethylbenzene	ND	240	ppb(v/v)
1,3-Dichlorobenzene	ND	240	ppb(v/v)
1,4-Dichlorobenzene	ND	240	ppb(v/v)
1,2-Dichlorobenzene	ND	240	ppb(v/v)
1,2,4-Trichlorobenzene	ND	2400	ppb(v/v)
Hexachlorobutadiene	ND	480	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	1200	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-942

GC/MS Volatiles

Lot-Sample #...: M9D210263-006 **Work Order #...:** CTWFW102 **Matrix.....:** AIR
Date Sampled...: 04/21/99 12:20 **Date Received..:** 04/21/99
Prep Date.....: 04/22/99 **Analysis Date..:** 04/22/99
Prep Batch #...: 9116378 **Analysis Time..:** 14:56
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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)
Acetone	ND	10	ppb(v/v)
Methylene chloride	**3.7**	**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)
cis-1,2-Dichloroethene	ND	2.0	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)

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IT CORPORATION

Client Sample ID: 18708-942

GC/MS Volatiles

Lot-Sample #...: M9D210263-006 **Work Order #...:** CTWFW102 **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: 18708-943

GC/MS Volatiles

Lot-Sample #...: M9D210263-007 **Work Order #...:** CTWFX102 **Matrix.....:** AIR
Date Sampled...: 04/21/99 12:24 **Date Received..:** 04/21/99
Prep Date.....: 04/21/99 **Analysis Date..:** 04/21/99
Prep Batch #...: 9112341 **Analysis Time..:** 19:10
Dilution Factor: 200
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	400	ppb(v/v)
Chloromethane	ND	800	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	400	ppb(v/v)
Vinyl chloride	ND	400	ppb(v/v)
Bromomethane	ND	400	ppb(v/v)
Chloroethane	ND	800	ppb(v/v)
Trichlorofluoromethane	ND	400	ppb(v/v)
1,1-Dichloroethene	**8500**	**400**	**ppb(v/v)**
Carbon disulfide	ND	2000	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**1900**	**400**	**ppb(v/v)**
Acetone	ND	2000	ppb(v/v)
Methylene chloride	ND	400	ppb(v/v)
trans-1,2-Dichloroethene	ND	400	ppb(v/v)
1,1-Dichloroethane	ND	400	ppb(v/v)
Vinyl acetate	ND	2000	ppb(v/v)
cis-1,2-Dichloroethene	ND	400	ppb(v/v)
2-Butanone (MEK)	ND	2000	ppb(v/v)
Chloroform	ND	400	ppb(v/v)
1,1,1-Trichloroethane	ND	400	ppb(v/v)
Carbon tetrachloride	ND	400	ppb(v/v)
Benzene	ND	400	ppb(v/v)
1,2-Dichloroethane	ND	400	ppb(v/v)
Trichloroethene	**37000**	**400**	**ppb(v/v)**
1,2-Dichloropropane	ND	400	ppb(v/v)
Bromodichloromethane	ND	400	ppb(v/v)
cis-1,3-Dichloropropene	ND	400	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	2000	ppb(v/v)
Toluene	ND	1000	ppb(v/v)
trans-1,3-Dichloropropene	ND	400	ppb(v/v)
1,1,2-Trichloroethane	ND	400	ppb(v/v)
Tetrachloroethene	**770**	**400**	**ppb(v/v)**
2-Hexanone	ND	6000	ppb(v/v)
Dibromochloromethane	ND	400	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	400	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-943

GC/MS Volatiles

Lot-Sample #...: M9D210263-007 **Work Order #...:** CTWFX102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	400	ppb(v/v)
Ethylbenzene	ND	400	ppb(v/v)
Xylenes (total)	ND	400	ppb(v/v)
Styrene	ND	400	ppb(v/v)
Bromoform	ND	400	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	400	ppb(v/v)
Benzyl chloride	ND	2000	ppb(v/v)
4-Ethyltoluene	ND	400	ppb(v/v)
1,3,5-Trimethylbenzene	ND	400	ppb(v/v)
1,2,4-Trimethylbenzene	ND	400	ppb(v/v)
1,3-Dichlorobenzene	ND	400	ppb(v/v)
1,4-Dichlorobenzene	ND	400	ppb(v/v)
1,2-Dichlorobenzene	ND	400	ppb(v/v)
1,2,4-Trichlorobenzene	ND	4000	ppb(v/v)
Hexachlorobutadiene	ND	800	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	2000	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-944

GC/MS Volatiles

Lot-Sample #...: M9D210263-008 **Work Order #...:** CTWG0102 **Matrix.....:** AIR
Date Sampled...: 04/21/99 12:25 **Date Received..:** 04/21/99
Prep Date.....: 04/21/99 **Analysis Date..:** 04/21/99
Prep Batch #...: 9112341 **Analysis Time..:** 18:41
Dilution Factor: 250
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	500	ppb(v/v)
Chloromethane	ND	1000	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	500	ppb(v/v)
Vinyl chloride	ND	500	ppb(v/v)
Bromomethane	ND	500	ppb(v/v)
Chloroethane	ND	1000	ppb(v/v)
Trichlorofluoromethane	ND	500	ppb(v/v)
1,1-Dichloroethene	**8700**	**500**	**ppb(v/v)**
Carbon disulfide	ND	2500	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**2000**	**500**	**ppb(v/v)**
Acetone	ND	2500	ppb(v/v)
Methylene chloride	ND	500	ppb(v/v)
trans-1,2-Dichloroethene	ND	500	ppb(v/v)
1,1-Dichloroethane	ND	500	ppb(v/v)
Vinyl acetate	ND	2500	ppb(v/v)
cis-1,2-Dichloroethene	ND	500	ppb(v/v)
2-Butanone (MEK)	ND	2500	ppb(v/v)
Chloroform	ND	500	ppb(v/v)
1,1,1-Trichloroethane	ND	500	ppb(v/v)
Carbon tetrachloride	ND	500	ppb(v/v)
Benzene	ND	500	ppb(v/v)
1,2-Dichloroethane	ND	500	ppb(v/v)
Trichloroethene	**37000**	**500**	**ppb(v/v)**
1,2-Dichloropropane	ND	500	ppb(v/v)
Bromodichloromethane	ND	500	ppb(v/v)
cis-1,3-Dichloropropene	ND	500	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	2500	ppb(v/v)
Toluene	ND	1200	ppb(v/v)
trans-1,3-Dichloropropene	ND	500	ppb(v/v)
1,1,2-Trichloroethane	ND	500	ppb(v/v)
Tetrachloroethene	**760**	**500**	**ppb(v/v)**
2-Hexanone	ND	7500	ppb(v/v)
Dibromochloromethane	ND	500	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	500	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-944

GC/MS Volatiles

Lot-Sample #...: M9D210263-008 **Work Order #...:** CTWG0102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	500	ppb(v/v)
Ethylbenzene	ND	500	ppb(v/v)
Xylenes (total)	ND	500	ppb(v/v)
Styrene	ND	500	ppb(v/v)
Bromoform	ND	500	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	500	ppb(v/v)
Benzyl chloride	ND	2500	ppb(v/v)
4-Ethyltoluene	ND	500	ppb(v/v)
1,3,5-Trimethylbenzene	ND	500	ppb(v/v)
1,2,4-Trimethylbenzene	ND	500	ppb(v/v)
1,3-Dichlorobenzene	ND	500	ppb(v/v)
1,4-Dichlorobenzene	ND	500	ppb(v/v)
1,2-Dichlorobenzene	ND	500	ppb(v/v)
1,2,4-Trichlorobenzene	ND	5000	ppb(v/v)
Hexachlorobutadiene	ND	1000	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	2500	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-937

GC/MS Volatiles

Lot-Sample #...: M9D210263-001 **Work Order #...:** CTWFN101 **Matrix.....:** AIR
Date Sampled...: 04/21/99 08:00 **Date Received..:** 04/21/99
Prep Date.....: 04/22/99 **Analysis Date..:** 04/22/99
Prep Batch #...: 9117205 **Analysis Time..:** 13:54
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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
Acetone	**0.040 JA**	**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
cis-1,2-Dichloroethene	ND	0.0079	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

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IT CORPORATION

Client Sample ID: 18708-937

GC/MS Volatiles

Lot-Sample #...: M9D210263-001 **Work Order #...:** CTWFN101 **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

NOTE(S):

JA The analyte was positively identified, but the quantitation is an estimate.

IT CORPORATION

Client Sample ID: 18708-938

GC/MS Volatiles

Lot-Sample #...: M9D210263-002 **Work Order #...:** CTWFP101 **Matrix.....:** AIR
Date Sampled...: 04/21/99 09:16 **Date Received..:** 04/21/99
Prep Date.....: 04/22/99 **Analysis Date..:** 04/22/99
Prep Batch #...: 9117205 **Analysis Time..:** 14:21
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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
Acetone	ND	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
cis-1,2-Dichloroethene	ND	0.0079	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

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IT CORPORATION

Client Sample ID: 18708-938

GC/MS Volatiles

Lot-Sample #...: M9D210263-002 **Work Order #...:** CTWFP101 **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: 18708-939

GC/MS Volatiles

Lot-Sample #...: M9D210263-003 **Work Order #...:** CTWFQ101 **Matrix.....:** AIR
Date Sampled...: 04/21/99 09:34 **Date Received..:** 04/21/99
Prep Date.....: 04/21/99 **Analysis Date..:** 04/21/99
Prep Batch #...: 9117206 **Analysis Time..:** 18:11
Dilution Factor: 120
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.2	ug/L
Chloromethane	ND	0.98	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.7	ug/L
Vinyl chloride	ND	0.61	ug/L
Bromomethane	ND	0.94	ug/L
Chloroethane	ND	1.3	ug/L
Trichlorofluoromethane	ND	1.3	ug/L
1,1-Dichloroethene	**22**	**0.95**	**ug/L**
Carbon disulfide	ND	3.7	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**11**	**1.8**	**ug/L**
Acetone	ND	2.9	ug/L
Methylene chloride	ND	0.83	ug/L
trans-1,2-Dichloroethene	ND	0.95	ug/L
1,1-Dichloroethane	ND	0.97	ug/L
Vinyl acetate	ND	4.2	ug/L
cis-1,2-Dichloroethene	ND	0.95	ug/L
2-Butanone (MEK)	ND	3.5	ug/L
Chloroform	ND	1.2	ug/L
1,1,1-Trichloroethane	ND	1.3	ug/L
Carbon tetrachloride	ND	1.6	ug/L
Benzene	ND	0.77	ug/L
1,2-Dichloroethane	ND	0.97	ug/L
Trichloroethene	**120**	**1.3**	**ug/L**
1,2-Dichloropropane	ND	1.1	ug/L
Bromodichloromethane	ND	1.6	ug/L
cis-1,3-Dichloropropene	ND	1.1	ug/L
4-Methyl-2-pentanone (MIBK)	ND	4.9	ug/L
Toluene	ND	2.3	ug/L
trans-1,3-Dichloropropene	ND	1.1	ug/L
1,1,2-Trichloroethane	ND	1.3	ug/L
Tetrachloroethene	**3.1**	**1.7**	**ug/L**
2-Hexanone	ND	14	ug/L
Dibromochloromethane	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.8	ug/L

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IT CORPORATION

Client Sample ID: 18708-939

GC/MS Volatiles

Lot-Sample #...: M9D210263-003 **Work Order #...:** CTWFQ101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	1.1	ug/L
Ethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	2.5	ug/L
1,1,2,2-Tetrachloroethane	ND	1.7	ug/L
Benzyl chloride	ND	6.2	ug/L
4-Ethyltoluene	ND	1.2	ug/L
1,3,5-Trimethylbenzene	ND	1.2	ug/L
1,2,4-Trimethylbenzene	ND	1.2	ug/L
1,3-Dichlorobenzene	ND	1.4	ug/L
1,4-Dichlorobenzene	ND	1.4	ug/L
1,2-Dichlorobenzene	ND	1.4	ug/L
1,2,4-Trichlorobenzene	ND	18	ug/L
Hexachlorobutadiene	ND	5.2	ug/L
Methyl tert-butyl ether (MTBE)	ND	4.3	ug/L

IT CORPORATION

Client Sample ID: 18708-942

GC/MS Volatiles

Lot-Sample #...: M9D210263-006 **Work Order #...:** CTWFW101 **Matrix.....:** AIR
Date Sampled...: 04/21/99 12:20 **Date Received..:** 04/21/99
Prep Date.....: 04/22/99 **Analysis Date..:** 04/22/99
Prep Batch #...: 9117205 **Analysis Time..:** 14:56
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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
Acetone	ND	0.024	ug/L
Methylene chloride	**0.013**	**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
cis-1,2-Dichloroethene	ND	0.0079	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

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IT CORPORATION

Client Sample ID: 18708-942

GC/MS Volatiles

Lot-Sample #...: M9D210263-006 **Work Order #...:** CTWFW101 **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: 18708-943

GC/MS Volatiles

Lot-Sample #...: M9D210263-007 **Work Order #...:** CTWFX101 **Matrix.....:** AIR
Date Sampled...: 04/21/99 12:24 **Date Received..:** 04/21/99
Prep Date.....: 04/21/99 **Analysis Date..:** 04/21/99
Prep Batch #...: 9117206 **Analysis Time..:** 19:10
Dilution Factor: 200
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ug/L
Chloromethane	ND	1.6	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.8	ug/L
Vinyl chloride	ND	1.0	ug/L
Bromomethane	ND	1.6	ug/L
Chloroethane	ND	2.2	ug/L
Trichlorofluoromethane	ND	2.2	ug/L
1,1-Dichloroethene	**34**	**1.6**	**ug/L**
Carbon disulfide	ND	6.2	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**15**	**3.0**	**ug/L**
Acetone	ND	4.8	ug/L
Methylene chloride	ND	1.4	ug/L
trans-1,2-Dichloroethene	ND	1.6	ug/L
1,1-Dichloroethane	ND	1.6	ug/L
Vinyl acetate	ND	7.0	ug/L
cis-1,2-Dichloroethene	ND	1.6	ug/L
2-Butanone (MEK)	ND	5.8	ug/L
Chloroform	ND	1.9	ug/L
1,1,1-Trichloroethane	ND	2.2	ug/L
Carbon tetrachloride	ND	2.6	ug/L
Benzene	ND	1.3	ug/L
1,2-Dichloroethane	ND	1.6	ug/L
Trichloroethene	**200**	**2.2**	**ug/L**
1,2-Dichloropropane	ND	1.8	ug/L
Bromodichloromethane	ND	2.6	ug/L
cis-1,3-Dichloropropene	ND	1.8	ug/L
4-Methyl-2-pentanone (MIBK)	ND	8.2	ug/L
Toluene	ND	3.8	ug/L
trans-1,3-Dichloropropene	ND	1.8	ug/L
1,1,2-Trichloroethane	ND	2.2	ug/L
Tetrachloroethene	**5.2**	**2.8**	**ug/L**
2-Hexanone	ND	24	ug/L
Dibromochloromethane	ND	3.4	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-943

GC/MS Volatiles

Lot-Sample #...: M9D210263-007 **Work Order #...:** CTWFX101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	1.8	ug/L
Ethylbenzene	ND	1.7	ug/L
Xylenes (total)	ND	1.7	ug/L
Styrene	ND	1.7	ug/L
Bromoform	ND	4.2	ug/L
1,1,2,2-Tetrachloroethane	ND	2.8	ug/L
Benzyl chloride	ND	10	ug/L
4-Ethyltoluene	ND	2.0	ug/L
1,3,5-Trimethylbenzene	ND	2.0	ug/L
1,2,4-Trimethylbenzene	ND	2.0	ug/L
1,3-Dichlorobenzene	ND	2.4	ug/L
1,4-Dichlorobenzene	ND	2.4	ug/L
1,2-Dichlorobenzene	ND	2.4	ug/L
1,2,4-Trichlorobenzene	ND	30	ug/L
Hexachlorobutadiene	ND	8.6	ug/L
Methyl tert-butyl ether (MTBE)	ND	7.2	ug/L

IT CORPORATION

Client Sample ID: 18708-944

GC/MS Volatiles

Lot-Sample #...: M9D210263-008 **Work Order #...:** CTWG0101 **Matrix.....:** AIR
Date Sampled...: 04/21/99 12:25 **Date Received..:** 04/21/99
Prep Date.....: 04/21/99 **Analysis Date..:** 04/21/99
Prep Batch #...: 9117206 **Analysis Time..:** 18:41
Dilution Factor: 250
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.5	ug/L
Chloromethane	ND	2.0	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.5	ug/L
Vinyl chloride	ND	1.3	ug/L
Bromomethane	ND	2.0	ug/L
Chloroethane	ND	2.8	ug/L
Trichlorofluoromethane	ND	2.8	ug/L
1,1-Dichloroethene	**35**	**2.0**	**ug/L**
Carbon disulfide	ND	7.8	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**16**	**3.8**	**ug/L**
Acetone	ND	6.0	ug/L
Methylene chloride	ND	1.7	ug/L
trans-1,2-Dichloroethene	ND	2.0	ug/L
1,1-Dichloroethane	ND	2.0	ug/L
Vinyl acetate	ND	8.8	ug/L
cis-1,2-Dichloroethene	ND	2.0	ug/L
2-Butanone (MEK)	ND	7.2	ug/L
Chloroform	ND	2.4	ug/L
1,1,1-Trichloroethane	ND	2.8	ug/L
Carbon tetrachloride	ND	3.2	ug/L
Benzene	ND	1.6	ug/L
1,2-Dichloroethane	ND	2.0	ug/L
Trichloroethene	**200**	**2.8**	**ug/L**
1,2-Dichloropropane	ND	2.3	ug/L
Bromodichloromethane	ND	3.2	ug/L
cis-1,3-Dichloropropene	ND	2.3	ug/L
4-Methyl-2-pentanone (MIBK)	ND	10	ug/L
Toluene	ND	4.7	ug/L
trans-1,3-Dichloropropene	ND	2.3	ug/L
1,1,2-Trichloroethane	ND	2.8	ug/L
Tetrachloroethene	**5.1**	**3.5**	**ug/L**
2-Hexanone	ND	30	ug/L
Dibromochloromethane	ND	4.2	ug/L
1,2-Dibromoethane (EDB)	ND	3.8	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-944

GC/MS Volatiles

Lot-Sample #...: M9D210263-008 **Work Order #...:** CTWG0101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.3	ug/L
Ethylbenzene	ND	2.2	ug/L
Xylenes (total)	ND	2.2	ug/L
Styrene	ND	2.1	ug/L
Bromoform	ND	5.2	ug/L
1,1,2,2-Tetrachloroethane	ND	3.5	ug/L
Benzyl chloride	ND	13	ug/L
4-Ethyltoluene	ND	2.4	ug/L
1,3,5-Trimethylbenzene	ND	2.4	ug/L
1,2,4-Trimethylbenzene	ND	2.4	ug/L
1,3-Dichlorobenzene	ND	3.0	ug/L
1,4-Dichlorobenzene	ND	3.0	ug/L
1,2-Dichlorobenzene	ND	3.0	ug/L
1,2,4-Trichlorobenzene	ND	38	ug/L
Hexachlorobutadiene	ND	11	ug/L
Methyl tert-butyl ether (MTBE)	ND	9.0	ug/L

Quanterra – Air Toxics Lab
1721 South Grand Avenue
Santa Ana, California 92705

Quanterra Environmental Services

Facsimile Transmission

Phone: (714) 258-8610
Fax: (714) 258-0921

To: LISA BIENKOWSKI (949) 475-5433	From: MARIA JONES LAB MANAGER	Date: 4/22/99 Number of Pages: 18 (Including Cover Page)

PRELIMINARY RESULTS

Quanterra Project: M9D210263 – 4/5, 9/10

Client Project No: 918708

Client Project Name: MCAS EL TORO – 24 SVE 2

Faxed by: **Sonia Tabirara**

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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
222473

M9D210263

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: (949) 660-7537	LAB COORDINATOR'S FAX: (949) 475-5439	LABORATORY SERVICE ID:	LABORATORY CONTACT: Noel Cruz/Quant.	MAIL REPORT (COMPANY NAME): LT
PROJECT NAME: El Toro-D065	PROJECT LOCATION: MCAS El Toro - 245VE2	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: 714-258-0921	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: (949)	PROJECT FAX: —	LABORATORY ADDRESS: 1921 South Grand		ADDRESS: 3347 Michelson
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Irvine, CA	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA 92704		CITY, STATE AND ZIPCODE: Irvine, CA 92614
PROJECT MANAGER: Bill Sedlak	PROJECT MANAGER'S PHONE: (949) 261-6441	PROJECT MANAGER'S FAX: —			

Quanterra

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Contingent-HOLD							Comments: Analyze 'A' Bag First
1	18708-937	vapor	4/21/99	0800	N/A	2	III	5day	X	✓							
2	18708-938	vapor	4/21/99	0916	N/A	2	III	5day	X	✓							
3	18708-939	vapor	4/21/99	0934	N/A	3	III	5day	X	✓							
4	18708-940	vapor	4/21/99	0938	N/A	2	III	24hour	X								
5	18708-941	vapor	4/21/99	0948	N/A	2	III	24hour		X							Analyze only if 18708-940 is detected.
6	18708-942	vapor	4/21/99	1220	N/A	2	III	5day	X								
7	18708-943	vapor	4/21/99	1224	N/A	3	III	5day	X								
8	18708-944	vapor	4/21/99	1225	N/A	2	IV	5day	X								
9	18708-945	vapor	4/21/99	1230	N/A	2	III	24hour	X								
10	18708-946	vapor	4/21/99	1234	N/A	2	III	24hour		X							Analyze only if 18708-945 is detected.

SAMPLES COLLECTED BY: Lisa Bienkowski
COURIER AND AIR BILL NUMBER: courier
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Lisa Bienkowski DES	[illegible]	4/21/99		
	[illegible]	4/22/99	14 30	
	[illegible]	4/21/99		

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

Quanterra Air Toxics Lab

Sample Name:	CTWFR102 OHM M9D210263-4	**Data Analyzed:**	21 Apr 1999 15:43
Misc. Info:	500ml 18706-940 TEDLA	**Method:**	MSA0421
Data Name:	A2546.D	**Shift Cal.File:**	CC04211.D
Data Path:	D:\GCMSA~1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.05	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	0.33	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.01	ND	2.00
9)	1,1-Dichloroethene	-0.00	ND	2.00
10)	Carbon Disulfide	0.12	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	9.91	2.00
12)	Acetone	-0.00	ND	10.00
13)	Methylene Chloride	-0.00	ND	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	0.01	ND	2.00
20)	1,1,1-Trichloroethane	-0.01	11.35	2.00
21)	Carbon Tetrachloride	-0.24	ND	2.00
23)	Benzene	0.00	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.02	3.59	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	-0.24	ND	2.00
29)	c-1,3-Dichloropropene		ND	2.00
30)	4-Methyl-2-Pentanone	-0.12	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	-0.07	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	0.05	ND	2.00
42)	p,&m-Xylene	0.00	ND	2.00
43)	o-Xylene	0.01	ND	2.00
44)	Styrene	0.03	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CTWFR102 OHM M9D210263-4	**Data Analyzed:**	04/21/19 -1:5:
Misc. Info:	500ml 18708-940 TEDLAR	**Method:**	MSA0421
Data Name:	A2546.D	**Shift Call.File:**	CC04211.D
Data Path:	D:\GCMSA–1\990419\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.44	ND	2.00
48) Benzyl Chloride	0.08	ND	10.00
49) 4-Ethyl Toluene	0.08	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		ND	2.00
53) 1,4-Dichlorobenzene		ND	2.00
54) 1,2-Dichlorobenzene		ND	2.00
55) 1,2,4-Trichlorobenzene	0.08	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	408164	340787	OK	7.54	7.57	OK
1,4-Difluorobenzene	2076754	1681455	OK	9.25	9.25	OK
Chlorobenzene-d5	1074609	893605	OK	14.72	14.67	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.06	104.1
Toluene-d8	50	45.09	90.2
4-Bromofluorobenzene	50	48.00	96.0

Comments:

Foot Notes:

1st Review: PN 4/22/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CTWFR102 OHM M9D210263-4	**Data Analyzed:**	21 Apr 1999 15:43
Misc. Info:	500ml 18708-940 TEDLA	**Method:**	MSA0421
Data Name:	A2546.D	**Shift Call.File:**	CC04211.D
Data Path:	D:\GCMSA~1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.05	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	0.33	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.01	ND	0.0112
9)	1,1-Dichloroethene	-0.00	ND	0.0079
10)	Carbon Disulfide	0.12	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	0.0758	0.0153
12)	Acetone	-0.00	ND	0.0237
13)	Methylene Chloride	-0.00	ND	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	0.01	ND	0.0097
20)	1,1,1-Trichloroethane	-0.01	0.0618	0.0109
21)	Carbon Tetrachloride	-0.24	ND	0.0126
23)	Benzene	0.00	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.02	0.0192	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	-0.24	ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	-0.12	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	-0.07	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	0.05	ND	0.0087
42)	p,&m-Xylene	0.00	ND	0.0087
43)	o-Xylene	0.01	ND	0.0087
44)	Styrene	0.03	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CTWFR102 OHM M9D210263-4	**Data Analyzed:**	04/21/19 -1:5:
Misc. Info:	500ml 18708-940 TEDLAR	**Method:**	MSA0421
Data Name:	A2546.D	**Shift Call.File:**	CC04211.D
Data Path:	D:\GCMSA~1\990419\	**Dilution Factor:**	1

Compound	dRT	Result(ug/L)	RL(ug/L)
47) 1,1,2,2-Tetrachloroethane	-0.44	ND	0.0137
48) Benzyl Chloride	0.08	ND	0.0518
49) 4-Ethyl Toluene	0.08	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		ND	0.0120
53) 1,4-Dichlorobenzene		ND	0.0120
54) 1,2-Dichlorobenzene		ND	0.0120
55) 1,2,4-Trichlorobenzene	0.08	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	408164	340787	OK	7.54	7.57	OK
1,4-Difluorobenzene	2076754	1681455	OK	9.25	9.25	OK
Chlorobenzene-d5	1074609	893605	OK	14.72	14.67	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.06	104.1
Toluene-d8	50	45.09	90.2
4-Bromofluorobenzene	50	48.00	96.0

Comments:

Foot Notes:

1st Review: PN 4/22/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CTWFT102 OHM M9D210263-5	**Data Analyzed:**	21 Apr 1999 16:45
Misc. Info:	500ml 18708-941 TEDLA	**Method:**	MSA0421
Data Name:	A2548.D	**Shift Cali.File:**	CC04211.D
Data Path:	D:\GCMSA–1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.04	ND	2.00
3)	Chloromethane	-0.00	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)	0.01	ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane	0.45	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.01	ND	2.00
9)	1,1-Dichloroethene	-0.03	ND	2.00
10)	Carbon Disulfide	0.00	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	ND	2.00
12)	Acetone	0.02	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	-0.03	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	-0.02	ND	10.00
19)	Chloroform	0.14	ND	2.00
20)	1,1,1-Trichloroethane	0.01	5.07	2.00
21)	Carbon Tetrachloride	-0.26	ND	2.00
23)	Benzene	0.00	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.02	6.78	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	-0.29	ND	2.00
29)	c-1,3-Dichloropropene		ND	2.00
30)	4-Methyl-2-Pentanone	-0.15	ND	10.00
32)	Toluene	-0.08	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.46	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	-0.04	ND	2.00
43)	o-Xylene	0.02	ND	2.00
44)	Styrene	0.08	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CTWFT102 OHM M9D210263-5	**Data Analyzed:**	04/21/19 -1:6:
Misc. Info:	500ml 18708-941 TEDLAR	**Method:**	MSA0421
Data Name:	A2548.D	**Shift Call.File:**	CC04211.D
Data Path:	D:\GCMSA-1\990419\	**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	0.11	ND	2.00
50)	1,3,5-Trimethylbenzene	0.13	ND	2.00
51)	1,2,4-Trimethylbenzene	0.14	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	408164	377545	OK	7.54	7.56	OK
1,4-Difluorobenzene	2076754	1716170	OK	9.25	9.25	OK
Chlorobenzene-d5	1074609	929128	OK	14.72	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.28	102.6
Toluene-d8	50	45.02	90.0
4-Bromofluorobenzene	50	47.88	95.8

Comments:

Foot Notes:

1st Review: PNT 4/22/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CTWFT102 OHM M9D210263-5	**Data Analyzed:**	21 Apr 1999 16:45
Misc. Info:	500ml 18708-941 TEDLA	**Method:**	MSA0421
Data Name:	A2548.D	**Shift Cali.File:**	CC04211.D
Data Path:	D:\GCMSA–1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.04	ND	0.0099
3)	Chloromethane	-0.00	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)	0.01	ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethane	0.45	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.01	ND	0.0112
9)	1,1-Dichloroethene	-0.03	ND	0.0079
10)	Carbon Disulfide	0.00	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	ND	0.0153
12)	Acetone	0.02	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	-0.03	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	-0.02	ND	0.0294
19)	Chloroform	0.14	ND	0.0097
20)	1,1,1-Trichloroethane	0.01	0.0276	0.0109
21)	Carbon Tetrachloride	-0.26	ND	0.0126
23)	Benzene	0.00	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.02	0.0363	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	-0.29	ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	-0.15	ND	0.0409
32)	Toluene	-0.08	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.46	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	-0.04	ND	0.0087
43)	o-Xylene	0.02	ND	0.0087
44)	Styrene	0.08	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CTWFT102 OHM M9D210263-5	**Data Analyzed:**	04/21/19 -1:6:
Misc. Info:	500ml 18708-941 TEDLAR	**Method:**	MSA0421
Data Name:	A2548.D	**Shift Cali.File:**	CC04211.D
Data Path:	D:\GCMSA-1\990419\	**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	0.11	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.13	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.14	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	408164	377545	OK	7.54	7.56	OK
1,4-Difluorobenzene	2076754	1716170	OK	9.25	9.25	OK
Chlorobenzene-d5	1074609	929128	OK	14.72	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.28	102.6
Toluene-d8	50	45.02	90.0
4-Bromofluorobenzene	50	47.88	95.8

Comments:

Foot Notes:

1st Review: PN 4/22/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CTWG3102 OHM M9D210263-9	**Data Analyzed:**	21 Apr 1999 17:12
Misc. Info:	500ml 18708-945 TEDLA	**Method:**	MSA0421
Data Name:	a2549.d	**Shift Call.File:**	CC04211.D
Data Path:	d:\gcmsa~1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.04	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)	-0.00	ND	2.00
9)	1,1-Dichloroethene	0.09	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	0.01	ND	10.00
13)	Methylene Chloride	-0.01	2.23	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.07	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	0.05	ND	10.00
19)	Chloroform	-0.08	ND	2.00
20)	1,1,1-Trichloroethane	-0.00	ND	2.00
21)	Carbon Tetrachloride	-0.04	ND	2.00
23)	Benzene	-0.14	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.02	17.12	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	-0.35	ND	2.00
29)	c-1,3-Dichloropropene		ND	2.00
30)	4-Methyl-2-Pentanone	-0.15	ND	10.00
32)	Toluene	-0.12	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene	-0.28	ND	2.00
35)	1,1,2-Trichloroethane	-0.20	ND	2.00
36)	Tetrachloroethene	-0.05	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	0.01	ND	2.00
43)	o-Xylene	0.01	ND	2.00
44)	Styrene	0.07	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CTWG3102 OHM M9D210263-9	**Data Analyzed:**	04/21/19 -1:7:
Misc. Info:	500ml 18708-945 TEDLAR	**Method:**	MSA0421
Data Name:	a2549.d	**Shift Call.File:**	CC04211.D
Data Path:	d:\gcmsa~1\990419\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	-0.06	ND	10.00
49) 4-Ethyl Toluene	0.07	ND	2.00
50) 1,3,5-Trimethylbenzene	0.03	ND	2.00
51) 1,2,4-Trimethylbenzene	0.11	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	0.13	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	408164	361806	OK	7.54	7.57	OK
1,4-Difluorobenzene	2076754	1739659	OK	9.25	9.26	OK
Chlorobenzene-d5	1074609	903749	OK	14.72	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.02	104.0
Toluene-d8	50	43.89	87.8
4-Bromofluorobenzene	50	49.62	99.2

Comments:

Foot Notes:

1st Review: PN 4/22/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CTWG3102 OHM M9D210263-9	**Data Analyzed:**	21 Apr 1999 17:12
Misc. Info:	500ml 18708-945 TEDLA	**Method:**	MSA0421
Data Name:	a2549.d	**Shift Call.File:**	CC04211.D
Data Path:	d:\gcmsa–1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.04	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)	-0.00	ND	0.0112
9)	1,1-Dichloroethene	0.09	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	0.01	ND	0.0237
13)	Methylene Chloride	-0.01	0.0077	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	-0.07	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.05	ND	0.0254
19)	Chloroform	-0.08	ND	0.0097
20)	1,1,1-Trichloroethane	-0.00	ND	0.0109
21)	Carbon Tetrachloride	-0.04	ND	0.0126
23)	Benzene	-0.14	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.02	0.0918	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	-0.35	ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	-0.15	ND	0.0409
32)	Toluene	-0.12	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene	-0.28	ND	0.0091
35)	1,1,2-Trichloroethane	-0.20	ND	0.0109
36)	Tetrachloroethene	-0.05	ND	0.0135
37)	2-Hexanone		ND	0.1225
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	0.01	ND	0.0087
44)	Styrene	0.07	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CTWG3102 OHM M9D210263-9	**Data Analyzed:**	04/21/19 -1:7:
Misc. Info:	500ml 18708-945 TEDLAR	**Method:**	MSA0421
Data Name:	a2549.d	**Shift Call.File:**	CC04211.D
Data Path:	d:\gcmsa~1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	-0.06	ND	0.0518
49)	4-Ethyl Toluene	0.07	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.03	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.11	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	0.13	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.0076

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	408164	361806	OK	7.54	7.57	OK
1,4-Difluorobenzene	2076754	1739659	OK	9.25	9.26	OK
Chlorobenzene-d5	1074609	903749	OK	14.72	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.02	104.0
Toluene-d8	50	43.89	87.8
4-Bromofluorobenzene	50	49.62	99.2

Comments:

Foot Notes:

1st Review: PAC 4/22/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CTWG4102 OHM M9D210263-10	Data Analyzed:	21 Apr 1999 17:40
Misc. Info:	500ml 18708-946 TEDLAR	Method:	MSA0421
Data Name:	A2550.D	Shift Cal.File:	CC04211.D
Data Path:	D:\GCMSA~1\990419\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.02	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	0.16	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.01	ND	2.00
9)	1,1-Dichloroethene	0.01	2.85	2.00
10)	Carbon Disulfide	0.02	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.02	3.05	2.00
12)	Acetone	0.02	ND	10.00
13)	Methylene Chloride	0.01	2.14	2.00
14)	t-1,2-Dichloroethene	-0.41	ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.07	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone		ND	10.00
19)	Chloroform	-0.02	ND	2.00
20)	1,1,1-Trichloroethane		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	-0.03	14.59	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	-0.13	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane		ND	2.00
36)	Tetrachloroethene	-0.03	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	-0.01	ND	2.00
43)	o-Xylene	0.03	ND	2.00
44)	Styrene	0.02	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CTWG4102 OHM M9D210263-10	**Data Analyzed:**	04/21/19 -1:7:
Misc. Info:	500ml 18708-946 TEDLAR	**Method:**	MSA0421
Data Name:	A2550.D	**Shift Cali.File:**	CC04211.D
Data Path:	D:\GCMSA-1\990419\	**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	0.10	ND	2.00
50)	1,3,5-Trimethylbenzene	0.10	ND	2.00
51)	1,2,4-Trimethylbenzene	0.05	ND	2.00
52)	1,3-Dichlorobenzene		ND	2.00
53)	1,4-Dichlorobenzene		ND	2.00
54)	1,2-Dichlorobenzene	-0.29	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	408164	366155	OK	7.54	7.57	OK
1,4-Difluorobenzene	2076754	1706127	OK	9.25	9.26	OK
Chlorobenzene-d5	1074609	916888	OK	14.72	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.62	105.2
Toluene-d8	50	45.59	91.2
4-Bromofluorobenzene	50	47.72	95.4

Comments:

Foot Notes:

1st Review: PAS 4/22/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CTWG4102 OHM M9D210263-10	**Data Analyzed:**	21 Apr 1999 17:40
Misc. Info:	500ml 18708-946 TEDLAR	**Method:**	MSA0421
Data Name:	A2550.D	**Shift CalFile:**	CC04211.D
Data Path:	D:\GCMSA~1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.02	ND	0.0029
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	0.16	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.01	ND	0.0112
9)	1,1-Dichloroethene	0.01	0.0113	0.0079
10)	Carbon Disulfide	0.02	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.02	0.0233	0.0153
12)	Acetone	0.02	ND	0.0237
13)	Methylene Chloride	0.01	0.0074	0.0069
14)	t-1,2-Dichloroethene	-0.41	ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	-0.07	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone		ND	0.0294
19)	Chloroform	-0.02	ND	0.0097
20)	1,1,1-Trichloroethane		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	-0.03	0.0782	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	-0.13	ND	~~0.0875~~ 0.018
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109
36)	Tetrachloroethene	-0.03	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	-0.01	ND	0.0087
43)	o-Xylene	0.03	ND	0.0087
44)	Styrene	0.02	ND	0.0085
45)	Bromoform		ND	0.0206

d:\gcmsa – 1\990419\a2550.d

Sample Name:	CTWG4102 OHM M9D210263-10	**Data Analyzed:**	04/21/19 -1:7:
Misc. Info:	500ml 18708-946 TEDLAR	**Method:**	MSA0421
Data Name:	A2550.D	**Shift Call.File:**	CC04211.D
Data Path:	D:\GCMSA~1\990419\	**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	0.10	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.10	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.05	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene	-0.29	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	408164	366155	OK	7.54	7.57	OK
1,4-Difluorobenzene	2076754	1706127	OK	9.25	9.26	OK
Chlorobenzene-d5	1074609	916888	OK	14.72	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.62	105.2
Toluene-d8	50	45.59	91.2
4-Bromofluorobenzene	50	47.72	95.4

Comments:

Foot Notes:

1st Review: PN 4/22/99 2nd Review

IT CORPORATION

18708-944

GC/MS Volatiles

Lot-Sample #: M9D210263-008 **Work Order #:** CTWG0102 **Matrix:** AIR

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ppb (v/v)

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
222474
FORM 0019 REV. 2-97

24SVE2 24HR

OHM's LAB COORDINATOR	LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	LABORATORY SERVICE ID	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)
L. BIENKOWSKI	949-261-6441	949-475-5433	M9D220189	NOEL CRUZ / QUANT	IT GROUP

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
EL TORO DO:65	MCAS EL TORO 24SVE2	18708	714-258-8610	714-258-0921	DWAYNE ISHIDA

PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS	ADDRESS
L. BIENKOWSKI	—	—	1721 S. GRAND	3347 MICHELSON

PROJECT ADDRESS	CITY, STATE AND ZIPCODE	CLIENT	CITY, STATE AND ZIPCODE	CITY, STATE AND ZIPCODE
MCAS EL TORO	IRVINE, CA.	SWDIV	SANTA ANA CA 92704	IRVINE CA 92614

PROJECT MANAGER	PROJECT MANAGER'S PHONE	PROJECT MANAGER'S FAX
BILL SEOLAK	949-261-6441	—

Item	Sample Identifier	Matrix	Date (1999)	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: CUSTOM NAT.-HAP	Comments: QUANTITRA ANALYZE A BAG FIRST
1	18708-947	VAPOR	4-22	0900	-	2	III	5DA	X		
2	18708-948	VAPOR	4-22	0905	-	3	III	5DA	X		
3	18708-949	VAPOR	4-22	0910	-	2	III	24HR	X		
4	18708-950	VAPOR	4-22	0915	-	2	III	24HR	X	X (D)	ANALYZE ON IT 18708-949 IS DETECTED
5											
6											
7											
8											
9											
10											

SAMPLES COLLECTED BY: C. PARRISH	COURIER AND AIR BILL NUMBER: COURIER	COOLER TEMPERATURE UPON RECEIPT:
RELINQUISHED BY: Carol Custody	RECEIVED BY: [illegible]	DATE: 4-22-99 TIME: [illegible]
		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

24SVE2
24 hour

Sample Point Location	Sample Type: G	C	F	QC
1. AMBIENT - 24SVE2 24HR	X			X
2. INFLUENT 24HR	X			
3. MID POINT 24HR	X			
4. EFFLUENT 24HR	X			

Comm

D.V.
effluent

- Field Sample,
e

Quanterra Air Toxics Lab

Sample Name:	CTXG8102 OHM M9D220189-1	Data Analyzed:	22 Apr 1999 15:51
Misc. Info:	500ml 18708-947 TEDLAR	Method:	MSA0422
Data Name:	A2558.D	Shift Call.File:	CC04221.D
Data Path:	D:\GCMSA-1\990419\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.04	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	0.21	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.00	ND	2.00
9)	1,1-Dichloroethene	0.02	3.58	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	ND	10.00
13)	Methylene Chloride	-0.01	ND	2.00
14)	t-1,2-Dichloroethene	-0.09	ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.14	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		ND	2.00
21)	Carbon Tetrachloride	0.02	ND	2.00
23)	Benzene	0.19	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.01	144.43	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.35	ND	2.00
30)	4-Methyl-2-Pentanone	-0.12	ND	10.00
32)	Toluene	-0.05	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.06	ND	2.00
36)	Tetrachloroethene	-0.03	5.30	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	-0.00	ND	2.00
43)	o-Xylene	0.14	ND	2.00
44)	Styrene	0.05	ND	2.00
45)	Bromoform		ND	2.00

APR 23'99 16:28 FR 714 258 0921 TO 19494/55433 P.03

Sample Name:	CTXG8102 OHM M9D220189-1	Data Analyzed:	04/22/19 -1:5:
Misc. Info:	500ml 18708-947 TEDLAR	Method:	MSA0422
Data Name:	A2558.D	Shift Call.File:	CC04221.D
Data Path:	D:\GCMSA~1\990419\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.22	ND	10.00
49) 4-Ethyl Toluene	0.22	ND	2.00
50) 1,3,5-Trimethylbenzene	0.10	ND	2.00
51) 1,2,4-Trimethylbenzene	0.14	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	50

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	302250	390839	OK	7.55	7.56	OK
1,4-Difluorobenzene	1485360	1775222	OK	9.26	9.26	OK
Chlorobenzene-d5	758402	993516	OK	14.73	14.61	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.68	103.4
Toluene-d8	50	45.38	90.8
4-Bromofluorobenzene	50	52.85	105.7

Comments:

Foot Notes:

1st Review: PM 4/23/99 2nd Review: 10 042300

APR 23'99 16:28 FR 714 258 0921 TO 19494755433 P.04

Quanterra Air Toxics Lab

Sample Name:	CTXGG102 OHM M9D220189-2	Data Analyzed:	22 Apr 1999 17:42
Misc. Info:	3ml 18708-948 TEDLAR	Method:	MSA0422
Data Name:	A2561.D	Shift Call.File:	CC04221.D
Data Path:	D:\GCMSA~1\990419\	Dilution Factor:	166.7

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	333.40
3)	Chloromethane		ND	666.80
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	333.40
5)	Vinyl Chloride		ND	333.40
6)	Bromomethane	0.30	ND	333.40
7)	Chloroethane		ND	666.80
8)	Trichlorofluoromethane (11)		ND	333.40
9)	1,1-Dichloroethene	-0.01	7396.30	333.40
10)	Carbon Disulfide		ND	1667.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	1429.76	333.40
12)	Acetone	0.00	ND	1667.00
13)	Methylene Chloride	0.01	ND	333.40
14)	t-1,2-Dichloroethene	-0.31	ND	333.40
15)	1,1-Dichloroethane	0.00	ND	333.40
16)	Vinyl Acetate	0.21	ND	1667.00
17)	c-1,2-Dichloroethene	-0.03	ND	333.40
18)	2-Butanone		ND	1667.00
19)	Chloroform	0.01	ND	333.40
20)	1,1,1-Trichloroethane		ND	333.40
21)	Carbon Tetrachloride	0.03	ND	333.40
23)	Benzene		ND	333.40
25)	1,2-Dichloroethane		ND	333.40
26)	Trichloroethene	0.01	32009.70	333.40
27)	1,2-Dichloropropane		ND	333.40
28)	Bromodichloromethane		ND	333.40
29)	c-1,3-Dichloropropene		ND	333.40
30)	4-Methyl-2-Pentanone	-0.02	ND	1667.00
32)	Toluene		ND	~~333.40~~ 834
34)	t-1,3-Dichloropropene		ND	333.40
35)	1,1,2-Trichloroethane	0.33	ND	333.40
36)	Tetrachloroethene	0.03	645.37	333.40
37)	2-Hexanone		ND	5001.00
38)	Dibromochloromethane		ND	333.40
39)	1,2-Dibromoethane		ND	333.40
40)	Chlorobenzene		ND	333.40
41)	Ethylbenzene	-0.41	ND	333.40
42)	p,&m-Xylene		ND	333.40
43)	o-Xylene		ND	333.40
44)	Styrene		ND	333.40
45)	Bromoform		ND	333.40

APR 23'99 16:28 FR 714 258 0921 TO 19494/55433 P.05

Sample Name:	CTXGG102 OHM M9D220189-2	**Data Analyzed:**	04/22/19 -1:7:
Misc. Info:	3ml 18708-948 TEDLAR	**Method:**	MSA0422
Data Name:	A2561.D	**Shift Call.File:**	CC04221.D
Data Path:	D:\GCMSA~1\990419\	**Dilution Factor:**	166.7

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	333.40
48)	Benzyl Chloride	0.51	ND	1667.00
49)	4-Ethyl Toluene		ND	333.40
50)	1,3,5-Trimethylbenzene	0.05	ND	333.40
51)	1,2,4-Trimethylbenzene	-0.06	ND	333.40
52)	1,3-Dichlorobenzene		ND	333.40
53)	1,4-Dichlorobenzene		ND	333.40
54)	1,2-Dichlorobenzene		ND	333.40
55)	1,2,4-Trichlorobenzene		ND	3334.00
56)	Hexachlorobutadiene		ND	666.80
	MTBE		ND	1667

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	302250	323000	OK	7.55	7.56	OK
1,4-Difluorobenzene	1485380	1586097	OK	9.28	9.29	OK
Chlorobenzene-d5	758402	767121	OK	14.73	14.72	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.33	98.7
Toluene-d8	50	49.33	98.7
4-Bromofluorobenzene	50	46.41	92.8

Comments:

Foot Notes:

1st Review: PN 4/23/99 2nd Review: MD 042399

APR 23'99 16:29 FR 714 258 0921 TO 19494755433 P.06

Quanterra Air Toxics Lab

Sample Name:	CTXHL102 OHM M9D220189-3	Data Analyzed:	22 Apr 1999 15:23
Misc. Info:	500ml 18708-849 TEDLAR	Method:	MSA0422
Data Name:	A2557.D	Shift Call.File:	CC04221.D
Data Path:	D:\GCMSA-1\990419\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.03	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	-0.06	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	0.13	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.00	7.14	2.00
12) Acetone	0.02	ND	10.00
13) Methylene Chloride	-0.00	ND	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	-0.03	ND	10.00
19) Chloroform	-0.05	ND	2.00
20) 1,1,1-Trichloroethane	-0.01	ND	2.00
21) Carbon Tetrachloride	-0.04	ND	2.00
23) Benzene	0.01	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	-0.01	59.52	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	0.49	ND	10.00
32) Toluene	-0.08	ND	~~2.00~~ 5.00
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane		ND	2.00
36) Tetrachloroethene	-0.02	3.35	2.00
37) 2-Hexanone	0.06	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene		ND	2.00
41) Ethylbenzene	0.06	ND	2.00
42) p,&m-Xylene	0.03	ND	2.00
43) o-Xylene	0.08	ND	2.00
44) Styrene	0.07	ND	2.00
45) Bromoform		ND	2.00

APR 23'99 16:29 FR 714 258 0921 TO 19494755433 P.07

Sample Name:	CTXHL102 OHM M9D220189-3	Data Analyzed:	04/22/19 -1:5:
Misc. Info:	500ml 18708-949 TEDLAR	Method:	MSA0422
Data Name:	A2557.D	Shift Call.File:	CC04221.D
Data Path:	D:\GCMSA–1\990419\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.11	ND	10.00
49) 4-Ethyl Toluene	0.22	ND	2.00
50) 1,3,5-Trimethylbenzene	0.08	ND	2.00
51) 1,2,4-Trimethylbenzene	0.16	ND	2.00
52) 1,3-Dichlorobenzene	0.35	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	302250	335055	OK	7.55	7.57	OK
1,4-Difluorobenzene	1486360	1550229	OK	9.26	9.26	OK
Chlorobenzene-d5	758402	807596	OK	14.73	14.57	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.00	98.0
Toluene-d8	50	44.27	88.5
4-Bromofluorobenzene	50	51.06	102.1

Comments:

Foot Notes:

1st Review: PNS 4/23/99 2nd Review: 100423D

APR 23'99 16:29 FR 714 258 0921 TO 19494755433 P.08

Quanterra Air Toxics Lab

Sample Name:	CTXHX102 OHM M9D220189-4	**Data Analyzed:**	22 Apr 1999 17:10
Misc. Info:	500ml 18708-950 TEDLAR	**Method:**	MSA0422
Data Name:	A2560.D	**Shift CalLFile:**	CC04221.D
Data Path:	D:\GCMSA~1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.02	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	0.45	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.01	ND	2.00
9)	1,1-Dichloroethene	0.02	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	0.02	ND	10.00
13)	Methylene Chloride	0.00	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	-0.35	ND	10.00
19)	Chloroform	0.02	ND	2.00
20)	1,1,1-Trichloroethane	0.02	ND	2.00
21)	Carbon Tetrachloride	-0.05	ND	2.00
23)	Benzene	-0.01	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	0.01	13.01	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.32	ND	2.00
30)	4-Methyl-2-Pentanone	-0.07	ND	10.00
32)	Toluene	-0.08	ND	~~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		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	0.01	ND	2.00
43)	o-Xylene	0.06	ND	2.00
44)	Styrene	0.03	ND	2.00
45)	Bromoform		ND	2.00

APR 23'99 16:29 FR 714 258 0921 TO 19494755433 P.09

Sample Name:	CTXHX102 OHM M9D220189-4	Data Analyzed:	04/22/19 -1:7:
Misc. Info:	500ml 18708-950 TEDLAR	Method:	MSA0422
Data Name:	A2560.D	Shift Call.File:	CC04221.D
Data Path:	D:\GCMSA-1\990419\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.40	ND	10.00
49)	4-Ethyl Toluene	0.07	ND	2.00
50)	1,3,5-Trimethylbenzene	0.07	ND	2.00
51)	1,2,4-Trimethylbenzene	0.10	ND	2.00
52)	1,3-Dichlorobenzene		ND	2.00
53)	1,4-Dichlorobenzene	0.12	ND	2.00
54)	1,2-Dichlorobenzene	-0.27	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	302250	333358	OK	7.55	7.57	OK
1,4-Difluorobenzene	1485360	1524090	OK	9.26	9.25	OK
Chlorobenzene-d5	758402	813790	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.27	102.5
Toluene-d8	50	44.82	89.6
4-Bromofluorobenzene	50	49.22	98.4

Comments:

Foot Notes:

1st Review: PNS 4/23/99 2nd Review: MP 042399

APR 23'99 16:30 FR 714 258 0921 TO 19494755433 P.10

Quanterra Air Toxics Lab

Sample Name:	CTXG8102 OHM M9D220189-1	**Data Analyzed:**	22 Apr 1999 15:51
Misc. Info:	500ml 18708-947 TEDLAR	**Method:**	MSA0422
Data Name:	a2558.d	**Shift Call.File:**	CC04221.D
Data Path:	d:\gcmsa~1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.04	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	0.21	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.00	ND	0.0112
9)	1,1-Dichloroethene	0.02	0.0142	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	ND	0.0237
13)	Methylene Chloride	-0.01	ND	0.0069
14)	t-1,2-Dichloroethene	-0.09	ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	-0.14	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		ND	0.0109
21)	Carbon Tetrachloride	0.02	ND	0.0126
23)	Benzene	0.19	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.01	0.7746	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.35	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.12	ND	0.0409
32)	Toluene	-0.05	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.06	ND	0.0109
36)	Tetrachloroethene	-0.03	0.0359	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	-0.00	ND	0.0087
43)	o-Xylene	0.14	ND	0.0087
44)	Styrene	0.05	ND	0.0085
45)	Bromoform		ND	0.0206

APR 23'99 16:30 FR (14 258 0921 TO 19494/55455 P.11

Sample Name:	CTXG8102 OHM M9D220189-1	Data Analyzed:	04/22/19 -1:5:
Misc. Info:	500ml 18708-947 TEDLAR	Method:	MSA0422
Data Name:	a2558.d	Shift Call.File:	CC04221.D
Data Path:	d:\gcmsa-1\990419\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.22	ND	0.0518
49)	4-Ethyl Toluene	0.22	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.10	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.14	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	0.076

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	302250	390839	OK	7.55	7.56	OK
1,4-Difluorobenzene	1485380	1775222	OK	9.26	9.26	OK
Chlorobenzene-d5	758402	993516	OK	14.73	14.61	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.68	103.4
Toluene-d8	50	45.38	90.8
4-Bromofluorobenzene	50	52.85	105.7

Comments:

Foot Notes:

1st Review: PN 4/23/99 2nd Review M0042399

APR 23'99 16:30 FR 714 258 0921 TO 19494755433 P.12

Quanterra Air Toxics Lab

Sample Name:	CTXGG102 OHM M9D220189-2	**Data Analyzed:**	22 Apr 1999 17:42
Misc. Info:	3ml 18708-948 TEDLAR	**Method:**	MSA0422
Data Name:	A2561.D	**Shift Call.File:**	CC04221.D
Data Path:	D:\GCMSA~1\990419\	**Dilution Factor:**	166.7

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)		ND	1.6453
3)	Chloromethane		ND	1.3743
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.3258
5)	Vinyl Chloride		ND	0.8505
6)	Bromomethane	0.30	ND	1.2919
7)	Chloroethane		ND	1.7557
8)	Trichlorofluoromethane (11)		ND	1.8694
9)	1,1-Dichloroethene	-0.01	29.2672	1.3193
10)	Carbon Disulfide		ND	5.1810
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	10.9348	2.5498
12)	Acetone	0.00	ND	3.9525
13)	Methylene Chloride	0.01	ND	1.1559
14)	t-1,2-Dichloroethene	-0.31	ND	1.3193
15)	1,1-Dichloroethane	0.00	ND	1.3466
16)	Vinyl Acetate	0.21	ND	5.8578
17)	c-1,2-Dichloroethene	-0.03	ND	1.3193
18)	2-Butanone		ND	4.9060
19)	Chloroform	0.01	ND	1.6247
20)	1,1,1-Trichloroethane		ND	1.8154
21)	Carbon Tetrachloride	0.03	ND	2.0931
23)	Benzene		ND	1.0629
25)	1,2-Dichloroethane		ND	1.3466
26)	Trichloroethene	0.01	171.6680	1.7880
27)	1,2-Dichloropropane		ND	1.5376
28)	Bromodichloromethane		ND	2.2294
29)	c-1,3-Dichloropropene		ND	1.5100
30)	4-Methyl-2-Pentanone	-0.02	ND	6.8147
32)	Toluene		ND	~~1.2539~~ 3.13
34)	t-1,3-Dichloropropene		ND	1.5100
35)	1,1,2-Trichloroethane	0.33	ND	1.8154
36)	Tetrachloroethene	0.03	4.3685	2.2568
37)	2-Hexanone		ND	20.4441
38)	Dibromochloromethane		ND	2.8346
39)	1,2-Dibromoethane		ND	2.5565
40)	Chlorobenzene		ND	1.5316
41)	Ethylbenzene	-0.41	ND	1.4446
42)	p,&m-Xylene		ND	1.4446
43)	o-Xylene		ND	1.4446
44)	Styrene		ND	1.4173
45)	Bromoform		ND	3.4394

PCE

APR 23'99 16:30 FR 714 258 0921 TO 19494755433 P.13

Sample Name:	CTXGG102 OHM M9D220189-2	**Data Analyzed:**	04/22/19 -1:7:
Misc. Info:	3ml 18708-948 TEDLAR	**Method:**	MSA0422
Data Name:	A2561.D	**Shift Call.File:**	CC04221.D
Data Path:	D:\GCMSA~1\990419\	**Dilution Factor:**	166.7

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	2.2841
48)	Benzyl Chloride	0.51	ND	8.6284
49)	4-Ethyl Toluene		ND	1.6357
50)	1,3,5-Trimethylbenzene	0.05	ND	1.6357
51)	1,2,4-Trimethylbenzene	-0.06	ND	1.6357
52)	1,3-Dichlorobenzene		ND	2.0004
53)	1,4-Dichlorobenzene		ND	2.0004
54)	1,2-Dichlorobenzene		ND	2.0004
55)	1,2,4-Trichlorobenzene		ND	24.6916
56)	Hexachlorobutadiene		ND	7.0968
	MTBE		N/D	6.00

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	302250	323000	OK	7.55	7.56	OK
1,4-Difluorobenzene	1485360	1586097	OK	9.28	9.29	OK
Chlorobenzene-d5	758402	767121	OK	14.73	14.72	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.33	98.7
Toluene-d8	50	49.33	98.7
4-Bromofluorobenzene	50	46.41	92.8

Comments:

Foot Notes:

1st Review: PN 4/23/99 2nd Review 00042390

Quanterra Air Toxics Lab

Sample Name:	CTXHL102 OHM M9D220189-3	**Data Analyzed:**	22 Apr 1999 15:23
Misc. Info:	500ml 18708-949 TEDLAR	**Method:**	MSA0422
Data Name:	a2557.d	**Shift Call.File:**	CC04221.D
Data Path:	d:\gcmsa–1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)	
2)	Dichlorodifluoromethane (12)	-0.03	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	-0.06	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	0.13	ND	0.0311	
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	0.0546	0.0153	
12)	Acetone	0.02	ND	0.0237	
13)	Methylene Chloride	-0.00	ND	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	-0.03	ND	0.0294	
19)	Chloroform	-0.05	ND	0.0097	
20)	1,1,1-Trichloroethane	-0.01	ND	0.0109	
21)	Carbon Tetrachloride	-0.04	ND	0.0126	
23)	Benzene	0.01	ND	0.0064	
25)	1,2-Dichloroethane		ND	0.0081	
26)	Trichloroethene	-0.01	0.3192	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	0.49	ND	0.0409	
32)	Toluene	-0.08	ND	~~0.0975~~	0.019
34)	t-1,3-Dichloropropene		ND	0.0091	
35)	1,1,2-Trichloroethane		ND	0.0109	
36)	Tetrachloroethene	-0.02	0.0226	0.0135	
37)	2-Hexanone	0.06	ND	0.1226	
38)	Dibromochloromethane		ND	0.0170	
39)	1,2-Dibromoethane		ND	0.0153	
40)	Chlorobenzene		ND	0.0092	
41)	Ethylbenzene	0.06	ND	0.0087	
42)	p,&m-Xylene	0.03	ND	0.0087	
43)	o-Xylene	0.08	ND	0.0087	
44)	Styrene	0.07	ND	0.0085	
45)	Bromoform		ND	0.0206	

APR 23'99 16:31 FR 714 258 0921 TO 19494755433 P.15

Sample Name:	CTXHL102 OHM M9D220189-3	Data Analyzed:	04/22/19 -1:5:
Misc. Info:	500ml 18708-949 TEDLAR	Method:	MSA0422
Data Name:	a2557.d	Shift Call.File:	CC04221.D
Data Path:	d:\gcmsa-1\990419\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.11	ND	0.0518
49)	4-Ethyl Toluene	0.22	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.08	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.16	ND	0.0098
52)	1,3-Dichlorobenzene	0.35	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	302250	335055	OK	7.55	7.57	OK
1,4-Difluorobenzene	1485360	1550229	OK	9.26	9.26	OK
Chlorobenzene-d5	758402	807596	OK	14.73	14.57	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.00	98.0
Toluene-d8	50	44.27	88.5
4-Bromofluorobenzene	50	51.06	102.1

Comments:

Foot Notes:

1st Review: PM 4/23/99 2nd Review 10042399

APR 23'99 16:31 FR 714 258 0921 TO 19494755433 P.15

Quanterra Air Toxics Lab

Sample Name:	CTXHX102 OHM M9D220189-4	**Data Analyzed:**	22 Apr 1999 17:10
Misc. Info:	500ml 18708-950 TEDLAR	**Method:**	MSA0422
Data Name:	A2560.D	**Shift Call.File:**	CC04221.D
Data Path:	D:\GCMSA-1\990419\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.02	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	0.45	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.01	ND	0.0112
9)	1,1-Dichloroethene	0.02	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	0.02	ND	0.0237
13)	Methylene Chloride	0.00	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	-0.35	ND	0.0294
19)	Chloroform	0.02	ND	0.0097
20)	1,1,1-Trichloroethane	0.02	ND	0.0109
21)	Carbon Tetrachloride	-0.05	ND	0.0126
23)	Benzene	-0.01	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	0.01	0.0698	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.32	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.07	ND	0.0409
32)	Toluene	-0.08	ND	~~0.0073~~ 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		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	0.01	ND	0.0087
43)	o-Xylene	0.06	ND	0.0087
44)	Styrene	0.03	ND	0.0085
45)	Bromoform		ND	0.0208

d:\gcmsa-1\990419\a2560.d

Sample Name:	CTXHX102 OHM M9D220189-4	Data Analyzed:	04/22/19 -1:7:
Misc. Info:	500ml 18708-850 TEDLAR	Method:	MSA0422
Data Name:	A2560.D	Shift Call.File:	CC04221.D
Data Path:	D:\GCMSA~1\990419\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.40	ND	0.0518
49)	4-Ethyl Toluene	0.07	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.07	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.10	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene	0.12	ND	0.0120
54)	1,2-Dichlorobenzene	-0.27	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	302250	333358	OK	7.55	7.57	OK
1,4-Difluorobenzene	1485360	1524090	OK	9.26	9.25	OK
Chlorobenzene-d5	758402	813790	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.27	102.5
Toluene-d8	50	44.82	89.6
4-Bromofluorobenzene	50	49.22	98.4

Comments:

Foot Notes:

1st Review: PN 4/23/99 2nd Review 1100423

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
222475

24SVE2 48HR

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L'BIENKOWSKI	LAB COORDINATOR'S PHONE: 949-261-6441	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID: M9D230204	LABORATORY CONTACT: NOELL CRUZ	MAIL REPORT (COMPANY NAME): IT GROUP
PROJECT NAME: EL TORO DO:65	PROJECT LOCATION: MCAS EL TORO 24SVE2	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: 714-258-0921	RECIPIENT NAME: DWAYNE ISHIDA
PROJECT CONTACT: L. BIENKOWSKI	PROJECT PHONE NUMBER: —	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. GRAND		ADDRESS: 33617 MCHALSON
PROJECT ADDRESS: MCAS EL TORO	CITY, STATE AND ZIPCODE: IRVINE CA	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: SANTA ANA CA. 92705		CITY, STATE, AND ZIPCODE: IRVINE CA 92714
PROJECT MANAGER: BILL SKOLAK	PROJECT MANAGER'S PHONE: 949-261-6441	PROJECT MANAGER'S FAX: —			

Analyses: TO-14 CONTAINERS-HOLD; QUANTERRA

Item	Sample Identifier	Matrix	Date 1999	Time	Preserved	# of Cont.	QC Level	T.A.T.									Comments
1	18708-951	VAPOR	4-23	0845	-	2	III	5DA	X								ANALYZE 'A' BAG FIRST
2	18708-952	VAPOR	4-23	0855	-	3	III	5DA	X								
3	18708-953	VAPOR	4-23	0905	-	2	III	5DA	X								
4	18708-954	VAPOR	4-23	0910	-	2	III	24HR	X								
5	18708-955	VAPOR	4-23	0915	-	2	III	24HR	X	X							ANALYZE ONLY IF 18708-954 IS DETECTED
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
Cory Parrish	R Bautista	4-23	1230	

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

24SVE2 48hr.

Sample Point Location	Sample Type G	C	F	QC
1. AMBIENT 24SVE2 48HR	X			
2. INF	X			
3. INF DUPLICATE	X			X
4. MID	X			
5. EFF	X			

Comments

D.Y.
inf, inf. dup, mid, effluent.

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

IT CORPORATION

Client Sample ID: 18708-951

GC/MS Volatiles

Lot-Sample #...: M9D230204-001 **Work Order #...:** CV1HC102 **Matrix.....:** AIR
Date Sampled...: 04/23/99 08:45 **Date Received..:** 04/23/99
Prep Date.....: 04/23/99 **Analysis Date..:** 04/23/99
Prep Batch #...: 9116374 **Analysis Time..:** 15:02
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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)
Acetone	ND	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)
cis-1,2-Dichloroethene	ND	2.0	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)

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IT CORPORATION

Client Sample ID: 18708-951

GC/MS Volatiles

Lot-Sample #...: M9D230204-001 **Work Order #...:** CV1HC102 **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: 18708-952

GC/MS Volatiles

Lot-Sample #...: M9D230204-002 **Work Order #...:** CV1HJ102 **Matrix.....:** AIR
Date Sampled...: 04/23/99 08:55 **Date Received..:** 04/23/99
Prep Date.....: 04/23/99 **Analysis Date..:** 04/23/99
Prep Batch #...: 9116374 **Analysis Time..:** 15:35
Dilution Factor: 170
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	340	ppb(v/v)
Chloromethane	ND	680	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	340	ppb(v/v)
Vinyl chloride	ND	340	ppb(v/v)
Bromomethane	ND	340	ppb(v/v)
Chloroethane	ND	680	ppb(v/v)
Trichlorofluoromethane	ND	340	ppb(v/v)
1,1-Dichloroethene	**6400**	**340**	**ppb(v/v)**
Carbon disulfide	ND	1700	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**1200**	**340**	**ppb(v/v)**
Acetone	ND	1700	ppb(v/v)
Methylene chloride	ND	340	ppb(v/v)
trans-1,2-Dichloroethene	ND	340	ppb(v/v)
1,1-Dichloroethane	ND	340	ppb(v/v)
Vinyl acetate	ND	1700	ppb(v/v)
cis-1,2-Dichloroethene	ND	340	ppb(v/v)
2-Butanone (MEK)	ND	1700	ppb(v/v)
Chloroform	ND	340	ppb(v/v)
1,1,1-Trichloroethane	ND	340	ppb(v/v)
Carbon tetrachloride	ND	340	ppb(v/v)
Benzene	ND	340	ppb(v/v)
1,2-Dichloroethane	ND	340	ppb(v/v)
Trichloroethene	**32000**	**340**	**ppb(v/v)**
1,2-Dichloropropane	ND	340	ppb(v/v)
Bromodichloromethane	ND	340	ppb(v/v)
cis-1,3-Dichloropropene	ND	340	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	1700	ppb(v/v)
Toluene	ND	850	ppb(v/v)
trans-1,3-Dichloropropene	ND	340	ppb(v/v)
1,1,2-Trichloroethane	ND	340	ppb(v/v)
Tetrachloroethene	**620**	**340**	**ppb(v/v)**
2-Hexanone	ND	5100	ppb(v/v)
Dibromochloromethane	ND	340	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	340	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-952

GC/MS Volatiles

Lot-Sample #...: M9D230204-002 **Work Order #...:** CV1HJ102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	340	ppb(v/v)
Ethylbenzene	ND	340	ppb(v/v)
Xylenes (total)	ND	340	ppb(v/v)
Styrene	ND	340	ppb(v/v)
Bromoform	ND	340	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	340	ppb(v/v)
Benzyl chloride	ND	1700	ppb(v/v)
4-Ethyltoluene	ND	340	ppb(v/v)
1,3,5-Trimethylbenzene	ND	340	ppb(v/v)
1,2,4-Trimethylbenzene	ND	340	ppb(v/v)
1,3-Dichlorobenzene	ND	340	ppb(v/v)
1,4-Dichlorobenzene	ND	340	ppb(v/v)
1,2-Dichlorobenzene	ND	340	ppb(v/v)
1,2,4-Trichlorobenzene	ND	3400	ppb(v/v)
Hexachlorobutadiene	ND	680	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	1700	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-953

GC/MS Volatiles

Lot-Sample #...: M9D230204-003 **Work Order #...:** CV1HM102 **Matrix.....:** AIR
Date Sampled...: 04/23/99 09:05 **Date Received..:** 04/23/99
Prep Date.....: 04/23/99 **Analysis Date..:** 04/23/99
Prep Batch #...: 9116374 **Analysis Time..:** 16:07
Dilution Factor: 120
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	240	ppb(v/v)
Chloromethane	ND	480	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	240	ppb(v/v)
Vinyl chloride	ND	240	ppb(v/v)
Bromomethane	ND	240	ppb(v/v)
Chloroethane	ND	480	ppb(v/v)
Trichlorofluoromethane	ND	240	ppb(v/v)
1,1-Dichloroethene	**6400**	**240**	**ppb(v/v)**
Carbon disulfide	ND	1200	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**1300**	**240**	**ppb(v/v)**
Acetone	ND	1200	ppb(v/v)
Methylene chloride	ND	240	ppb(v/v)
trans-1,2-Dichloroethene	ND	240	ppb(v/v)
1,1-Dichloroethane	ND	240	ppb(v/v)
Vinyl acetate	ND	1200	ppb(v/v)
cis-1,2-Dichloroethene	ND	240	ppb(v/v)
2-Butanone (MEK)	ND	1200	ppb(v/v)
Chloroform	ND	240	ppb(v/v)
1,1,1-Trichloroethane	ND	240	ppb(v/v)
Carbon tetrachloride	ND	240	ppb(v/v)
Benzene	ND	240	ppb(v/v)
1,2-Dichloroethane	ND	240	ppb(v/v)
Trichloroethene	**31000**	**240**	**ppb(v/v)**
1,2-Dichloropropane	ND	240	ppb(v/v)
Bromodichloromethane	ND	240	ppb(v/v)
cis-1,3-Dichloropropene	ND	240	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	1200	ppb(v/v)
Toluene	ND	600	ppb(v/v)
trans-1,3-Dichloropropene	ND	240	ppb(v/v)
1,1,2-Trichloroethane	ND	240	ppb(v/v)
Tetrachloroethene	**600**	**240**	**ppb(v/v)**
2-Hexanone	ND	3600	ppb(v/v)
Dibromochloromethane	ND	240	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	240	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-953

GC/MS Volatiles

Lot-Sample #...: M9D230204-003 **Work Order #...:** CV1HM102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	240	ppb(v/v)
Ethylbenzene	ND	240	ppb(v/v)
Xylenes (total)	ND	240	ppb(v/v)
Styrene	ND	240	ppb(v/v)
Bromoform	ND	240	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	240	ppb(v/v)
Benzyl chloride	ND	1200	ppb(v/v)
4-Ethyltoluene	ND	240	ppb(v/v)
1,3,5-Trimethylbenzene	ND	240	ppb(v/v)
1,2,4-Trimethylbenzene	ND	240	ppb(v/v)
1,3-Dichlorobenzene	ND	240	ppb(v/v)
1,4-Dichlorobenzene	ND	240	ppb(v/v)
1,2-Dichlorobenzene	ND	240	ppb(v/v)
1,2,4-Trichlorobenzene	ND	2400	ppb(v/v)
Hexachlorobutadiene	ND	480	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	1200	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-954

GC/MS Volatiles

Lot-Sample #...: M9D230204-004 **Work Order #...:** CV1HQ102 **Matrix.....:** AIR
Date Sampled...: 04/23/99 09:10 **Date Received..:** 04/23/99
Prep Date.....: 04/23/99 **Analysis Date..:** 04/23/99
Prep Batch #...: 9116374 **Analysis Time..:** 14:07
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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	**2.7**	**2.0**	**ppb(v/v)**
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**6.7**	**2.0**	**ppb(v/v)**
Acetone	ND	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)
cis-1,2-Dichloroethene	ND	2.0	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	**110**	**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	**4.5**	**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)

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IT CORPORATION

Client Sample ID: 18708-954

GC/MS Volatiles

Lot-Sample #...: M9D230204-004 **Work Order #...:** CV1HQ102 **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: 18708-955

GC/MS Volatiles

Lot-Sample #...: M9D230204-005 **Work Order #...:** CV1HW102 **Matrix.....:** AIR
Date Sampled...: 04/23/99 09:15 **Date Received..:** 04/23/99
Prep Date.....: 04/23/99 **Analysis Date..:** 04/23/99
Prep Batch #...: 9116374 **Analysis Time..:** 14:35
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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	**2.6**	**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)
Acetone	ND	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)
cis-1,2-Dichloroethene	ND	2.0	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	**35**	**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)

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IT CORPORATION

Client Sample ID: 18708-955

GC/MS Volatiles

Lot-Sample #...: M9D230204-005 **Work Order #...:** CV1HW102 **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: 18708-951

GC/MS Volatiles

Lot-Sample #...: M9D230204-001 **Work Order #...:** CV1HC101 **Matrix.....:** AIR
Date Sampled...: 04/23/99 08:45 **Date Received..:** 04/23/99
Prep Date.....: 04/23/99 **Analysis Date..:** 04/23/99
Prep Batch #...: 9116377 **Analysis Time..:** 15:02
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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
Acetone	ND	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
cis-1,2-Dichloroethene	ND	0.0079	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

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IT CORPORATION

Client Sample ID: 18708-951

GC/MS Volatiles

Lot-Sample #...: M9D230204-001 Work Order #...: CV1HC101 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: 18708-952

GC/MS Volatiles

Lot-Sample #...: M9D230204-002 **Work Order #...:** CV1HJ101 **Matrix.....:** AIR
Date Sampled...: 04/23/99 08:55 **Date Received..:** 04/23/99
Prep Date.....: 04/23/99 **Analysis Date..:** 04/23/99
Prep Batch #...: 9116377 **Analysis Time..:** 15:35
Dilution Factor: 170
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.7	ug/L
Chloromethane	ND	1.4	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.4	ug/L
Vinyl chloride	ND	0.87	ug/L
Bromomethane	ND	1.3	ug/L
Chloroethane	ND	1.9	ug/L
Trichlorofluoromethane	ND	1.9	ug/L
1,1-Dichloroethene	**25**	**1.3**	**ug/L**
Carbon disulfide	ND	5.3	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**9.4**	**2.6**	**ug/L**
Acetone	ND	4.1	ug/L
Methylene chloride	ND	1.2	ug/L
trans-1,2-Dichloroethene	ND	1.3	ug/L
1,1-Dichloroethane	ND	1.4	ug/L
Vinyl acetate	ND	6.0	ug/L
cis-1,2-Dichloroethene	ND	1.3	ug/L
2-Butanone (MEK)	ND	4.9	ug/L
Chloroform	ND	1.6	ug/L
1,1,1-Trichloroethane	ND	1.9	ug/L
Carbon tetrachloride	ND	2.2	ug/L
Benzene	ND	1.1	ug/L
1,2-Dichloroethane	ND	1.4	ug/L
Trichloroethene	**170**	**1.9**	**ug/L**
1,2-Dichloropropane	ND	1.6	ug/L
Bromodichloromethane	ND	2.2	ug/L
cis-1,3-Dichloropropene	ND	1.5	ug/L
4-Methyl-2-pentanone (MIBK)	ND	7.0	ug/L
Toluene	ND	3.2	ug/L
trans-1,3-Dichloropropene	ND	1.5	ug/L
1,1,2-Trichloroethane	ND	1.9	ug/L
Tetrachloroethene	**4.2**	**2.4**	**ug/L**
2-Hexanone	ND	20	ug/L
Dibromochloromethane	ND	2.9	ug/L
1,2-Dibromoethane (EDB)	ND	2.6	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-952

GC/MS Volatiles

Lot-Sample #...: M9D230204-002 **Work Order #...:** CV1HJ101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	1.6	ug/L
Ethylbenzene	ND	1.5	ug/L
Xylenes (total)	ND	1.5	ug/L
Styrene	ND	1.4	ug/L
Bromoform	ND	3.6	ug/L
1,1,2,2-Tetrachloroethane	ND	2.4	ug/L
Benzyl chloride	ND	8.8	ug/L
4-Ethyltoluene	ND	1.7	ug/L
1,3,5-Trimethylbenzene	ND	1.7	ug/L
1,2,4-Trimethylbenzene	ND	1.7	ug/L
1,3-Dichlorobenzene	ND	2.0	ug/L
1,4-Dichlorobenzene	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	2.0	ug/L
1,2,4-Trichlorobenzene	ND	26	ug/L
Hexachlorobutadiene	ND	7.3	ug/L
Methyl tert-butyl ether (MTBE)	ND	6.1	ug/L

IT CORPORATION

Client Sample ID: 18708-953

GC/MS Volatiles

Lot-Sample #...: M9D230204-003 **Work Order #...:** CV1HM101 **Matrix.....:** AIR
Date Sampled...: 04/23/99 09:05 **Date Received..:** 04/23/99
Prep Date.....: 04/23/99 **Analysis Date..:** 04/23/99
Prep Batch #...: 9116377 **Analysis Time..:** 16:07
Dilution Factor: 120
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.2	ug/L
Chloromethane	ND	0.98	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.7	ug/L
Vinyl chloride	ND	0.61	ug/L
Bromomethane	ND	0.94	ug/L
Chloroethane	ND	1.3	ug/L
Trichlorofluoromethane	ND	1.3	ug/L
1,1-Dichloroethene	**25**	**0.95**	**ug/L**
Carbon disulfide	ND	3.7	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**9.6**	**1.8**	**ug/L**
Acetone	ND	2.9	ug/L
Methylene chloride	ND	0.83	ug/L
trans-1,2-Dichloroethene	ND	0.95	ug/L
1,1-Dichloroethane	ND	0.97	ug/L
Vinyl acetate	ND	4.2	ug/L
cis-1,2-Dichloroethene	ND	0.95	ug/L
2-Butanone (MEK)	ND	3.5	ug/L
Chloroform	ND	1.2	ug/L
1,1,1-Trichloroethane	ND	1.3	ug/L
Carbon tetrachloride	ND	1.6	ug/L
Benzene	ND	0.77	ug/L
1,2-Dichloroethane	ND	0.97	ug/L
Trichloroethene	**170**	**1.3**	**ug/L**
1,2-Dichloropropane	ND	1.1	ug/L
Bromodichloromethane	ND	1.6	ug/L
cis-1,3-Dichloropropene	ND	1.1	ug/L
4-Methyl-2-pentanone (MIBK)	ND	4.9	ug/L
Toluene	ND	2.3	ug/L
trans-1,3-Dichloropropene	ND	1.1	ug/L
1,1,2-Trichloroethane	ND	1.3	ug/L
Tetrachloroethene	**4.0**	**1.7**	**ug/L**
2-Hexanone	ND	14	ug/L
Dibromochloromethane	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.8	ug/L

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-953

GC/MS Volatiles

Lot-Sample #...: M9D230204-003 Work Order #...: CV1HM101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	1.1	ug/L
Ethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	2.5	ug/L
1,1,2,2-Tetrachloroethane	ND	1.7	ug/L
Benzyl chloride	ND	6.2	ug/L
4-Ethyltoluene	ND	1.2	ug/L
1,3,5-Trimethylbenzene	ND	1.2	ug/L
1,2,4-Trimethylbenzene	ND	1.2	ug/L
1,3-Dichlorobenzene	ND	1.4	ug/L
1,4-Dichlorobenzene	ND	1.4	ug/L
1,2-Dichlorobenzene	ND	1.4	ug/L
1,2,4-Trichlorobenzene	ND	18	ug/L
Hexachlorobutadiene	ND	5.2	ug/L
Methyl tert-butyl ether (MTBE)	ND	4.3	ug/L

IT CORPORATION

Client Sample ID: 18708-954

GC/MS Volatiles

Lot-Sample #...: M9D230204-004 **Work Order #...:** CV1HQ101 **Matrix.....:** AIR
Date Sampled...: 04/23/99 09:10 **Date Received..:** 04/23/99
Prep Date.....: 04/23/99 **Analysis Date..:** 04/23/99
Prep Batch #...: 9116377 **Analysis Time..:** 14:07
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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	**0.011**	**0.0079**	**ug/L**
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.051**	**0.015**	**ug/L**
Acetone	ND	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
cis-1,2-Dichloroethene	ND	0.0079	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	**0.61**	**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	**0.030**	**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

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IT CORPORATION

Client Sample ID: 18708-954

GC/MS Volatiles

Lot-Sample #...: M9D230204-004 **Work Order #...:** CV1HQ101 **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: 18708-955

GC/MS Volatiles

Lot-Sample #...: M9D230204-005 **Work Order #...:** CV1HW101 **Matrix.....:** AIR
Date Sampled...: 04/23/99 09:15 **Date Received..:** 04/23/99
Prep Date.....: 04/23/99 **Analysis Date..:** 04/23/99
Prep Batch #...: 9116377 **Analysis Time..:** 14:35
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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	**0.010**	**0.0079**	**ug/L**
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
Acetone	ND	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
cis-1,2-Dichloroethene	ND	0.0079	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	**0.19**	**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

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IT CORPORATION

Client Sample ID: 18708-955

GC/MS Volatiles

Lot-Sample #...: M9D230204-005 Work Order #...: CV1HW101 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

03301

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

CHAIN-OF-CUSTODY RECORD

18"

PROJECT DATA MANAGER'S COPY
222476

24SVE2 5day 24hr

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)
L. Bienkowski	(949) 261-6441	(949) 475-5433	M9D260194	Neil Crup	IT Group

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
El Toro - SVE 2	MCAS El Toro	18708	(714) 258-8610	(714) 258-0721	Duwayne Ishida

PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS	ADDRESS
L. Bienkowski	—	—	1721 S. Grand	3347 Michelson Suite 200

PROJECT ADDRESS	CITY, STATE AND ZIPCODE	CLIENT	CITY, STATE AND ZIPCODE	CITY, STATE, AND ZIPCODE
MCAS El Toro	Irvine, CA	SWDIV	Santa Ana CA 92704	Irvine, CA 92612

PROJECT MANAGER	PROJECT MANAGER'S PHONE	PROJECT MANAGER'S FAX
B. Sedlak	(949) 261-6441	—

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: Contract-Hold	Comments
1	18708-956	vapor	4/26/99	~~0955~~	–	2	III	5day	X		Analyze "A" Bag First
2	18708-957	vapor	4/26/99	1125	–	3	III	5day	X		
3	18708-958	vapor	4/26/99	1135	–	2	III	24hr	X		
4	18708-959	vapor	4/26/99	1140	–	2	III	24hr	X ~~X~~		Analyze only if 18708-958 is detected
5	~~18708-960~~	vapor	4/26/99		–						
6											
7											
8											
9											
10											

SAMPLES COLLECTED BY:	COURIER AND AIR BILL NUMBER:	COOLER TEMPERATURE UPON RECEIPT:
Lia Bienkowski	Courier	

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Lia Bienkowski	[illegible]	4/26/99	1207	
	[illegible]	4/26/99	2:50 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

24SVE2
5day

Sample Point Location	Sample Type: G	C	F	QC
1. Ambient - 24SVE2	X			
2. Influent - 24SVE2	X			
3. Midpoint - 24SVE2	X			
4. Effluent - 24SVE2	X			

Comment

D.V.
Effluent

Sa

id Sample.

24SVE2 / 5day ✓

4/26/99 – Monday

D:\GCMSA – 1\990426\A2582.D

Quanterra Air Toxics Lab

Sample Name:	CV41P102 OHM M9D260194-1	Data Analyzed:	26 Apr 1999 16:58
Misc. Info:	500ml 18708-656 TEDLAR	Method:	MSA0426
Data Name:	A2582.D	Shift Call.File:	CC04261.D
Data Path:	D:\GCMSA-1\990426\	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)	0.01	ND	2.00
9)	1,1-Dichloroethane	0.01	2.65	2.00
10)	Carbon Disulfide	0.04	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.04	ND	2.00
12)	Acetone	-0.01	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	0.04	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	-0.03	ND	10.00
19)	Chloroform	-0.03	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		ND	2.00
26)	Trichloroethene	-0.00	116.96	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.32	ND	2.00
30)	4-Methyl-2-Pentanone	-0.14	ND	10.00
32)	Toluene	-0.10	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.07	ND	2.00
36)	Tetrachloroethene	-0.05	6.14	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	0.02	ND	2.00
43)	o-Xylene	0.02	ND	2.00
44)	Styrene	0.04	ND	2.00
45)	Bromoform		ND	2.00

APR 27'99 16:09 FR 714 258 0921 TO 19494748309 P.04

Sample Name:	CV41P102 OHM M9D260194-1	**Date Analyzed:**	04/26/19 -1:6:
Misc. Info:	500ml 18708-956 TEDLAR	**Method:**	MSA0426
Data Name:	A2582.D	**Shift Call.File:**	CC04261.D
Data Path:	D:\GCMSA-1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.11	ND	10.00
49)	4-Ethyl Toluene	0.10	ND	2.00
50)	1,3,5-Trimethylbenzene	-0.01	ND	2.00
51)	1,2,4-Trimethylbenzene	0.11	ND	2.00
52)	1,3-Dichlorobenzene		ND	2.00
53)	1,4-Dichlorobenzene	0.08	ND	2.00
54)	1,2-Dichlorobenzene		ND	2.00
55)	1,2,4-Trichlorobenzene		ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		N/D	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	298127	342063	OK	7.54	7.58	OK
1,4-Difluorobenzene	1397548	1536860	OK	9.25	9.27	OK
Chlorobenzene-d5	741012	822026	OK	14.72	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.31	98.6
Toluene-d8	50	44.71	89.4
4-Bromofluorobenzene	50	49.26	98.5

Comments:

Foot Notes:

1st Review: PNS 4/27/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV41V102 OHM M9D260194-2	**Data Analyzed:**	26 Apr 1999 17:24
Misc. Info:	4ml 18706-957 TEDLAR	**Method:**	MSA0426
Data Name:	A2583.D	**Shift Cali.File:**	CC04261.D
Data Path:	D:\GCMSA~1\990426\	**Dilution Factor:**	125

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	250.00
3)	Chloromethane		ND	500.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	250.00
5)	Vinyl Chloride		ND	250.00
6)	Bromomethane	-0.20	ND	250.00
7)	Chloroethane		ND	500.00
8)	Trichlorofluoromethane (11)		ND	250.00
9)	1,1-Dichloroethene	-0.01	5264.92	250.00
10)	Carbon Disulfide		ND	1250.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	929.49	250.00
12)	Acetone	-0.10	ND	1250.00
13)	Methylene Chloride	0.02	ND	250.00
14)	t-1,2-Dichloroethene	-0.25	ND	250.00
15)	1,1-Dichloroethane	0.02	ND	250.00
16)	Vinyl Acetate	0.12	ND	1250.00
17)	c-1,2-Dichloroethene	-0.25	ND	250.00
18)	2-Butanone		ND	1250.00
19)	Chloroform	-0.02	ND	250.00
20)	1,1,1-Trichloroethane		ND	250.00
21)	Carbon Tetrachloride	0.02	ND	250.00
23)	Benzene		ND	250.00
25)	1,2-Dichloroethane		ND	250.00
26)	Trichloroethene	0.01	26896.05	250.00
27)	1,2-Dichloropropane		ND	250.00
28)	Bromodichloromethane		ND	250.00
29)	c-1,3-Dichloropropene		ND	250.00
30)	4-Methyl-2-Pentanone	-0.06	ND	1250.00
32)	Toluene		ND	~~250.00~~ 625
34)	t-1,3-Dichloropropene		ND	250.00
35)	1,1,2-Trichloroethane	0.14	ND	250.00
36)	Tetrachloroethene	0.02	543.43	250.00
37)	2-Hexanone		ND	3750.00
38)	Dibromochloromethane		ND	250.00
39)	1,2-Dibromoethane		ND	250.00
40)	Chlorobenzene		ND	250.00
41)	Ethylbenzene	-0.38	ND	250.00
42)	p,&m-Xylene		ND	250.00
43)	o-Xylene		ND	250.00
44)	Styrene		ND	250.00
45)	Bromoform		ND	250.00

Sample Name:	CV41V102 OHM M9D260194-2	Data Analyzed:	04/26/19 -1:7:
Misc. Info:	4ml 18708-957 TEDLAR	Method:	MSA0426
Data Name:	A2583.D	Shift Cali.File:	CC04261.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	125

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	250.00
48) Benzyl Chloride		ND	1250.00
49) 4-Ethyl Toluene		ND	250.00
50) 1,3,5-Trimethylbenzene		ND	250.00
51) 1,2,4-Trimethylbenzene		ND	250.00
52) 1,3-Dichlorobenzene		ND	250.00
53) 1,4-Dichlorobenzene		ND	250.00
54) 1,2-Dichlorobenzene		ND	250.00
55) 1,2,4-Trichlorobenzene		ND	2500.00
56) Hexachlorobutadiene		ND	500.00
MTBE		N/D	1250

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	296127	340899	OK	7.54	7.60	OK
1,4-Difluorobenzene	1397548	1591311	OK	9.25	9.30	OK
Chlorobenzene-d5	741012	775774	OK	14.72	14.75	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.51	97.0
Toluene-d8	50	47.51	95.0
4-Bromofluorobenzene	50	44.84	89.7

Comments:

Foot Notes:

1st Review: PLS 4/27/99

2nd Review:

APR 27'99 16:10 FR 714 258 0921 TO 19494748309 P.07

Quanterra Air Toxics Lab

Sample Name:	CV41W102 OHM M9D260194-3	**Data Analyzed:**	26 Apr 1999 16:28
Misc. Info:	500ml 18708-958 TEDLAR	**Method:**	MSA0426
Data Name:	A2581.D	**Shift Call.File:**	CC04261.D
Data Path:	D:\GCMSA~1\990426\	**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		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	0.02	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.00	12.83	2.00
12) Acetone	0.02	ND	10.00
13) Methylene Chloride	0.03	2.14	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	0.14	ND	2.00
20) 1,1,1-Trichloroethane		ND	2.00
21) Carbon Tetrachloride	0.01	ND	2.00
23) Benzene	0.00	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	-0.00	37.67	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane		ND	2.00
29) c-1,3-Dichloropropene	0.36	ND	2.00
30) 4-Methyl-2-Pentanone	0.25	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		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	0.01	ND	2.00
44) Styrene	0.03	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CV41W102 OHM M9D260194-3	Data Analyzed:	04/26/19 -1:6:
Misc. Info:	500ml 18706-958 TEDLAR	Method:	MSA0426
Data Name:	A2581.D	Shift Call.File:	CC04261.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	-0.07	ND	10.00
49) 4-Ethyl Toluene	0.06	ND	2.00
50) 1,3,5-Trimethylbenzene	0.13	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		ND	20.00
56) Hexachlorobutadiene		ND	4.00
MTBE		N/D	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	296127	330049	OK	7.54	7.57	OK
1,4-Difluorobenzene	1397548	1493102	OK	9.25	9.25	OK
Chlorobenzene-d5	741012	820201	OK	14.72	14.68	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.05	102.1
Toluene-d8	50	47.95	95.9
4-Bromofluorobenzene	50	48.49	97.0

Comments:

Foot Notes:

1st Review: PN 4/27/99

2nd Review:

APR 27'99 16:10 FR 714 258 0921 TO 19494748309 P.09

Quanterra Air Toxics Lab

Sample Name:	CV41X102 OHM M9D260194-4	Data Analyzed:	26 Apr 1999 17:51
Misc. Info:	500ml 18708-959 TEDLAR	Method:	MSA0426
Data Name:	A2584.D	Shift Cal.File:	CC04261.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.03	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)	-0.00	ND	2.00
9)	1,1-Dichloroethene	0.00	5.26	2.00
10)	Carbon Disulfide	0.01	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	5.01	2.00
12)	Acetone	0.04	ND	10.00
13)	Methylene Chloride	0.02	3.84	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.01	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	-0.05	ND	10.00
19)	Chloroform		ND	2.00
20)	1,1,1-Trichloroethane		ND	2.00
21)	Carbon Tetrachloride	-0.02	ND	2.00
23)	Benzene	0.00	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.00	12.19	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	-0.15	ND	2.00
30)	4-Methyl-2-Pentanone	-0.13	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	0.46	ND	2.00
36)	Tetrachloroethene	-0.03	ND	2.00
37)	2-Hexanone	0.17	ND	30.00
38)	Dibromochloromethane	-0.47	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	0.00	ND	2.00
43)	o-Xylene	0.03	ND	2.00
44)	Styrene	0.01	ND	2.00
45)	Bromoform		ND	2.00

APR 27'99 16:10 FR 714 258 0921 TO 19494748509 P.10

Sample Name:	CV41X102 OHM M9D260194-4	Data Analyzed:	04/26/19 -1:7:
Misc. Info:	500ml 18708-959 TEDLAR	Method:	MSA0426
Data Name:	A2584.D	Shift Call.File:	CC04261.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.40	ND	10.00
49) 4-Ethyl Toluene	-0.03	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.06	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		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	296127	343713	OK	7.54	7.58	OK
1,4-Difluorobenzene	1397548	1550701	OK	9.25	9.27	OK
Chlorobenzene-d5	741012	827996	OK	14.72	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.01	102.0
Toluene-d8	50	39.21	78.4
4-Bromofluorobenzene	50	49.25	98.5

Comments:

Foot Notes:

1st Review: PN 4/27/99

2nd Review:

APR 27'99 16:10 FR 714 258 0921 TO 19494748309 P.11

Quanterra Air Toxics Lab

Sample Name:	CV41P102 OHM M9D260194-1	**Data Analyzed:**	26 Apr 1999 16:56
Misc. Info:	500ml 18706-966 TEDLAR	**Method:**	MSA0426
Data Name:	A2582.D	**Shift Call.File:**	CC04261.D
Data Path:	D:\GCMSA~1\990426\	**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)	0.01	ND	0.0112
9)	1,1-Dichloroethene	0.01	0.0105	0.0079
10)	Carbon Disulfide	0.04	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.04	ND	0.0153
12)	Acetone	-0.01	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	0.04	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	-0.03	ND	0.0294
19)	Chloroform	-0.03	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		ND	0.0081
26)	Trichloroethene	-0.00	0.6272	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.32	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.14	ND	0.0409
32)	Toluene	-0.10	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.07	ND	0.0109
36)	Tetrachloroethene	-0.05	0.0416	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	0.02	ND	0.0087
43)	o-Xylene	0.02	ND	0.0087
44)	Styrene	0.04	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CV41P102 OHM M9D260194-1	Data Analyzed:	04/26/19 -1:6:
Misc. Info:	500ml 18708-956 TEDLAR	Method:	MSA0426
Data Name:	A2582.D	Shift Call.File:	CC04261.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.11	ND	0.0518
49)	4-Ethyl Toluene	0.10	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.01	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.11	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene	0.06	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	296127	342063	OK	7.54	7.58	OK
1,4-Difluorobenzene	1397548	1536860	OK	9.25	9.27	OK
Chlorobenzene-d5	741012	822026	OK	14.72	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.31	98.6
Toluene-d8	50	44.71	89.4
4-Bromofluorobenzene	50	49.26	98.5

Comments:

Foot Notes:

1st Review: PKL 4/27/99 2nd Review

APR 27'99 16:16 FR 714 258 0921 TO 19494748309 P.02

Quanterra Air Toxics Lab

Sample Name:	CV41V102 OHM M9D280194-2	Data Analyzed:	26 Apr 1999 17:24
Misc. Info:	4ml 18708-957 TEDLAR	Method:	MSA0426
Data Name:	a2583.d	Shift Calf.File:	CC04261.D
Data Path:	d:\gcmsa~1\990426\	Dilution Factor:	125

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)		ND	1.2338
3)	Chloromethane		ND	1.0305
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	1.7440
5)	Vinyl Chloride		ND	0.6378
6)	Bromomethane	-0.20	ND	0.9688
7)	Chloroethane		ND	1.3165
8)	Trichlorofluoromethane (11)		ND	1.4018
9)	1,1-Dichloroethene	-0.01	20.8333	0.9893
10)	Carbon Disulfide		ND	3.8850
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	7.1087	1.9120
12)	Acetone	-0.10	ND	2.9638
13)	Methylene Chloride	0.02	ND	0.8668
14)	t-1,2-Dichloroethene	-0.25	ND	0.9893
15)	1,1-Dichloroethane	0.02	ND	1.0098
16)	Vinyl Acetate	0.12	ND	4.3925
17)	c-1,2-Dichloroethene	-0.25	ND	0.9893
18)	2-Butanone		ND	3.6788
19)	Chloroform	-0.02	ND	1.2183
20)	1,1,1-Trichloroethane		ND	1.3613
21)	Carbon Tetrachloride	0.02	ND	1.5695
23)	Benzene		ND	0.7970
25)	1,2-Dichloroethane		ND	1.0098
26)	Trichloroethene	0.01	144.2435	1.3408
27)	1,2-Dichloropropane		ND	1.1530
28)	Bromodichloromethane		ND	1.6718
29)	c-1,3-Dichloropropene		ND	1.1323
30)	4-Methyl-2-Pentanone	-0.06	ND	5.1100
32)	Toluene		ND	~~0.9403~~ 2.35
34)	t-1,3-Dichloropropene		ND	1.1323
35)	1,1,2-Trichloroethane	0.14	ND	1.3613
36)	Tetrachloroethene	0.02	3.6785	1.6923
37)	2-Hexanone		ND	15.3300
38)	Dibromochloromethane		ND	2.1255
39)	1,2-Dibromoethane		ND	1.9170
40)	Chlorobenzene		ND	1.1485
41)	Ethylbenzene	-0.38	ND	1.0833
42)	p,&m-Xylene		ND	1.0833
43)	o-Xylene		ND	1.0833
44)	Styrene		ND	1.0828
45)	Bromoform		ND	2.5790

APR 27'99 16:17 FR 714 258 0921 TO 19434/48505 P.03

Sample Name:	CV41V102 OHM M9D260194-2	**Data Analyzed:**	04/26/19 -1:7:
Misc. Info:	4ml 18708-957 TEDLAR	**Method:**	MSA0426
Data Name:	a2583.d	**Shift Cal.File:**	CC04261.D
Data Path:	d:\gcmsa-1\990426\	**Dilution Factor:**	125

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.7128
48)	Benzyl Chloride		ND	6.4700
49)	4-Ethyl Toluene		ND	1.2265
50)	1,3,5-Trimethylbenzene		ND	1.2265
51)	1,2,4-Trimethylbenzene		ND	1.2265
52)	1,3-Dichlorobenzene		ND	1.5000
53)	1,4-Dichlorobenzene		ND	1.5000
54)	1,2-Dichlorobenzene		ND	1.5000
55)	1,2,4-Trichlorobenzene		ND	18.5150
56)	Hexachlorobutadiene		ND	5.3215
	MTBE		ND	4.5

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	296127	340699	OK	7.54	7.60	OK
1,4-Difluorobenzene	1397548	1591311	OK	9.25	9.30	OK
Chlorobenzene-d5	741012	775774	OK	14.72	14.75	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.51	97.0
Toluene-d8	50	47.51	95.0
4-Bromofluorobenzene	50	44.84	89.7

Comments:

Foot Notes:

1st Review: PAS 4/27/99 2nd Review

APR 27'99 16:17 FR 714 258 0921 TO 19494748309 P.04

Quanterra Air Toxics Lab

Sample Name:	CV41W102 OHM M9D260194-3	**Data Analyzed:**	26 Apr 1999 16:28
Misc. Info:	500ml 18708-968 TEDLAR	**Method:**	MSA0426
Data Name:	a2581.d	**Shift Call.File:**	CC04261.D
Data Path:	d:\gcmsa~1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.03	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)	0.00	ND	0.0112
9)	1,1-Dichloroethene	0.01	ND	0.0079
10)	Carbon Disulfide	0.02	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	0.0981	0.0153
12)	Acetone	0.02	ND	0.0237
13)	Methylene Chloride	0.03	0.0074	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	0.14	ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride	0.01	ND	0.0126
23)	Benzene	0.00	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.00	0.2020	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.36	ND	0.0091
30)	4-Methyl-2-Pentanone	0.25	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		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	0.01	ND	0.0087
44)	Styrene	0.03	ND	0.0085
45)	Bromoform		ND	0.0206

APR 27'99 16:17 FR 714 258 0921 TO 19494748309 P.05

Sample Name:	CV41W102 OHM M9D260194-3	Data Analyzed:	04/26/19 -1:6:
Misc. Info:	500ml 18708-958 TEDLAR	Method:	MSA0426
Data Name:	a2581.d	Shift CalFile:	CC04261.D
Data Path:	d:\gcmsa-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	-0.07	ND	0.0518
49)	4-Ethyl Toluene	0.06	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.13	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		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	296127	330049	OK	7.54	7.57	OK
1,4-Difluorobenzene	1397548	1493102	OK	9.25	9.25	OK
Chlorobenzene-d5	741012	820201	OK	14.72	14.68	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.05	102.1
Toluene-d8	50	47.95	95.9
4-Bromofluorobenzene	50	48.49	97.0

Comments:

Foot Notes:

1st Review: PH 4/27/99 2nd Review

APR 27'99 16:17 FR 714 258 0921 TO 19494748309 P.06

Quanterra Air Toxics Lab

Sample Name:	CV41X102 OHM M9D260194-4	Data Analyzed:	26 Apr 1999 17:51
Misc. Info:	500ml 18708-959 TEDLAR	Method:	MSA0426
Data Name:	A2584.D	Shift Call.File:	CC04261.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.03	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)	-0.00	ND	0.0112
9)	1,1-Dichloroethene	0.00	0.0208	0.0079
10)	Carbon Disulfide	0.01	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	0.0383	0.0153
12)	Acetone	0.04	ND	0.0237
13)	Methylene Chloride	0.02	0.0133	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.01	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	-0.05	ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride	-0.02	ND	0.0126
23)	Benzene	0.00	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.00	0.0654	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	-0.15	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.13	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	0.46	ND	0.0109
36)	Tetrachloroethene	-0.03	ND	0.0135
37)	2-Hexanone	0.17	ND	0.1226
38)	Dibromochloromethane	-0.47	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	0.00	ND	0.0087
43)	o-Xylene	0.03	ND	0.0087
44)	Styrene	0.01	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CV41X102 OHM M9D260194-4	Data Analyzed:	04/26/19 -1:7:
Misc. Info:	500ml 18708-959 TEDLAR	Method:	MSA0426
Data Name:	A2584.D	Shift Cali.File:	CC04261.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.40	ND	0.0518
49)	4-Ethyl Toluene	-0.03	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.06	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		ND	0.0120
55)	1,2,4-Trichlorobenzene		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		NO	0.016

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	298127	343713	OK	7.54	7.58	OK
1,4-Difluorobenzene	1397548	1550701	OK	9.25	9.27	OK
Chlorobenzene-d5	741012	827996	OK	14.72	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.01	102.0
Toluene-d8	50	39.21	78.4
4-Bromofluorobenzene	50	49.25	98.5

Comments:

Foot Notes:

1st Review: PU 4/27/99 2nd Review

APR 27'99 16:18 FR 714 258 0921 TO 19494748309 P.08

18708-0600 3301

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

217022

24SVE2 WEEKLY

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)
L. BIRNKOWSKI	949-261-6441	949-475-5433	MAD290255	NORA CRUZ	IT GROUP

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
EL TORO-24SVE2	MCAS EL TORO	18708	714-258-6510	714-258-0721	DUAYNE ISHIDA

PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS	ADDRESS
L. BIRNKOWSKI	—	—	1721 S. GRAND	3347 MICHELSON STR 200

PROJECT ADDRESS	CITY, STATE AND ZIPCODE	CLIENT	CITY, STATE, AND ZIPCODE	CITY, STATE, AND ZIPCODE
MCAS EL TORO	IRVINE, CA.	SWDIV	SANTA ANA CA 92704	IRVINE CA 92614

PROJECT MANAGER	PROJECT MANAGER'S PHONE	PROJECT MANAGER'S FAX
B. SANDLAIR	949-261-6441	

Item	Sample Identifier	Matrix	Date (1997)	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Analyses CONTINUOUS NITROGEN	Comments
											QUANTERRA ANALYZER A BAG FIRST
1	18708-1017	VAPOR	4-29	1040	—	2	III	5DA	X		
2	18708-1018	VAPOR	4-29	1045	—	3	III	5DA	X		
3	18708-1019	VAPOR	4-29	1050	—	2	III	5DA	X		
4	18708-1020	VAPOR	4-29	1055	—	2	III	24HR	X		
5	18708-1021	VAPOR	4-29	1100	—	2	III	24HR	X	X (LB)	ANALYZER ONLY IF 18708-1020 IS DETECTED
6											
7											
8											
9											
10											

SAMPLES COLLECTED BY: C. HARRIST

COURIER AND AIR BILL NUMBER: COURIER

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
[signature]		4-29-97		

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

Project Inform
For Project Pe
Do Not Submi

24SVE2 WEEKLY

Sample Point Location	G	C	F	QC
1. AMBIENT 24SVE2 1WK	X			X
2. INFLUENT 24SVE2 1WK	X			
3. INFLUENT 24SVE2 1WK DUP	X			X
4. MIDPOINT 24SVE2 1WK	X			
5. EFFLUENT 24SVE2				

Comments

D.V.
inf, inf dup
mid, effluent

- Field Sample.

24SVE2 | weekly

4/29 → Thurs.

D:\GCMSB\990426\B1573.D

Quanterra Air Toxics Lab

Sample Name:	CV8K3102 OHM M9D290255-1	**Data Analyzed:**	30 Apr 1999 11:42
Misc. Info:	500 ml 18708-1017 TEDLAR BAG	**Method:**	MSB0430
Data Name:	B1573.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSB\990426\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.09	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)	-0.04	ND	2.00
9) 1,1-Dichloroethene	0.01	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	-0.00	ND	10.00
13) Methylene Chloride	-0.02	2.10	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
18) 2-Butanone	0.03	ND	10.00
19) Chloroform		ND	2.00
20) 1,1,1-Trichloroethane	0.01	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	-0.02	ND	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane	-0.39	ND	2.00
29) c-1,3-Dichloropropene	-0.47	ND	2.00
30) 4-Methyl-2-Pentanone	-0.13	ND	10.00
32) Toluene	-0.07	ND	~~2.00~~ 5.0 4/30/99
34) t-1,3-Dichloropropene	0.33	ND	~~2.00~~ 5.0 2.0
35) 1,1,2-Trichloroethane	-0.14	ND	2.00
36) Tetrachloroethene	-0.02	2.80	2.00
37) 2-Hexanone	-0.29	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	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:	CV8K3102 OHM M9D290255-1	**Data Analyzed:**	04/30/19 -1:1:
Misc. Info:	500 ml 18708-1017 TEDLAR BAG	**Method:**	MSB0430
Data Name:	B1573.D	**Shift Cali.File:**	CC04301.D
Data Path:	D:\GCMSB\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.10	ND	2.00
48)	Benzyl Chloride	0.02	ND	10.00
49)	4-Ethyl Toluene	0.07	ND	2.00
50)	1,3,5-Trimethylbenzene	0.10	ND	2.00
51)	1,2,4-Trimethylbenzene	-0.05	ND	2.00
52)	1,3-Dichlorobenzene	0.19	ND	2.00
53)	1,4-Dichlorobenzene	-0.02	ND	2.00
54)	1,2-Dichlorobenzene	-0.31	ND	2.00
55)	1,2,4-Trichlorobenzene	0.19	ND	20.00
56)	Hexachlorobutadiene	-0.48	ND	4.00
	MTBE		ND	10.0

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	251724	251975	OK	7.07	7.07	OK
1,4-Difluorobenzene	1182036	1206512	OK	8.70	8.70	OK
Chlorobenzene-d5	638796	679954	OK	14.02	13.89	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.36	96.7
Toluene-d8	50	42.90	85.8
4-Bromofluorobenzene	50	47.85	95.7

Comments:

Foot Notes:

1st Review: pm 5/3/99 ~~AA 5/3/99~~

2nd Review:

MAY 6'99 15:16 FR (14 258 0921 TO 19494(55433 P.04

Quanterra Air Toxics Lab

Sample Name:	CV8K102 OHM M9D290255-2	Data Analyzed:	30 Apr 1999 18:34
Misc. Info:	5ml 18708-1018 TEDLAR	Method:	MSA0430
Data Name:	A2645.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	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	-0.05	ND	200.00
7)	Chloroethane		ND	400.00
8)	Trichlorofluoromethane (11)		ND	200.00
9)	1,1-Dichloroethene	-0.01	4159.98	200.00
10)	Carbon Disulfide		ND	1000.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	748.25	200.00
12)	Acetone	0.03	ND	1000.00
13)	Methylene Chloride	-0.01	ND	200.00
14)	t-1,2-Dichloroethene	-0.07	ND	200.00
15)	1,1-Dichloroethane	-0.02	ND	200.00
16)	Vinyl Acetate	-0.09	ND	1000.00
17)	c-1,2-Dichloroethene		ND	200.00
18)	2-Butanone		ND	1000.00
19)	Chloroform	-0.02	ND	200.00
20)	1,1,1-Trichloroethane		ND	200.00
21)	Carbon Tetrachloride	0.01	ND	200.00
23)	Benzene	0.00	ND	200.00
25)	1,2-Dichloroethane		ND	200.00
26)	Trichloroethene	0.03	22209.40	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	-0.02	ND	1000.00
32)	Toluene		ND	~~200.00~~ 500
34)	t-1,3-Dichloropropene		ND	200.00
35)	1,1,2-Trichloroethane	0.28	ND	200.00
36)	Tetrachloroethene	0.03	440.38	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	-0.38	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:	CV8K8102 OHM M9D290255-2	Data Analyzed:	04/30/19 -1:8:
Misc. Info:	5ml 18708-1018 TEDLAR	Method:	MSA0430
Data Name:	A2645.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	100

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.52	ND	200.00
48) Benzyl Chloride	-0.25	ND	1000.00
49) 4-Ethyl Toluene	0.36	ND	200.00
50) 1,3,5-Trimethylbenzene	-0.01	ND	200.00
51) 1,2,4-Trimethylbenzene	-0.04	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	316414	347303	OK	7.54	7.57	OK
1,4-Difluorobenzene	1467340	1638372	OK	9.25	9.29	OK
Chlorobenzene-d5	749756	798963	OK	14.72	14.74	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.53	101.1
Toluene-d8	50	48.94	97.9
4-Bromofluorobenzene	50	46.09	92.2

Comments:

Foot Notes:

1st Review: PK 5/3/99

2nd Review:

MAY 6'99 15:16 FR 714 258 0921 10 19494/55433 P.06

Quanterra Air Toxics Lab

Sample Name:	CV8K5102 OHM M9D290255-3	Data Analyzed:	30 Apr 1999 19:01
Misc. Info:	5ml 18708-1019 TEDLAR	Method:	MSA0430
Data Name:	A2646.D	Shift Cali.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	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	0.11	ND	200.00
7) Chloroethane		ND	400.00
8) Trichlorofluoromethane (11)		ND	200.00
9) 1,1-Dichloroethene	-0.01	4126.74	200.00
10) Carbon Disulfide		ND	1000.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	784.02	200.00
12) Acetone	-0.05	ND	1000.00
13) Methylene Chloride	0.02	ND	200.00
14) t-1,2-Dichloroethene		ND	200.00
15) 1,1-Dichloroethane	0.00	ND	200.00
16) Vinyl Acetate	-0.07	ND	1000.00
17) c-1,2-Dichloroethene	0.00	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	-0.04	ND	200.00
23) Benzene	0.03	ND	200.00
25) 1,2-Dichloroethane		ND	200.00
26) Trichloroethene	0.02	22617.61	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	-0.04	ND	1000.00
32) Toluene		ND	~~200.00~~ 500
34) t-1,3-Dichloropropene		ND	200.00
35) 1,1,2-Trichloroethane	0.13	ND	200.00
36) Tetrachloroethene	0.00	432.75	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	-0.42	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

MAY 6'99 15:17 FR

Sample Name:	CV8K5102 OHM M9D290255-3	Date Analyzed:	04/30/19 -1:9:
Misc. Info:	5ml 18708-1019 TEDLAR	Method:	MSA0430
Data Name:	A2646.D	Shift Cali.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	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	0.23	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	316414	349784	OK	7.54	7.60	OK
1,4-Difluorobenzene	1467340	1629847	OK	9.25	9.31	OK
Chlorobenzene-d5	749756	810294	OK	14.72	14.76	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.54	103.1
Toluene-d8	50	50.35	100.7
4-Bromofluorobenzene	50	44.67	89.3

Comments:

Foot Notes:

1st Review: P M 5/3/99

2nd Review:

MAY 6'99 15:17 FR 714 258 0921 TO 19494/55433 P.08

TENTATIVELY IDENTIFIED COMPOUNDS

SANTA ANA - AIR TOXICS

CLIENT ID: 18708-1019

SAMPLE NO: M9024025S-3

ANALYSIS DATE: 4/20/99

DILUTION FACTOR: 100

DATA FILE: A2646

RETEN. TIME	CAS NO.	COMPOUND	CONC. (ppbv)
NO TIC	FOUND	> 10% INTERNAL STD	AREA

COMMENTS:

REDUCED BY: PM 5/3/99

REVIEWED BY:

TIC.XLS

245FE 2/weekly D:\GCMSA-1\990426\A2643.D

4/29/ → Thurs.

Quanterra Air Toxics Lab

Sample Name:	CV8K8102 OHM M9D290255-4	Data Analyzed:	30 Apr 1999 17:30
Misc. Info:	500ml 18708-1020 TEDLAR	Method:	MSA0430
Data Name:	A2643.D	Shift Cali.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.03	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	0.01	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.04	ND	2.00
9)	1,1-Dichloroethene	-0.00	ND	2.00
10)	Carbon Disulfide	0.00	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	7.05	2.00
12)	Acetone	0.01	ND	10.00
13)	Methylene Chloride	0.01	2.90	2.00
14)	t-1,2-Dichloroethene	-0.19	ND	2.00
15)	1,1-Dichloroethane	-0.08	ND	2.00
16)	Vinyl Acetate	0.02	ND	10.00
17)	c-1,2-Dichloroethene	0.28	ND	2.00
18)	2-Butanone	-0.21	ND	10.00
19)	Chloroform	-0.02	ND	2.00
20)	1,1,1-Trichloroethane		ND	2.00
21)	Carbon Tetrachloride	0.02	ND	2.00
23)	Benzene	0.05	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.00	37.02	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.36	ND	2.00
30)	4-Methyl-2-Pentanone	-0.11	ND	10.00
32)	Toluene	-0.10	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene	0.49	ND	2.00
35)	1,1,2-Trichloroethane	0.04	ND	2.00
36)	Tetrachloroethene	-0.04	4.39	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	0.00	ND	2.00
43)	o-Xylene	0.02	ND	2.00
44)	Styrene	0.06	ND	2.00
45)	Bromoform		ND	2.00

APR 30'99 18:46 FR 714 258 0921 TO 19494755433 P.03

Sample Name:	CV8K6102 OHM M9D290255-4	Data Analyzed:	04/30/19 -1:7:
Misc. Info:	500ml 18708-1020 TEDLAR	Method:	MSA0430
Data Name:	A2643.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.24	ND	10.00
49)	4-Ethyl Toluene	0.06	ND	2.00
50)	1,3,5-Trimethylbenzene	0.07	ND	2.00
51)	1,2,4-Trimethylbenzene	0.09	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	316414	367530	OK	7.54	7.58	OK
1,4-Difluorobenzene	1467340	1612725	OK	9.25	9.27	OK
Chlorobenzene-d5	749756	877256	OK	14.72	14.64	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.00	102.0
Toluene-d8	50	45.55	91.1
4-Bromofluorobenzene	50	48.60	97.2

Comments:

Foot Notes:

1st Review: PN 4/30/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV8K7102 OHM M9D290255-5	**Data Analyzed:**	30 Apr 1999 18:06
Misc. Info:	500ml 18708-1021 TEDLAR	**Method:**	MSA0430
Data Name:	A2644.D	**Shift Cali.File:**	CC04301.D
Data Path:	D:\GCMSA~1\990426\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.02	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	0.02	ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	-0.01	ND	2.00
9) 1,1-Dichloroethene	0.02	3.40	2.00
10) Carbon Disulfide	0.01	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.01	2.93	2.00
12) Acetone	0.02	ND	10.00
13) Methylene Chloride	0.01	2.38	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane	-0.06	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	-0.01	ND	2.00
20) 1,1,1-Trichloroethane		ND	2.00
21) Carbon Tetrachloride	-0.05	ND	2.00
23) Benzene	0.04	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	-0.01	33.78	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane	-0.47	ND	2.00
29) c-1,3-Dichloropropene	0.31	ND	2.00
30) 4-Methyl-2-Pentanone	-0.11	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	0.48	ND	2.00
36) Tetrachloroethene	-0.05	3.86	2.00
37) 2-Hexanone	-0.41	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene	-0.22	ND	2.00
41) Ethylbenzene	0.04	ND	2.00
42) p,&m-Xylene	0.04	ND	2.00
43) o-Xylene	0.03	ND	2.00
44) Styrene	0.11	ND	2.00
45) Bromoform		ND	2.00

APR 30'99 18:47 FR 714 258 0921 TO 19494755433 P.07

Sample Name:	CV8K7102 OHM M9D290255-5	**Data Analyzed:**	04/30/19 -1:8:
Misc. Info:	500ml 18708-1021 TEDLAR	**Method:**	MSA0430
Data Name:	A2644.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSA–1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.16	ND	10.00
49)	4-Ethyl Toluene	0.06	ND	2.00
50)	1,3,5-Trimethylbenzene	0.12	ND	2.00
51)	1,2,4-Trimethylbenzene	0.09	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

LS.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	316414	357593	OK	7.54	7.58	OK
1,4-Difluorobenzene	1467340	1598135	OK	9.25	9.27	OK
Chlorobenzene-d5	749756	855374	OK	14.72	14.63	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.61	103.2
Toluene-d8	50	45.84	91.7
4-Bromofluorobenzene	50	48.68	97.4

Comments:

Foot Notes:

1st Review: PK 4/20/99

2nd Review:

APR 30'99 18:47 FR

Quanterra Air Toxics Lab

Sample Name:	CV8K3102 OHM M9D290255-1	**Data Analyzed:**	30 Apr 1999 11:42
Misc. Info:	500 ml 18708-1017 TEDLAR BAG	**Method:**	MSB0430
Data Name:	B1573.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSB\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)	
2)	Dichlorodifluoromethane (1	-0.09	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)	-0.04	ND	0.0112	
9)	1,1-Dichloroethene	0.01	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	-0.00	ND	0.0237	
13)	Methylene Chloride	-0.02	0.0073	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	0.03	ND	0.0294	
19)	Chloroform		ND	0.0097	
20)	1,1,1-Trichloroethane	0.01	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	-0.02	ND	0.0107	
27)	1,2-Dichloropropane		ND	0.0092	
28)	Bromodichloromethane	-0.39	ND	0.0134	
29)	c-1,3-Dichloropropene	-0.47	ND	0.0091	
30)	4-Methyl-2-Pentanone	-0.13	ND	0.0409	
32)	Toluene	-0.07	ND	~~0.0075~~	0.019
34)	t-1,3-Dichloropropene	0.33	ND	0.0091	
35)	1,1,2-Trichloroethane	-0.14	ND	0.0109	
36)	Tetrachloroethene	-0.02	0.0190	0.0135	
37)	2-Hexanone	-0.29	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	ND	0.0087	
43)	o-Xylene	0.02	ND	0.0087	
44)	Styrene	-0.01	ND	0.0085	
45)	Bromoform		ND	0.0206	

MAY 6'99 15:17 FR /14 258 0921 TO 19494/55433 P.10

Sample Name:	CV8K3102 OHM M9D290255-1	**Data Analyzed:**	04/30/19 -1:1:
Misc. Info:	500 ml 18708-1017 TEDLAR B	**Method:**	MSB0430
Data Name:	B1573.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSB\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.10	ND	0.0137
48)	Benzyl Chloride	0.02	ND	0.0518
49)	4-Ethyl Toluene	0.07	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.10	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.05	ND	0.0098
52)	1,3-Dichlorobenzene	0.19	ND	0.0120
53)	1,4-Dichlorobenzene	-0.02	ND	0.0120
54)	1,2-Dichlorobenzene	-0.31	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.19	ND	0.1481
56)	Hexachlorobutadiene	-0.48	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	251724	251975	OK	7.07	7.07	OK
1,4-Difluorobenzene	1182036	1206512	OK	8.70	8.70	OK
Chlorobenzene-d5	638796	679954	OK	14.02	13.89	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.36	96.7
Toluene-d8	50	42.90	85.8
4-Bromofluorobenzene	50	47.85	95.7

Comments:

Foot Notes:

1st Review: pm 5/3/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV8K[illegible]102 OHM M9D290255-2	Data Analyzed:	30 Apr 1999 18:34
Misc. Info:	5ml 18708-1018 TEDLAR	Method:	MSA0430
Data Name:	A2645.D	Shift Cali.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	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	-0.05	ND	0.7750
7)	Chloroethane		ND	1.0532
8)	Trichlorofluoromethane (11)		ND	1.1214
9)	1,1-Dichloroethene	-0.01	16.4610	0.7914
10)	Carbon Disulfide		ND	3.1080
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	5.7226	1.5296
12)	Acetone	0.03	ND	2.3710
13)	Methylene Chloride	-0.01	ND	0.8934
14)	t-1,2-Dichloroethene	-0.07	ND	0.7914
15)	1,1-Dichloroethane	-0.02	ND	0.8078
16)	Vinyl Acetate	-0.09	ND	3.5140
17)	c-1,2-Dichloroethene		ND	0.7914
18)	2-Butanone		ND	2.9430
19)	Chloroform	-0.02	ND	0.9746
20)	1,1,1-Trichloroethane		ND	1.0890
21)	Carbon Tetrachloride	0.01	ND	1.2556
23)	Benzene	0.00	ND	0.6376
25)	1,2-Dichloroethane		ND	0.8078
26)	Trichloroethene	0.03	119.1090	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	-0.02	ND	4.0880
32)	Toluene		ND	~~0.7522~~ 1.88
34)	t-1,3-Dichloropropene		ND	0.9058
35)	1,1,2-Trichloroethane	0.28	ND	1.0890
36)	Tetrachloroethene	0.03	2.9809	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	-0.38	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

MAY 6'99 15:18 FR 714 258 0921 TO 19494/55433 P.12

Sample Name:	CV8K8102 OHM M9D290255-2	Data Analyzed:	04/30/19 -1:8:
Misc. Info:	5ml 18708-1018 TEDLAR	Method:	MSA0430
Data Name:	A2645.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.52	ND	1.3702
48)	Benzyl Chloride	-0.25	ND	5.1760
49)	4-Ethyl Toluene	0.38	ND	0.9812
50)	1,3,5-Trimethylbenzene	-0.01	ND	0.9812
51)	1,2,4-Trimethylbenzene	-0.04	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	316414	347303	OK	7.54	7.57	OK
1,4-Difluorobenzene	1467340	1638372	OK	9.25	9.29	OK
Chlorobenzene-d5	749756	796963	OK	14.72	14.74	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.53	101.1
Toluene-d8	50	48.94	97.9
4-Bromofluorobenzene	50	46.09	92.2

Comments:

Foot Notes:

1st Review: PN 5/3/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV8K5102 OHM M9D290255-3	**Data Analyzed:**	30 Apr 1999 19:01
Misc. Info:	5ml 18708-1019 TEDLAR	**Method:**	MSA0430
Data Name:	A2646.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSA~1\990426\	**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	0.11	ND	0.7750
7) Chloroethane		ND	1.0532
8) Trichlorofluoromethane (11)		ND	1.1214
9) 1,1-Dichloroethene	-0.01	16.3295	0.7914
10) Carbon Disulfide		ND	3.1080
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	5.8432	1.5296
12) Acetone	-0.05	ND	2.3710
13) Methylene Chloride	0.02	ND	0.6934
14) t-1,2-Dichloroethene		ND	0.7914
15) 1,1-Dichloroethane	0.00	ND	0.8078
16) Vinyl Acetate	-0.07	ND	3.5140
17) c-1,2-Dichloroethene	0.00	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	-0.04	ND	1.2556
23) Benzene	0.03	ND	0.6376
25) 1,2-Dichloroethane		ND	0.8078
26) Trichloroethene	0.02	121.2983	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	-0.04	ND	4.0880
32) Toluene		ND	~~0.7522~~ 1.88
34) t-1,3-Dichloropropene		ND	0.9058
35) 1,1,2-Trichloroethane	0.13	ND	1.0890
36) Tetrachloroethene	0.00	2.9293	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	-0.42	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

MAY 6'99 15:18 FR 714 258 0921 TO 19494755433 P.14

D:\GCMSA - 1\990426\A2646.D

Sample Name:	CV8K5102 OHM M9D290255-3	Data Analyzed:	04/30/19 -1:9:
Misc. Info:	5ml 18708-1019 TEDLAR	Method:	MSA0430
Data Name:	A2646.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	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	0.23	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	316414	349784	OK	7.54	7.60	OK
1,4-Difluorobenzene	1467340	1629847	OK	9.25	9.31	OK
Chlorobenzene-d5	749756	810294	OK	14.72	14.76	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.54	103.1
Toluene-d8	50	50.35	100.7
4-Bromofluorobenzene	50	44.67	89.3

Comments:

Foot Notes:

1st Review: PW 5/3/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV8K6102 OHM M9D290255-4	Data Analyzed:	30 Apr 1999 17:30
Misc. Info:	500ml 18708-1020 TEDLAR	Method:	MSA0430
Data Name:	A2643.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.03	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	0.01	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.04	ND	0.0112
9)	1,1-Dichloroethene	-0.00	ND	0.0079
10)	Carbon Disulfide	0.00	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	0.0539	0.0153
12)	Acetone	0.01	ND	0.0237
13)	Methylene Chloride	0.01	0.0101	0.0069
14)	t-1,2-Dichloroethene	-0.19	ND	0.0079
15)	1,1-Dichloroethane	-0.08	ND	0.0081
16)	Vinyl Acetate	0.02	ND	0.0351
17)	c-1,2-Dichloroethene	0.26	ND	0.0079
18)	2-Butanone	-0.21	ND	0.0294
19)	Chloroform	-0.02	ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride	0.02	ND	0.0126
23)	Benzene	0.05	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.00	0.1985	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.36	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.11	ND	0.0409
32)	Toluene	-0.10	ND	~~0.0075~~ 0.014
34)	t-1,3-Dichloropropene	0.49	ND	0.0091
35)	1,1,2-Trichloroethane	0.04	ND	0.0109
36)	Tetrachloroethene	-0.04	0.0297	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	0.00	ND	0.0087
43)	o-Xylene	0.02	ND	0.0087
44)	Styrene	0.06	ND	0.0085
45)	Bromoform		ND	0.0206

HPK 30/99 18:46 FAX (14 258 0921 to 19454/3445 P.03

Sample Name:	CV8K5102 OHM M9D290255-4	**Data Analyzed:**	04/30/19 -1:7:
Misc. Info:	500ml 18708-1020 TEDLAR	**Method:**	MSA0430
Data Name:	A2643.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSA–1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.24	ND	0.0518
49)	4-Ethyl Toluene	0.08	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.07	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.09	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	0.016

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	316414	357530	OK	7.54	7.58	OK
1,4-Difluorobenzene	1467340	1612725	OK	9.25	9.27	OK
Chlorobenzene-d5	749756	877256	OK	14.72	14.64	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.00	102.0
Toluene-d8	50	45.55	91.1
4-Bromofluorobenzene	50	48.60	97.2

Comments:

Foot Notes:

1st Review: PK 4/30/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV8K7102 OHM M9D290255-5	Data Analyzed:	30 Apr 1999 18:05
Misc. Info:	500ml 18708-1021 TEDLAR	Method:	MSA0430
Data Name:	A2644.D	Shift Cal.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.02	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	0.02	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.01	ND	0.0112
9)	1,1-Dichloroethene	0.02	0.0134	0.0079
10)	Carbon Disulfide	0.01	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	0.0224	0.0153
12)	Acetone	0.02	ND	0.0237
13)	Methylene Chloride	0.01	0.0082	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.06	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	-0.01	ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride	-0.05	ND	0.0126
23)	Benzene	0.04	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.01	0.1812	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	-0.47	ND	0.0134
29)	c-1,3-Dichloropropene	0.31	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.11	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	0.48	ND	0.0109
36)	Tetrachloroethene	-0.06	0.0261	0.0135
37)	2-Hexanone	-0.41	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene	-0.22	ND	0.0092
41)	Ethylbenzene	0.04	ND	0.0087
42)	p,&m-Xylene	0.04	ND	0.0087
43)	o-Xylene	0.03	ND	0.0087
44)	Styrene	0.11	ND	0.0085
45)	Bromoform		ND	0.0206

APR 30'99 18:47 FR 714 258 0921 TO 19494755433 P.09

D:\GCMSA – 1\990426\A2644.D

Sample Name:	CV8K7102 OHM M9D290255-5	Date Analyzed:	04/30/19 -1:8:
Misc. Info:	500ml 18708-1021 TEDLAR	Method:	MSA0430
Data Name:	A2644.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.18	ND	0.0518
49)	4-Ethyl Toluene	0.08	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.12	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.09	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	316414	357593	OK	7.54	7.58	OK
1,4-Difluorobenzene	1467340	1598135	OK	9.25	9.27	OK
Chlorobenzene-d5	749756	855374	OK	14.72	14.63	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.61	103.2
Toluene-d8	50	45.84	91.7
4-Bromofluorobenzene	50	48.68	97.4

Comments:

Foot Notes:

1st Review: PLK 4/30/99 2nd Review

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
217161
FORM 0019 REV. 2-97

24SVE2 14DAYS

OHM's LAB COORDINATOR	LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	LABORATORY SERVICE ID	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)
L. BIENKOWSKI	949-261-6441	949-475-5433	MYECOOKA	NOEL CRUZ	ITGROP
PROJECT NAME: EL TORO - 24SVE	PROJECT LOCATION: MCAS EL TORO	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8810	LABORATORY FAX: 714-258-0721	RECIPIENT NAME: DWAYNE ISHIDA
PROJECT CONTACT: L. BIENKOWSKI	PROJECT PHONE NUMBER: —	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. GRAND AVE	ADDRESS: 3347 MICHELSON STE 200	
PROJECT ADDRESS: MCAS EL TORO	CITY, STATE AND ZIPCODE: IRVINE, CA.	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: SANTA ANA CA	CITY, STATE, AND ZIPCODE: IRVINE CA	
PROJECT MANAGER: B. SEDLAK	PROJECT MANAGER'S PHONE: 949-261-6441	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date 1997	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	CONTINGENT-HOLD							Comments: QUANTERRA ANALYZE MAG FIRST
1	18708-1053	VAPOR	5-6	0745	—	2	III	5DA	X								
2	18708-1054	VAPOR	5-6	0750	—	3	III	5DA	X								
3	18708-1055	VAPOR	5-6	0755	—	3	IV	5DA	X								
4	18708-~~1000~~ 1056	VAPOR	5-6	0800	—	2	III	24HR	X								
5	18708-~~1005~~ 1057	VAPOR	5-6	0805	—	2	III	24HR	X	X							ANALYZE ONLY IF 18708-~~1000~~ 1056
6																	
7																	
8																	
9																	
10																	

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

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Craig Perkins		5-6-97		

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

24SVE2 14DAYS

Sample Point Location	Sample Type G	C	F	QC
1. AMB · 24SVE2 14DAYS	X			X
2. INFLUENT 24SVE2 14DAYS	X			
3. INFLUENT 24SVE2 14DAYS (DUPLICATE)	X			X
4. MIDPOINT 24SVE2 14DAYS	X			
5. EFFLUENT 24SVE2 14DAYS	X			

Comment

Sampl

Sample.

DV
Inf of dup
mid, effluent

24SVE2

14 days - 5/4

D:\GCMSB\990503\B1640.D

Quanterra Air Toxics Lab

Sample Name:	CVGHE102 OHM M9E060169-1	**Data Analyzed:**	6 May 99 16:23
Misc. Info:	500 ml 18708-1063 TEDLAR	**Method:**	MSB0506
Data Name:	B1640.D	**Shift Call.File:**	CC05061.D
Data Path:	D:\GCMSB\990503\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.04	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	-0.02	ND	2.00
7) Chloroethane	-0.03	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)	0.01	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	-0.32	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	-0.02	ND	10.00
19) Chloroform	0.18	ND	2.00
20) 1,1,1-Trichloroethane	0.01	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	0.02	ND	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane		ND	2.00
29) c-1,3-Dichloropropene	0.33	ND	2.00
30) 4-Methyl-2-Pentanone	-0.30	ND	10.00
32) Toluene	-0.09	~~3.18~~ ND	~~2.00~~ 5.00
34) t-1,3-Dichloropropene	-0.20	ND	2.00
35) 1,1,2-Trichloroethane	-0.04	ND	2.00
36) Tetrachloroethene	-0.02	ND	2.00
37) 2-Hexanone	0.06	ND	30.00
38) Dibromochloromethane	-0.12	ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene	0.48	ND	2.00
41) Ethylbenzene	0.00	ND	2.00
42) p,&m-Xylene	0.02	4.41	2.00
43) o-Xylene	0.06	ND	2.00
44) Styrene	0.04	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CVGHE102 OHM M9E060169-1	**Data Analyzed:**	05/ 6/99 16:23
Misc. Info:	500 ml 18708-1053 TEDLAR	**Method:**	MSB0506
Data Name:	B1640.D	**Shift Cali.File:**	CC05061.D
Data Path:	D:\GCMSB\990503\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.03	ND	2.00
48)	Benzyl Chloride	0.06	ND	10.00
49)	4-Ethyl Toluene	0.05	2.08	2.00
50)	1,3,5-Trimethylbenzene	0.13	ND	2.00
51)	1,2,4-Trimethylbenzene	0.16	2.96	2.00
52)	1,3-Dichlorobenzene	0.15	ND	2.00
53)	1,4-Dichlorobenzene	-0.06	ND	2.00
54)	1,2-Dichlorobenzene	-0.38	ND	2.00
55)	1,2,4-Trichlorobenzene	-0.17	ND	20.00
56)	Hexachlorobutadiene	-0.48	ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	217254	260501	OK	7.05	7.06	OK
1,4-Difluorobenzene	936530	1344864	OK	8.67	8.69	OK
Chlorobenzene-d5	537037	744031	OK	13.98	13.84	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.49	93.0
Toluene-d8	50	40.39	80.8
4-Bromofluorobenzene	50	48.19	96.4

Comments:

Foot Notes:

1st Review: DM 5/7/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CVGHH102 OHM M9E060169-2	**Data Analyzed:**	7 May 99 12:32
Misc. Info:	5 ml 18708-1064 TEDLAR	**Method:**	MSB0507
Data Name:	B1650.D	**Shift Cali.File:**	CC05071.D
Data Path:	D:\GCMSB\990503\	**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	3800.29	200.00
10) Carbon Disulfide		ND	1000.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.01	797.18	200.00
12) Acetone	0.02	ND	1000.00
13) Methylene Chloride	-0.01	ND	200.00
14) t-1,2-Dichloroethene		ND	200.00
15) 1,1-Dichloroethane	-0.04	ND	200.00
16) Vinyl Acetate	0.40	ND	1000.00
17) c-1,2-Dichloroethene	0.27	ND	200.00
18) 2-Butanone		ND	1000.00
19) Chloroform	0.02	ND	200.00
20) 1,1,1-Trichloroethane		ND	200.00
21) Carbon Tetrachloride	-0.01	ND	200.00
23) Benzene	-0.10	ND	200.00
25) 1,2-Dichloroethane		ND	200.00
26) Trichloroethene	0.01	18453.63	200.00
27) 1,2-Dichloropropane	-0.31	~~210.48~~ No RT, RS	200.00
28) Bromodichloromethane		ND	200.00
29) c-1,3-Dichloropropene	0.43	ND	200.00
30) 4-Methyl-2-Pentanone	-0.01	ND	1000.00
32) Toluene		ND	~~200.00~~ 500
34) t-1,3-Dichloropropene		ND	200.00
35) 1,1,2-Trichloroethane	0.19	ND	200.00
36) Tetrachloroethene	0.01	438.38	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	0.04	ND	200.00
42) p,&m-Xylene	-0.06	ND	200.00
43) o-Xylene	-0.02	ND	200.00
44) Styrene		ND	200.00
45) Bromoform		ND	200.00

Sample Name:	CVGHH102 OHM M9E060169-2	**Data Analyzed:**	05/ 7/99 12:32
Misc. Info:	5 ml 18708-1054 TEDLAR	**Method:**	MSB0507
Data Name:	B1650.D	**Shift Call.File:**	CC05071.D
Data Path:	D:\GCMSB\990503\	**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	-0.06	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	0.03	ND	2000.00
56) Hexachlorobutadiene		ND	400.00

MTBE NA 1000

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	239188	243750	OK	7.06	7.06	OK
1,4-Difluorobenzene	1222052	1314929	OK	8.69	8.71	OK
Chlorobenzene-d5	666554	689182	OK	14.00	14.01	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	42.99	86.0
Toluene-d8	50	47.25	94.5
4-Bromofluorobenzene	50	48.14	96.3

Comments:

Foot Notes:

1st Review: PLS 5/7/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CVGHM102 OHM M9E060169-3	**Data Analyzed:**	7 May 99 12:59
Misc. Info:	6 ml 18708-1066 TEDLAR	**Method:**	MSB0507
Data Name:	B1651.D	**Shift Cali.File:**	CC05071.D
Data Path:	d:\gcmsb\990503\	**Dilution Factor:**	83.33

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)		ND	166.66
3) Chloromethane	0.04	ND	333.32
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	166.66
5) Vinyl Chloride		ND	166.66
6) Bromomethane	-0.09	ND	166.66
7) Chloroethane		ND	333.32
8) Trichlorofluoromethane (11)		ND	166.66
9) 1,1-Dichloroethene	0.00	3549.88	166.66
10) Carbon Disulfide		ND	833.30
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.00	722.40	166.66
12) Acetone	0.02	ND	833.30
13) Methylene Chloride	-0.00	ND	166.66
14) t-1,2-Dichloroethene		ND	166.66
15) 1,1-Dichloroethane	0.01	ND	166.66
16) Vinyl Acetate	0.33	ND	833.30
17) c-1,2-Dichloroethene	-0.12	ND	166.66
18) 2-Butanone		ND	833.30
19) Chloroform	0.03	ND	166.66
20) 1,1,1-Trichloroethane		ND	166.66
21) Carbon Tetrachloride	0.02	ND	166.66
23) Benzene	0.07	ND	166.66
25) 1,2-Dichloroethane		ND	166.66
26) Trichloroethene	0.02	15297.59	166.66
27) 1,2-Dichloropropane	-0.32	ND	166.66
28) Bromodichloromethane		ND	166.66
29) c-1,3-Dichloropropene		ND	166.66
30) 4-Methyl-2-Pentanone	-0.00	ND	833.30
32) Toluene	-0.00	ND	~~166.66~~ 418
34) t-1,3-Dichloropropene		ND	166.66
35) 1,1,2-Trichloroethane	0.38	ND	166.66
36) Tetrachloroethene	0.02	342.96	166.66
37) 2-Hexanone	0.38	ND	2499.90
38) Dibromochloromethane		ND	166.66
39) 1,2-Dibromoethane		ND	166.66
40) Chlorobenzene		ND	166.66
41) Ethylbenzene	-0.02	ND	166.66
42) p,&m-Xylene	0.04	ND	166.66
43) o-Xylene		ND	166.66
44) Styrene		ND	166.66
45) Bromoform		ND	166.66

Sample Name:	CVGHM102 OHM M9E060169-3	**Data Analyzed:**	05/ 7/99 12:59
Misc. Info:	6 ml 18708-1055 TEDLAR	**Method:**	MSB0507
Data Name:	B1651.D	**Shift Cali.File:**	CC05071.D
Data Path:	d:\gcmsb\990503\	**Dilution Factor:**	83.33

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	166.66
48)	Benzyl Chloride		ND	833.30
49)	4-Ethyl Toluene	-0.02	ND	166.66
50)	1,3,5-Trimethylbenzene	0.08	ND	166.66
51)	1,2,4-Trimethylbenzene		ND	166.66
52)	1,3-Dichlorobenzene		ND	166.66
53)	1,4-Dichlorobenzene		ND	166.66
54)	1,2-Dichlorobenzene		ND	166.66
55)	1,2,4-Trichlorobenzene		ND	1666.60
56)	Hexachlorobutadiene		ND	333.32
	MTBE		ND	833

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	239188	201655	OK	7.06	7.05	OK
1,4-Difluorobenzene	1222052	1206209	OK	8.69	8.70	OK
Chlorobenzene-d5	666554	633349	OK	14.00	13.99	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	40.78	81.6
Toluene-d8	50	46.34	92.7
4-Bromofluorobenzene	50	48.02	96.0

Comments:

Foot Notes:

1st Review: PN 5/7/99

2nd Review:

TENTATIVELY IDENTIFIED COMPOUNDS

SANTA ANA - AIR TOXICS

CLIENT ID: 18708-1055

SAMPLE NO: M9E060169-3

ANALYSIS DATE: 5/7/99

DILUTION FACTOR: 83.33

DATA FILE: R1651

RETEN. TIME	CAS NO.	COMPOUND	CONC. (ppbv)
NO TICS FOUND > 10% INTERNAL STD AREA			

COMMENTS:

REDUCED BY: PRE 5/7/99

REVIEWED BY:

Quanterra Air Toxics Lab

Sample Name:	CVGHQ102 OHM M9E060169-4	**Data Analyzed:**	6 May 99 17:49
Misc. Info:	325 ml 18708-1056 TEDLAR FROZE	**Method:**	MSB0506
Data Name:	B1643.D	**Shift Call.File:**	CC05061.D
Data Path:	d:\gcmsb\990503\	**Dilution Factor:**	1.538

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.03	ND	3.08
3) Chloromethane	0.24	ND	6.15
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	3.08
5) Vinyl Chloride		ND	3.08
6) Bromomethane	-0.01	ND	3.08
7) Chloroethane		ND	6.15
8) Trichlorofluoromethane (11)		ND	3.08
9) 1,1-Dichloroethene	-0.02	4.02	3.08
10) Carbon Disulfide	-0.02	ND	15.38
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	7.62	3.08
12) Acetone	0.02	ND	15.38
13) Methylene Chloride	0.00	ND	3.08
14) t-1,2-Dichloroethene		ND	3.08
15) 1,1-Dichloroethane		ND	3.08
16) Vinyl Acetate	-0.34	ND	15.38
17) c-1,2-Dichloroethene		ND	3.08
18) 2-Butanone		ND	15.38
19) Chloroform	0.01	ND	3.08
20) 1,1,1-Trichloroethane		ND	3.08
21) Carbon Tetrachloride	-0.03	ND	3.08
23) Benzene	0.02	ND	3.08
25) 1,2-Dichloroethane		ND	3.08
26) Trichloroethene	-0.00	100.68	3.08
27) 1,2-Dichloropropane		ND	3.08
28) Bromodichloromethane		ND	3.08
29) c-1,3-Dichloropropene		ND	3.08
30) 4-Methyl-2-Pentanone	-0.08	ND	15.38
32) Toluene	-0.06	~~3.13~~ ND	~~3.08~~ 7.8
34) t-1,3-Dichloropropene		ND	3.08
35) 1,1,2-Trichloroethane	0.22	ND	3.08
36) Tetrachloroethene	-0.05	5.14	3.08
37) 2-Hexanone		ND	46.14
38) Dibromochloromethane		ND	3.08
39) 1,2-Dibromoethane		ND	3.08
40) Chlorobenzene		ND	3.08
41) Ethylbenzene	0.01	ND	3.08
42) p,&m-Xylene	-0.02	ND	3.08
43) o-Xylene	0.01	ND	3.08
44) Styrene	-0.02	ND	3.08
45) Bromoform		ND	3.08

MT 5/7/99

Sample Name:	CVGHQ102 OHM M9E060169-4	**Data Analyzed:**	05/ 6/99 17:49
Misc. Info:	325 ml 18708-1056 TEDLAR	**Method:**	MSB0506
Data Name:	B1643.D	**Shift Cali.File:**	CC05061.D
Data Path:	d:\gcmsb\990503\	**Dilution Factor:**	1.538

	Compound	dRT	Result(ppbv)	RL(ppbv)	
47)	1,1,2,2-Tetrachloroethane	0.47	ND	3.08	GS
48)	Benzyl Chloride	-0.07	ND	15.38	
49)	4-Ethyl Toluene	-0.01	ND	3.08	
50)	1,3,5-Trimethylbenzene	0.03	ND	3.08	
51)	1,2,4-Trimethylbenzene	0.00	ND	3.08	
52)	1,3-Dichlorobenzene	0.02	ND	3.08	
53)	1,4-Dichlorobenzene	-0.01	ND	3.08	
54)	1,2-Dichlorobenzene		ND	3.08	
55)	1,2,4-Trichlorobenzene	0.11	ND	30.76	
56)	Hexachlorobutadiene		ND	6.15	
	MTBE		ND	15.4	

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	217254	261832	OK	7.05	7.05	OK
1,4-Difluorobenzene	936530	1316842	OK	8.67	8.68	OK
Chlorobenzene-d5	537037	770342	OK	13.98	13.95	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.19	92.4
Toluene-d8	50	41.53	83.1
4-Bromofluorobenzene	50	50.31	100.6

Comments:

Foot Notes: GS

1st Review: PM 5/7/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CVGHV102 OHM M9E060169-5	**Data Analyzed:**	6 May 99 18:17
Misc. Info:	500 ml 18708-1057 TEDLAR	**Method:**	MSB0506
Data Name:	B1644.D	**Shift Cali.File:**	CC05061.D
Data Path:	d:\gcmsb\990503\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.07	ND	2.00
3)	Chloromethane	-0.04	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	0.00	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.01	ND	2.00
9)	1,1-Dichloroethene	-0.01	3.88	2.00
10)	Carbon Disulfide	-0.02	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	3.05	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	0.02	ND	2.00
16)	Vinyl Acetate	-0.33	ND	10.00
17)	c-1,2-Dichloroethene	0.29	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	0.02	ND	2.00
23)	Benzene	-0.01	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.00	33.77	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	-0.07	ND	10.00
32)	Toluene	-0.07	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene	-0.01	ND	2.00
35)	1,1,2-Trichloroethane	-0.36	ND	2.00
36)	Tetrachloroethene	-0.01	ND	2.00
37)	2-Hexanone	-0.30	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	ND	2.00
43)	o-Xylene	0.06	ND	2.00
44)	Styrene	0.02	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CVGHV102 OHM M9E060169-5	**Data Analyzed:**	05/ 6/99 18:17
Misc. Info:	500 ml 18708-1057 TEDLAR	**Method:**	MSB0506
Data Name:	B1644.D	**Shift Call.File:**	CC05061.D
Data Path:	d:\gcmsb\990503\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.15	ND	2.00
48)	Benzyl Chloride	-0.06	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	0.14	ND	2.00
52)	1,3-Dichlorobenzene	0.15	ND	2.00
53)	1,4-Dichlorobenzene	-0.06	ND	2.00
54)	1,2-Dichlorobenzene	-0.33	ND	2.00
55)	1,2,4-Trichlorobenzene	0.18	ND	20.00
56)	Hexachlorobutadiene	-0.49	ND	4.00

MTBE ND 10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	217254	251471	OK	7.05	7.05	OK
1,4-Difluorobenzene	936530	1300510	OK	8.67	8.68	OK
Chlorobenzene-d5	537037	723633	OK	13.98	13.85	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	45.42	90.8
Toluene-d8	50	40.66	81.3
4-Bromofluorobenzene	50	49.70	99.4

Comments:

Foot Notes:

1st Review: PW 5/7/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CVGHE102 OHM M9E060169-1	**Data Analyzed:**	6 May 99 16:23
Misc. Info:	500 ml 18708-1053 TEDLAR	**Method:**	MSB0506
Data Name:	B1640.D	**Shift Cali.File:**	CC05061.D
Data Path:	D:\GCMSB\990503\	**Dilution Factor:**	1

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1	-0.04	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	0.0061
6) Bromomethan	-0.02	ND	0.0078
7) Chloroethane	-0.03	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)	0.01	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	-0.32	ND	0.0351
17) c-1,2-Dichloroethene		ND	0.0079
18) 2-Butanone	-0.02	ND	0.0294
19) Chloroform	0.18	ND	0.0097
20) 1,1,1-Trichloroethane	0.01	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	0.02	ND	0.0107
27) 1,2-Dichloropropane		ND	0.0092
28) Bromodichloromethane		ND	0.0134
29) c-1,3-Dichloropropene	0.33	ND	0.0091
30) 4-Methyl-2-Pentanone	-0.30	ND	0.0409
32) Toluene	-0.09	~~0.0119~~ ND	~~0.0075~~ 0.019
34) t-1,3-Dichloropropene	-0.20	ND	0.0091
35) 1,1,2-Trichloroethane	-0.04	ND	0.0109
36) Tetrachloroethene	-0.02	ND	0.0135
37) 2-Hexanone	0.06	ND	0.1226
38) Dibromochloromethane	-0.12	ND	0.0170
39) 1,2-Dibromoethane		ND	0.0153
40) Chlorobenzene	0.48	ND	0.0092
41) Ethylbenzene	0.00	ND	0.0087
42) p,&m-Xylene	0.02	0.0191	0.0087
43) o-Xylene	0.06	ND	0.0087
44) Styrene	0.04	ND	0.0085
45) Bromoform		ND	0.0206

Sample Name:	CVGHE102 OHM M9E060169-1	**Data Analyzed:**	05/ 6/99 16:23
Misc. Info:	500 ml 18708-1053 TEDLAR	**Method:**	MSB0506
Data Name:	B1640.D	**Shift Cali.File:**	CC05061.D
Data Path:	D:\GCMSB\990503\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.03	ND	0.0137
48)	Benzyl Chloride	0.05	ND	0.0518
49)	4-Ethyl Toluene	0.05	0.0102	0.0098
50)	1,3,5-Trimethylbenzene	0.13	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.16	0.0145	0.0098
52)	1,3-Dichlorobenzene	0.15	ND	0.0120
53)	1,4-Dichlorobenzene	-0.06	ND	0.0120
54)	1,2-Dichlorobenzene	-0.38	ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.17	ND	0.1481
56)	Hexachlorobutadiene	-0.48	ND	0.0426

MTBE X/D 0.026

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	217254	250501	OK	7.05	7.06	OK
1,4-Difluorobenzene	936530	1344864	OK	8.67	8.69	OK
Chlorobenzene-d5	537037	744031	OK	13.98	13.84	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.49	93.0
Toluene-d8	50	40.39	80.8
4-Bromofluorobenzene	50	48.19	96.4

Comments:

Foot Notes:

1st Review: PLC 5/7/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CVGHH102 OHM M9E060169-1	**Data Analyzed:**	7 May 99 12:32
Misc. Info:	5 ml 18708-1064 TEDLAR	**Method:**	MSB0507
Data Name:	B1650.D	**Shift Cali.File:**	CC05071.D
Data Path:	D:\GCMSB\990503\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	Rt(ug/L)
2)	Dichlorodifluoromethane (1		ND	0.9870
3)	Chloromethan		ND	0.8244
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	1.3952
5)	Vinyl Chloride		ND	0.5102
6)	Bromomethan		ND	0.7750
7)	Chloroethane		ND	1.0532
8)	Trichlorofluoromethane (11)		ND	1.1214
9)	1,1-Dichloroethene	0.01	15.0377	0.7914
10)	Carbon Disulfide		ND	3.1080
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	6.0968	1.5296
12)	Acetone	0.02	ND	2.3710
13)	Methylene Chloride	-0.01	ND	0.6934
14)	t-1,2-Dichloroethene		ND	0.7914
15)	1,1-Dichloroethane	-0.04	ND	0.8078
16)	Vinyl Acetate	0.40	ND	3.5140
17)	c-1,2-Dichloroethene	0.27	ND	0.7914
18)	2-Butanone		ND	2.9430
19)	Chloroform	0.02	ND	0.9746
20)	1,1,1-Trichloroethane		ND	1.0890
21)	Carbon Tetrachloride	-0.01	ND	1.2556
23)	Benzene	-0.10	ND	0.6376
25)	1,2-Dichloroethane		ND	0.8078
26)	Trichloroethene	0.01	98.9668	1.0726
27)	1,2-Dichloropropane	-0.31	~~0.9768~~ ND RT, MS	0.9224
28)	Bromodichloromethane		ND	1.3374
29)	c-1,3-Dichloropropene	0.43	ND	0.9058
30)	4-Methyl-2-Pentanone	-0.01	ND	4.0880
32)	Toluene		ND	~~0.7622~~ 1.88
34)	t-1,3-Dichloropropene		ND	0.9058
35)	1,1,2-Trichloroethane	0.19	ND	1.0890
36)	Tetrachloroethene	0.01	2.9674	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	0.04	ND	0.8666
42)	p,&m-Xylene	-0.06	ND	0.8666
43)	o-Xylene	-0.02	ND	0.8666
44)	Styrene		ND	0.8502
45)	Bromoform		ND	2.0632

Sample Name:	CVGHH102 OHM M9E060169-	**Data Analyzed:**	05/ 7/99 12:32
Misc. Info:	5 ml 18708-1054 TEDLAR	**Method:**	MSB0507
Data Name:	B1650.D	**Shift Call.File:**	CC05071.D
Data Path:	D:\GCMSB\990503\	**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	-0.06	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	0.03	ND	14.8120
56)	Hexachlorobutadiene		ND	4.2572
	MTBE		ND	J-C

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	239188	243750	OK	7.06	7.06	OK
1,4-Difluorobenzene	1222052	1314929	OK	8.69	8.71	OK
Chlorobenzene-d5	668554	689182	OK	14.00	14.01	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	42.99	86.0
Toluene-d8	50	47.25	94.5
4-Bromofluorobenzene	50	48.14	96.3

Comments:

Foot Notes:

1st Review: PRE 5/7/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CVGHM102 OHM M9E060169-3	**Data Analyzed:**	7 May 99 12:59
Misc. Info:	6 ml 18708-1055 TEDLAR	**Method:**	MSB0507
Data Name:	B1651.D	**Shift Call.File:**	CC05071.D
Data Path:	D:\GCMSB\990503\	**Dilution Factor:**	83.33

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	0.8225
3)	Chloromethan	0.04	ND	0.6870
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	1.1626
5)	Vinyl Chloride		ND	0.4251
6)	Bromomethan	-0.09	ND	0.6458
7)	Chloroethane		ND	0.8776
8)	Trichlorofluoromethane (11)		ND	0.9345
9)	1,1-Dichloroethene	0.00	14.0469	0.6595
10)	Carbon Disulfide		ND	2.5899
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	5.5249	1.2746
12)	Acetone	0.02	ND	1.9758
13)	Methylene Chloride	-0.00	ND	0.5778
14)	t-1,2-Dichloroethene		ND	0.6595
15)	1,1-Dichloroethane	0.01	ND	0.6731
16)	Vinyl Acetate	0.33	ND	2.9282
17)	c-1,2-Dichloroethene	-0.12	ND	0.6595
18)	2-Butanone		ND	2.4524
19)	Chloroform	0.03	ND	0.8121
20)	1,1,1-Trichloroethane		ND	0.9075
21)	Carbon Tetrachloride	0.02	ND	1.0463
23)	Benzene	0.07	ND	0.5313
25)	1,2-Dichloroethane		ND	0.6731
26)	Trichloroethene	0.02	82.0410	0.8938
27)	1,2-Dichloropropane	-0.32	ND	0.7686
28)	Bromodichloromethane		ND	1.1145
29)	c-1,3-Dichloropropene		ND	0.7548
30)	4-Methyl-2-Pentanone	-0.00	ND	3.4065
32)	Toluene	-0.00	ND	~~0.8268~~ 1.58
34)	t-1,3-Dichloropropene		ND	0.7548
35)	1,1,2-Trichloroethane	0.38	ND	0.9075
36)	Tetrachloroethene	0.02	2.3215	1.1281
37)	2-Hexanone	0.38	ND	10.2196
38)	Dibromochloromethane		ND	1.4169
39)	1,2-Dibromoethane		ND	1.2779
40)	Chlorobenzene		ND	0.7656
41)	Ethylbenzene	-0.02	ND	0.7221
42)	p,&m-Xylene	0.04	ND	0.7221
43)	o-Xylene		ND	0.7221
44)	Styrene		ND	0.7085
45)	Bromoform		ND	1.7193

Sample Name:	CVGHM102 OHM M9E060169-	**Data Analyzed:**	05/ 7/99 12:59
Misc. Info:	6 ml 18708-1055 TEDLAR	**Method:**	MSB0507
Data Name:	B1651.D	**Shift Cali.File:**	CC05071.D
Data Path:	D:\GCMSB\990503\	**Dilution Factor:**	83.33

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.1418
48)	Benzyl Chloride		ND	4.3132
49)	4-Ethyl Toluene	-0.02	ND	0.8176
50)	1,3,5-Trimethylbenzene	0.08	ND	0.8176
51)	1,2,4-Trimethylbenzene		ND	0.8176
52)	1,3-Dichlorobenzene		ND	1.0000
53)	1,4-Dichlorobenzene		ND	1.0000
54)	1,2-Dichlorobenzene		ND	1.0000
55)	1,2,4-Trichlorobenzene		ND	12.3428
56)	Hexachlorobutadiene		ND	3.5475
	MTBE		ND	3.00

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	239188	201655	OK	7.06	7.05	OK
1,4-Difluorobenzene	1222052	1206209	OK	8.69	8.70	OK
Chlorobenzene-d5	666554	633349	OK	14.00	13.99	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	40.78	81.6
Toluene-d8	50	46.34	92.7
4-Bromofluorobenzene	50	48.02	96.0

Comments:

Foot Notes:

1st Review: PNS 5/7/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CVGHQ102 OHM M9E060169-6	**Data Analyzed:**	6 May 99 17:49
Misc. Info:	325 ml 18708-1056 TEDLAR	**Method:**	MSB0506
Data Name:	b1643.d	**Shift Cali.File:**	CC05061.D
Data Path:	d:\gcmsb\990503\	**Dilution Factor:**	1.538

FT 5/7/99

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.03	ND	0.0152
3)	Chloromethan	0.24	ND	0.0127
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0215
5)	Vinyl Chloride		ND	0.0078
6)	Bromomethan	-0.01	ND	0.0119
7)	Chloroethane		ND	0.0162
8)	Trichlorofluoromethane (11)		ND	0.0172
9)	1,1-Dichloroethene	-0.02	0.0159	0.0122
10)	Carbon Disulfide	-0.02	ND	0.0478
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	0.0583	0.0235
12)	Acetone	0.02	ND	0.0366
13)	Methylene Chloride	0.00	ND	0.0107
14)	t-1,2-Dichloroethene		ND	0.0122
15)	1,1-Dichloroethane		ND	0.0124
16)	Vinyl Acetate	-0.34	ND	0.0540
17)	c-1,2-Dichloroethene		ND	0.0122
18)	2-Butanone		ND	0.0453
19)	Chloroform	0.01	ND	0.0150
20)	1,1,1-Trichloroethane		ND	0.0167
21)	Carbon Tetrachloride	-0.03	ND	0.0193
23)	Benzene	0.02	ND	0.0098
25)	1,2-Dichloroethane		ND	0.0124
26)	Trichloroethene	-0.00	0.5400	0.0165
27)	1,2-Dichloropropane		ND	0.0142
28)	Bromodichloromethane		ND	0.0206
29)	c-1,3-Dichloropropene		ND	0.0139
30)	4-Methyl-2-Pentanone	-0.08	ND	0.0629
32)	Toluene	-0.06	~~0.0116~~ NR	~~0.0116~~ 0.03
34)	t-1,3-Dichloropropene		ND	0.0139
35)	1,1,2-Trichloroethane	0.22	ND	0.0167
36)	Tetrachloroethene	-0.05	0.0348	0.0208
37)	2-Hexanone		ND	0.1886
38)	Dibromochloromethane		ND	0.0262
39)	1,2-Dibromoethane		ND	0.0236
40)	Chlorobenzene		ND	0.0141
41)	Ethylbenzene	0.01	ND	0.0133
42)	p,&m-Xylene	-0.02	ND	0.0133
43)	o-Xylene	0.01	ND	0.0133
44)	Styrene	-0.02	ND	0.0131
45)	Bromoform		ND	0.0317

Sample Name:	CVGHQ102 OHM M9E060169-	**Data Analyzed:**	05/ 6/99 17:49
Misc. Info:	325 ml 18708-1056 TEDLAR	**Method:**	MSB0506
Data Name:	b1643.d	**Shift Call.File:**	CC05061.D
Data Path:	d:\gcmsb\990503\	**Dilution Factor:**	1.538

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.47	ND	0.0211
48)	Benzyl Chloride	-0.07	ND	0.0796
49)	4-Ethyl Toluene	-0.01	ND	0.0151
50)	1,3,5-Trimethylbenzene	0.03	ND	0.0151
51)	1,2,4-Trimethylbenzene	0.00	ND	0.0151
52)	1,3-Dichlorobenzene	0.02	ND	0.0185
53)	1,4-Dichlorobenzene	-0.01	ND	0.0185
54)	1,2-Dichlorobenzene		ND	0.0185
55)	1,2,4-Trichlorobenzene	0.11	ND	0.2278
56)	Hexachlorobutadiene		ND	0.0655
	MTBE		ND	0.055

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	217254	261832	OK	7.05	7.05	OK
1,4-Difluorobenzene	936630	1316842	OK	8.67	8.68	OK
Chlorobenzene-d5	537037	770342	OK	13.98	13.95	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.19	92.4
Toluene-d8	50	41.53	83.1
4-Bromofluorobenzene	50	50.31	100.6

Comments:

Foot Notes:

1st Review: PN 5/7/99 2nd Review

Quanterra Air Toxics Lab

Sample Name: CVGHV102 OHM M9E060169-5 **Data Analyzed:** 6 May 99 18:17
Misc. Info: 500 ml 18706-1057 TEDLAR **Method:** MSB0506
Data Name: B1644.D **Shift Cali.File:** CC05061.D
Data Path: D:\GCMSB\990503\ **Dilution Factor:** 1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.07	ND	0.0099
3)	Chloromethan	-0.04	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0061
6)	Bromomethan	0.00	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.01	ND	0.0112
9)	1,1-Dichloroethene	-0.01	0.0154	0.0079
10)	Carbon Disulfide	-0.02	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	0.0234	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	0.02	ND	0.0081
16)	Vinyl Acetate	-0.33	ND	0.0351
17)	c-1,2-Dichloroethene	0.29	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	0.02	ND	0.0126
23)	Benzene	-0.01	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.00	0.1811	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	-0.07	ND	0.0409
32)	Toluene	-0.07	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene	-0.01	ND	0.0091
35)	1,1,2-Trichloroethane	-0.36	ND	0.0109
36)	Tetrachloroethene	-0.01	ND	0.0136
37)	2-Hexanone	-0.30	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	ND	0.0087
43)	o-Xylene	0.06	ND	0.0087
44)	Styrene	0.02	ND	0.0085
45)	Bromoform		ND	0.0206

d:\gcmsb\990503\b1644.d

Sample Name:	CVGHV102 OHM M9E060169-5	**Data Analyzed:**	05/ 6/99 18:17
Misc. Info:	500 ml 18708-1057 TEDLAR	**Method:**	MSB0506
Data Name:	B1644.D	**Shift Cali.File:**	CC05061.D
Data Path:	D:\GCMSB\990503\	**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	-0.06	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	0.14	ND	0.0098
52)	1,3-Dichlorobenzene	0.15	ND	0.0120
53)	1,4-Dichlorobenzene	-0.06	ND	0.0120
54)	1,2-Dichlorobenzene	-0.33	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.18	ND	0.1481
56)	Hexachlorobutadiene	-0.49	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	217254	251471	OK	7.05	7.05	OK
1,4-Difluorobenzene	936530	1300510	OK	8.67	8.68	OK
Chlorobenzene-d5	537037	723633	OK	13.98	13.85	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	45.42	90.8
Toluene-d8	50	40.65	81.3
4-Bromofluorobenzene	50	49.70	99.4

Comments:

Foot Notes:

1st Review: PN 5/7/99 2nd Review

CONTROL FILE SW 5/18

18708-0600 3301

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
222496

24SVE2 21DAYS

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. BIENKOWSKI	LAB COORDINATOR'S PHONE: 949-261-6441	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID: M9E013075	LABORATORY CONTACT: NOEL CRUZ	MAIL REPORT (COMPANY NAME): IT GROUP
PROJECT NAME: EL TORO 24SVE2	PROJECT LOCATION: MCAS ELTORO	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8810	LABORATORY FAX: 714-258-0721	RECIPIENT NAME: DUAYNE ISHIDA
PROJECT CONTACT: L. BIENKOWSKI	PROJECT PHONE NUMBER: —	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. GRAND AVE	ADDRESS: 3347 MICHELSON STE 200	
PROJECT ADDRESS: MCAS ELTORO	CITY, STATE AND ZIPCODE: IRVINE, CA.	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: SANTA ANA CA	CITY, STATE AND ZIPCODE: IRVINE, CA.	
PROJECT MANAGER: B. SEOLAK	PROJECT MANAGER'S PHONE: 949-261-6441	PROJECT MANAGER'S FAX:			

QUANTERRA

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14 CONTAINERIZE-HOLD	Comments: ANALYZE A BAG FIRST
1	18708-1073	VAPOR	5-13	0815	–	2	III	5DA	X	
2	18708-1074	VAPOR	5-13	0820	–	3	III	5DA	X	
3	18708-1075	VAPOR	5-13	0825	–	2	III	24HR	X	
4	18708-1076	VAPOR	5-13	0830	–	2	III	24HR	X ~~X~~	ANALYZE ONLY IF 18708-1075 IS DETECTED
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
Craig Parrish	Frank #1953	5-13	1005	

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

24SVE2 21DAY

Sample Point Location	Sample Type: G	C	F	QC
1. AMB 24SVE2 21 DAY	X			X
2. INFLUENT 24SVE2 21 DAY	X			
3. MIDPOINT 24SVE2 21 DAY	X			
4. EFFLUENT 24SVE2 21 DAY	X			

Comments

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

Quanterra Air Toxics Lab

Sample Name:	CVQ4P102 OHM M9E0130175-1	Date Analyzed:	13 May 99 14:58
Misc. Info:	500ml 18706-1073 TEDLAR BAG	Method:	MSB0513
Data Name:	B1730.D	Shift Call.File:	CC05131.D
Data Path:	D:\GCMSB\990510\	Dilution Factor:	1

	Compound	dRT	Results(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.08	ND	2.00
3)	Chloromethane	0.04	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	-0.26	ND	2.00
10)	Carbon Disulfide	-0.00	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.03	ND	2.00
12)	Acetone	0.03	ND	10.00
13)	Methylene Chloride	0.00	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.31	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	0.04	ND	2.00
21)	Carbon Tetrachloride	0.03	ND	2.00
23)	Benzene	-0.03	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.04	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	-0.04	ND	10.00
32)	Toluene	-0.05	ND	~~2.00~~ 5.0
34)	t-1,3-Dichloropropene	0.31	ND	2.00
35)	1,1,2-Trichloroethane		ND	2.00
36)	Tetrachloroethene	0.06	ND	2.00
37)	2-Hexanone	-0.49	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene	-0.14	ND	2.00
41)	Ethylbenzene	-0.00	ND	2.00
42)	p,&m-Xylene	0.02	ND	2.00
43)	o-Xylene	-0.01	ND	2.00
44)	Styrene	0.07	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CVQ4P102 OHM MBE0130175-1	Date Analyzed:	05/13/99 14:58
Misc. Info:	500ml 16708-1073 TEDLAR BAG	Method:	MSB0513
Data Name:	B1730.D	Shift Cal.File:	CC05131.D
Data Path:	D:\GCMSB\990510\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.44	ND	2.00
48) Benzyl Chloride	-0.11	ND	10.00
49) 4-Ethyl Toluene	0.10	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.07	ND	2.00
51) 1,2,4-Trimethylbenzene	0.04	ND	2.00
52) 1,3-Dichlorobenzene	0.39	ND	2.00
53) 1,4-Dichlorobenzene		ND	2.00
54) 1,2-Dichlorobenzene		ND	2.00
55) 1,2,4-Trichlorobenzene	0.23	ND	20.00
56) Hexachlorobutadiene	-0.40	ND	4.00

MTBE ND 10

LS.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	205530	180395	OK	7.04	7.04	OK
1,4-Difluorobenzene	986912	807550	OK	8.67	8.67	OK
Chlorobenzene-d5	562801	422153	OK	13.98	13.80	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.60	95.2
Toluene-d8	50	41.28	82.6
4-Bromofluorobenzene	50	52.42	104.8

Comments:

Foot Notes:

1st Review: 5/13/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CVQ4Q102 OHM M9E0130175-2	Date Analyzed:	13 May 99 14:31
Misc. Info:	5.0ml 18706-1074 TEDLAR BAG	Method:	MSB0513
Data Name:	B1729.D	Shift Cali.File:	CC05131.D
Data Path:	D:\GCMSB\990510\	Dilution Factor:	100

Compound	dRT	Results(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	0.32	ND	200.00
7) Chloroethane		ND	400.00
8) Trichlorofluoromethane (11)		ND	200.00
9) 1,1-Dichloroethene	0.01	3389.42 ✓	200.00
10) Carbon Disulfide		ND	1000.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.00	654.19 ✓	200.00
12) Acetone	0.02	ND	1000.00
13) Methylene Chloride	0.00	ND	200.00
14) t-1,2-Dichloroethene		ND	200.00
15) 1,1-Dichloroethane	0.03	ND	200.00
16) Vinyl Acetate	-0.03	ND	1000.00
17) c-1,2-Dichloroethene	-0.01	ND	200.00
18) 2-Butanone		ND	1000.00
19) Chloroform	-0.02	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	-0.01	17294.28 ✓	200.00
27) 1,2-Dichloropropane	-0.34	ND ~~213.28~~ MS, RT	200.00
28) Bromodichloromethane		ND	200.00
29) c-1,3-Dichloropropene		ND	200.00
30) 4-Methyl-2-Pentanone	-0.04	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	0.03 ✓	417.68 ✓	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	-0.42	ND	200.00
42) p,m-Xylene	0.01	ND	200.00
43) o-Xylene		ND	200.00
44) Styrene		ND	200.00
45) Bromoform		ND	200.00

5/13/99

Sample Name:	CVQ4Q102 OHM M9E0130175-2	Date Analyzed:	05/13/99 14:31
Misc. Info:	5.0ml 18706-1074 TEDLAR BAG	Method:	MSB0513
Data Name:	B1729.D	Shift Cali.File:	CC05131.D
Data Path:	D:\GCMSB\990510\	Dilution Factor:	100

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	200.00
48) Benzyl Chloride	0.38	ND	1000.00
49) 4-Ethyl Toluene		ND	200.00
50) 1,3,5-Trimethylbenzene	-0.24	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	205530	224622	OK	7.04	7.05	OK
1,4-Difluorobenzene	986812	1017088	OK	8.67	8.70	OK
Chlorobenzene-d5	562801	603012	OK	13.98	13.99	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.20	92.4
Toluene-d8	50	46.26	92.5
4-Bromofluorobenzene	50	44.51	89.0

Comments:

Foot Notes:

1st Review: 5/13/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CVQ4T102 OHM M9E0130175-3	Date Analyzed:	13 May 99 13:59
Misc. Info:	500ml 18708-1075 TEDLAR BAG	Method:	MSB0513
Data Name:	B1728.D	Shift Cali.File:	CC05131.D
Data Path:	D:\GCMSB\990510\	Dilution Factor:	1

Compound	dRT	Result(ppbv)		RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.04	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)	-0.00	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	9.69	✓	2.00
12) Acetone	-0.01	ND		10.00
13) Methylene Chloride	0.00	ND		2.00
14) t-1,2-Dichloroethene		ND		2.00
15) 1,1-Dichloroethane		ND		2.00
16) Vinyl Acetate	-0.06	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	-0.00	ND		2.00
23) Benzene	0.01	ND		2.00
25) 1,2-Dichloroethane		ND		2.00
26) Trichloroethene	0.00	24.98	✓	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	-0.07	ND		10.00
32) Toluene	-0.07	ND		~~2.00~~ 5.0
34) t-1,3-Dichloropropene		ND		2.00
35) 1,1,2-Trichloroethane		ND		2.00
36) Tetrachloroethene	0.03	ND		2.00
37) 2-Hexanone	-0.31	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	0.02	ND		2.00
43) o-Xylene	-0.03	ND		2.00
44) Styrene	0.06	ND		2.00
45) Bromoform		ND		2.00

Sample Name:	CVQ4T102 OHM M9E0130175-3	Data Analyzed:	05/13/99 13:59
Misc. Info:	500ml 18708-1075 TEDLAR BAG	Method:	MSB0513
Data Name:	B1728.D	Shift Cal.File:	CC05131.D
Data Path:	D:\GCMSB\990510\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	-0.16	ND	10.00
49) 4-Ethyl Toluene	0.10	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.03	ND	2.00
51) 1,2,4-Trimethylbenzene	0.16	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	-0.24	ND	20.00
56) Hexachlorobutadiene	-0.42	ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	205530	195205	OK	7.04	7.05	OK
1,4-Difluorobenzene	988612	885019	OK	8.67	8.66	OK
Chlorobenzene-d5	562601	444058	OK ✓	13.96	13.81	OK ✓

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.76	95.5
Toluene-d8	50	40.41	80.8
4-Bromofluorobenzene	50	51.33	102.7

Comments:

Foot Notes:

1st Review: 5/13/99

2nd Review:

MAY 14'99 13:36 FR 714 258 0921 TO 19494755433 P.08

Quanterra Air Toxics Lab

Sample Name:	CVQ4V102 OHM M9E0130175-4	Date Analyzed:	13 May 99 13:21
Misc. Info:	500ml 18706-1076 TEDLAR BAG	Method:	MSB0513
Data Name:	B1727.D	Shift Call.File:	CC05131.D
Data Path:	d:\gcmsb\990510\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.05	ND	2.00
3) Chloromethane	-0.04	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	4.66 ✓	2.00
10) Carbon Disulfide	-0.00	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.02	3.36 ✓	2.00
12) Acetone	0.01	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	0.06	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	0.04	ND	10.00
19) Chloroform		ND	2.00
20) 1,1,1-Trichloroethane		ND	2.00
21) Carbon Tetrachloride	0.01	ND	2.00
23) Benzene	-0.02	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	-0.02	21.49 ✓	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	-0.14	ND	10.00
32) Toluene	-0.06	~~2.79~~ ND	~~2.00~~ 5.0 L 5/13
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	-0.06	ND	2.00
42) p&m-Xylene	-0.00	ND	2.00
43) o-Xylene	0.06	ND	2.00
44) Styrene	0.06	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CVQ4V102 OHM MSE0130175-4	Date Analyzed:	05/13/99 13:21
Misc. Info:	500ml 18706-1076 TEDLAR BAG	Method:	MSB0513
Data Name:	B1727.D	Shift Calf.File:	CC05131.D
Data Path:	d:\gcmsb\990510\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.46	ND	2.00
48) Benzyl Chloride	-0.01	ND	10.00
49) 4-Ethyl Toluene	0.05	ND	2.00
50) 1,3,5-Trimethylbenzene	0.07	ND	2.00
51) 1,2,4-Trimethylbenzene	0.13	ND	2.00
52) 1,3-Dichlorobenzene	0.42	ND	2.00
53) 1,4-Dichlorobenzene	0.21	ND	2.00
54) 1,2-Dichlorobenzene	-0.27	ND	2.00
55) 1,2,4-Trichlorobenzene	-0.25	ND	20.00
56) Hexachlorobutadiene	-0.39	ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	206530	189949	OK	7.04	7.03	OK
1,4-Difluorobenzene	986812	847307	OK	8.67	8.67	OK
Chlorobenzene-d5	562801	370636	OK ✓	13.98	13.81	OK ✓

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.13	94.3
Toluene-d8	50	40.75	81.5
4-Bromofluorobenzene	50	50.39	100.8

Comments:

Foot Notes:

1st Review: 5/13/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CVQ4P102 OHM M9E0130175-	Data Analyzed:	13 May 99 14:58
Misc. Info:	500ml 18706-1073 TEDLAR BAG	Method:	MSB0513
Data Name:	B1730.D	Shift Cali.File:	CO05131.D
Data Path:	D:\GCMSB\990510\	Dilution Factor:	1

Compound	dRT	Results(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1	-0.08	ND	0.0069
3) Chloromethan	0.04	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)	0.02	ND	0.0112
9) 1,1-Dichloroethene	-0.26	ND	0.0079
10) Carbon Disulfide	-0.00	ND	0.0311
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.03	ND	0.0153
12) Acetone	0.03	ND	0.0237
13) Methylene Chloride	0.00	ND	0.0069
14) t-1,2-Dichloroethene		ND	0.0079
15) 1,1-Dichloroethane		ND	0.0081
16) Vinyl Acetate	-0.31	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	0.04	ND	0.0109
21) Carbon Tetrachloride	0.03	ND	0.0126
23) Benzene	-0.03	ND	0.0064
25) 1,2-Dichloroethane		ND	0.0081
26) Trichloroethene	-0.04	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	-0.04	ND	0.0409
32) Toluene	-0.05	ND	~~0.0075~~ 0.0088
34) t-1,3-Dichloropropene	0.31	ND	0.0091
35) 1,1,2-Trichloroethane		ND	0.0109
36) Tetrachloroethene	0.06	ND	0.0135
37) 2-Hexanone	-0.49	ND	0.1228
38) Dibromochloromethane		ND	0.0170
39) 1,2-Dibromoethane		ND	0.0153
40) Chlorobenzene	-0.14	ND	0.0092
41) Ethylbenzene	-0.00	ND	0.0087
42) p,m-Xylene	0.02	ND	0.0087
43) o-Xylene	-0.01	ND	0.0087
44) Styrene	0.07	ND	0.0085
45) Bromoform		ND	0.0206

L 5/13/99

Sample Name:	CVQ4P102 OHM M9E0130175-	Date Analyzed:	05/13/99 14:58
Misc. Info:	500ml 18706-1073 TEDLAR BA	Method:	MSB0513
Data Name:	B1730.D	Shift Cal.File:	CC05131.D
Data Path:	D:\GCMSB\990510\	Dilution Factor:	1

Compound	dRT	Result(ug/L)	R(ug/L)
47) 1,1,2,2-Tetrachloroethane	-0.44	ND	0.0137
48) Benzyl Chloride	-0.11	ND	0.0518
49) 4-Ethyl Toluene	0.10	ND	0.0098
50) 1,3,5-Trimethylbenzene	-0.07	ND	0.0098
51) 1,2,4-Trimethylbenzene	0.04	ND	0.0098
52) 1,3-Dichlorobenzene	0.39	ND	0.0120
53) 1,4-Dichlorobenzene		ND	0.0120
54) 1,2-Dichlorobenzene		ND	0.0120
55) 1,2,4-Trichlorobenzene	0.23	ND	0.1481
56) Hexachlorobutadiene	-0.40	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	205530	180395	OK	7.04	7.04	OK
1,4-Difluorobenzene	988612	807550	OK	8.67	8.67	OK
Chlorobenzene-d5	562601	422153	OK	13.98	13.80	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.60	95.2
Toluene-d8	50	41.28	82.6
4-Bromofluorobenzene	50	52.42	104.8

Comments:

Foot Notes:

1st Review: 5/13/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CVQ4Q102 OHM M9E0130175-	Date Analyzed:	13 May 99 14:31
Misc. Info:	5.0ml 15706-1074 TEDLAR BAG	Method:	MS50513
Data Name:	B1729.D	Shift Cal.File:	CC05131.D
Data Path:	D:\GCMSS\990510\	Dilution Factor:	100

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1		ND	0.9870
3) Chloromethan		ND	0.8244
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	1.3952
5) Vinyl Chloride		ND	0.5102
6) Bromomethan	0.32	ND	0.7750
7) Chloroethane		ND	1.0532
8) Trichlorofluoromethane (11)		ND	1.1214
9) 1,1-Dichloroethene	0.01	13.4119 ✓	0.7914
10) Carbon Disulfide		ND	3.1080
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.00	5.0032 ✓	1.5296
12) Acetone	0.02	ND	2.3710
13) Methylene Chloride	0.00	ND	0.6934
14) t-1,2-Dichloroethene		ND	0.7914
15) 1,1-Dichloroethane	0.03	ND	0.8078
16) Vinyl Acetate	-0.03	ND	3.5140
17) c-1,2-Dichloroethene	-0.01	ND	0.7914
18) 2-Butanone		ND	2.9430
19) Chloroform	-0.02	ND	0.9746
20) 1,1,1-Trichloroethane		ND	1.0890
21) Carbon Tetrachloride	0.01	ND	1.2566
23) Benzene		ND	0.6376
25) 1,2-Dichloroethane		ND	0.8078
26) Trichloroethene	-0.01	92.7493 ✓	1.0726
27) 1,2-Dichloropropane	-0.34	ND ~~0.3944~~ HS.RT	0.9224
28) Bromodichloromethane		ND	1.3374
29) c-1,3-Dichloropropene		ND	0.9058
30) 4-Methyl-2-Pentanone	-0.04	ND	4.0660
32) Toluene		ND	~~0.7522~~ 1.88
34) t-1,3-Dichloropropene		ND	0.9058
35) 1,1,2-Trichloroethane		ND	1.0890
36) Tetrachloroethene	0.03	2.8273 ✓	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	-0.42	ND	0.8666
42) p,m-Xylene	0.01	ND	0.8666
43) o-Xylene		ND	0.8666
44) Styrene		ND	0.8502
45) Bromoform		ND	2.0632

Sample Name:	CVQ4Q102 OHM M9E0130175-	Date Analyzed:	05/13/99 14:31
Misc. Info:	5.0ml 18706-1074 TEDLAR BA	Method:	MSB0513
Data Name:	B1729.D	Shift Cali.File:	CC05131.D
Data Path:	D:\GCMSB\990510\	Dilution Factor:	100

	Compound	dRT	Results(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.3702
48)	Benzyl Chloride	0.38	ND	5.1760
49)	4-Ethyl Toluene		ND	0.9612
50)	1,3,5-Trimethylbenzene	-0.24	ND	0.9612
51)	1,2,4-Trimethylbenzene		ND	0.9612
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	205630	224622	OK	7.04	7.05	OK
1,4-Difluorobenzene	986812	1017068	OK	8.67	8.70	OK
Chlorobenzene-d5	562801	503012	OK ✓	13.98	13.99	OK ✓

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.20	92.4
Toluene-d8	50	46.26	92.5
4-Bromofluorobenzene	50	44.51	89.0

Comments:

Foot Notes:

1st Review: 5/13/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CVQ4T102 OHM M9E0130175-	**Date Analyzed:**	13 May 99 13:58
Misc. Info:	500ml 18708-1075 TEDLAR BAG	**Method:**	MSB0513
Data Name:	B1728.D	**Shift Call File:**	CC05131.D
Data Path:	D:\GCMSB\990510\	**Dilution Factor:**	1

	Compound	dRT	Results(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.04	ND	0.0069
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)	-0.00	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	0.0741	0.0153
12)	Acetone	-0.01	ND	0.0237
13)	Methylene Chloride	0.00	ND	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	-0.01	ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride	-0.00	ND	0.0126
23)	Benzene	0.01	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	0.00	0.1340	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	-0.07	ND	0.0409
32)	Toluene	-0.07	ND	~~0.0075~~ 0.0188
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109
36)	Tetrachloroethene	0.03	ND	0.0135
37)	2-Hexanone	-0.31	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	0.02	ND	0.0087
43)	o-Xylene	-0.03	ND	0.0087
44)	Styrene	0.05	ND	0.0065
45)	Bromoform		ND	0.0206

Sample Name:	CVQ4T102 OHM M9E0130175-	Date Analyzed:	05/13/99 13:59
Misc. Info:	500ml 18708-1075 TEDLAR BA	Method:	MSB0513
Data Name:	B1728.D	Shift Cali.File:	CC05131.D
Data Path:	D:\GCMSB\990510\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	-0.16	ND	0.0518
49)	4-Ethyl Toluene	0.10	ND	0.0096
50)	1,3,5-Trimethylbenzene	-0.03	ND	0.0096
51)	1,2,4-Trimethylbenzene	0.16	ND	0.0096
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	-0.24	ND	0.1481
56)	Hexachlorobutadiene	-0.42	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	205530	195205	OK	7.04	7.05	OK
1,4-Difluorobenzene	988612	885019	OK	8.67	8.66	OK
Chlorobenzene-d5	582801	444058	OK ✓	13.96	13.81	OK ✓

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.76	95.5
Toluene-d8	50	40.41	80.8
4-Bromofluorobenzene	50	51.33	102.7

Comments:

Foot Notes:

1st Review: 5/13/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CVQ4V102 OHM M9E0130175-	Data Analyzed:	13 May 99 13:21
Misc. Info:	500ml 18706-1076 TEDLAR BAG	Method:	MSB0613
Data Name:	B1727.D	Shift Cal.File:	CC05131.D
Data Path:	d:\gcmsb\990510\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)		RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.05	ND		0.0099
3)	Chloromethan	-0.04	ND		0.0062
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)	-0.00	ND		0.0112
9)	1,1-Dichloroethene	0.01	0.0184	✓	0.0079
10)	Carbon Disulfide	-0.00	ND		0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	0.0258	✓	0.0153
12)	Acetone	0.01	ND		0.0237
13)	Methylene Chloride	0.02	ND		0.0069
14)	t-1,2-Dichloroethene		ND		0.0079
15)	1,1-Dichloroethane		ND		0.0061
16)	Vinyl Acetate	0.06	ND		0.0351
17)	c-1,2-Dichloroethene		ND		0.0079
18)	2-Butanone	0.04	ND		0.0294
19)	Chloroform		ND		0.0097
20)	1,1,1-Trichloroethane		ND		0.0109
21)	Carbon Tetrachloride	0.01	ND		0.0126
23)	Benzene	-0.02	ND		0.0064
25)	1,2-Dichloroethane		ND		0.0061
26)	Trichloroethene	-0.02	0.1153	✓	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	-0.14	ND		0.0409
32)	Toluene	-0.06	~~0.0194~~	ND	~~0.0075~~ 0.0188
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	-0.06	ND		0.0087
42)	p,m-Xylene	-0.00	ND		0.0087
43)	o-Xylene	0.05	ND		0.0087
44)	Styrene	0.06	ND		0.0085
45)	Bromoform		ND		0.0206

** TOTAL PAGE.018 **

D:\GCMSB\990510\B1727.D

Sample Name:	CVQ4V102 OHM M9E0130175-	Date Analyzed:	05/13/99 13:21
Misc. Info:	500ml 18708-1076 TEDLAR BA	Method:	MSB0513
Data Name:	B1727.D	Shift Cal.File:	CC05131.D
Data Path:	d:\gcmsb\990510\	Dilution Factor:	1

Compound	dRT	Result(ug/L)	RL(ug/L)
47) 1,1,2,2-Tetrachloroethane	-0.48	ND	0.0137
48) Benzyl Chloride	-0.01	ND	0.0518
49) 4-Ethyl Toluene	0.05	ND	0.0098
50) 1,3,5-Trimethylbenzene	0.07	ND	0.0098
51) 1,2,4-Trimethylbenzene	0.13	ND	0.0098
52) 1,3-Dichlorobenzene	0.42	ND	0.0120
53) 1,4-Dichlorobenzene	0.21	ND	0.0120
54) 1,2-Dichlorobenzene	-0.27	ND	0.0120
55) 1,2,4-Trichlorobenzene	-0.25	ND	0.1481
56) Hexachlorobutadiene	-0.39	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	205530	189949	OK	7.04	7.03	OK
1,4-Difluorobenzene	966812	847307	OK	8.67	8.67	OK
Chlorobenzene-d5	562801	370635	OK	13.98	13.81	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.13	94.3
Toluene-d8	50	40.75	81.5
4-Bromofluorobenzene	50	50.39	100.8

Comments:

Foot Notes:

1st Review: 5/13/99 2nd Review

18708-06003301

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
222498
24SVE2 28DAYS
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)
L. BIENKOWSKI	949-261-6441	949-475-5433		NOEL CRUZ	IT GROUP

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
EL TORO	MCAS EL TORO	18708	714-258-8610	714-258-0721	DWAYNE ISHIDA

PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS	ADDRESS
L. BIENKOWSKI	—	—	1721 S. GRAND AVE.	3347 MICHELSON STE 200

PROJECT ADDRESS	CITY, STATE AND ZIPCODE	CLIENT	CITY, STATE AND ZIPCODE	CITY, STATE AND ZIPCODE
MCAS EL TORO	IRVINE CA	SWDIV	SANTA ANA, CA	IRVINE, CA.

PROJECT MANAGER	PROJECT MANAGER'S PHONE	PROJECT MANAGER'S FAX
B. SEDLAK	949-261-6441	—

Item	Sample Identifier	Matrix	Date 1999	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	CONTINGENT-HOLD							Comments
																	QUANTERRA ANALYZE TO BAG FIRST
1	18708-1081	VAPOR	5-20	0845	—	2	III	5DA	X								
2	18708-1082	VAPOR	5-20	0850	—	3	III	5DA	X								
3	18708-1083	VAPOR	5-20	0855	—	2	IV	5DA	X								
4	18708-1084	VAPOR	5-20	0900	—	2	III	24HR	X								
5	18708-1085	VAPOR	5-20	0905	—	2	III	24HR	X	~~X~~	LO						ANALYZE ONLY IF 18708-1084 IS DETECTED
6																	
7																	
8																	
9																	
10																	

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

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Cary Ahrish		5-20-99		

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

24SVE2
28DAYS

Sample Point Location	Sample Type G	C	F	QC
1. AMBIENT 24SVE2 28DAYS	X			X
2. INFLUENT 24SVE2 28DAYS	X			
3. INFLUENT 24SVE2 DUPLICATE 28DAYS	X			X
4. MIDPOINT 24SVE2 28DAYS	X			
5. EFFLUENT 24SVE2 28DAYS	X			

Comments

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

Quanterra Air Toxics Lab

Sample Name:	CW1R4102 OHM M9E200201-1	**Data Analyzed:**	20 May 99 16:16
Misc. Info:	500 ml 18706-1081 TED. BAG	**Method:**	MSB0520
Data Name:	B1819.D	**Shift Call.File:**	CC05201.D
Data Path:	d:\gcmsb\990517\	**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)	-0.34	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	-0.00	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	0.01	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	0.19	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	0.04	ND	10.00
19) Chloroform	0.03	ND	2.00
20) 1,1,1-Trichloroethane	0.06	ND	2.00
21) Carbon Tetrachloride	0.02	ND	2.00
23) Benzene	-0.01	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	0.00	65.04	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	-0.05	ND	10.00
32) Toluene	-0.06	ND	~~2.00~~ 5.0
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane		ND	2.00
36) Tetrachloroethene	-0.02	3.16	2.00
37) 2-Hexanone	-0.10	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	-0.01	ND	2.00
44) Styrene	0.07	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CW1R4102 OHM M9E200201-1	Data Analyzed:	05/20/99 16:16
Misc. Info:	500 ml 18708-1081 TED. BAG	Method:	MSB0520
Data Name:	B1819.D	Shift Cali.File:	CC05201.D
Data Path:	d:\gcmsb\990517\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.47	ND	2.00
48) Benzyl Chloride	-0.08	ND	10.00
49) 4-Ethyl Toluene	0.12	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.03	ND	2.00
51) 1,2,4-Trimethylbenzene	0.07	ND	2.00
52) 1,3-Dichlorobenzene		ND	2.00
53) 1,4-Dichlorobenzene		ND	2.00
54) 1,2-Dichlorobenzene	-0.25	ND	2.00
55) 1,2,4-Trichlorobenzene	0.26	ND	20.00
56) Hexachlorobutadiene	-0.35	ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	218510	223771	OK	7.14	7.09	OK
1,4-Difluorobenzene	1059143	891067	OK	8.79	8.74	OK
Chlorobenzene-d5	556194	493175	OK	14.09	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.70	107.4
Toluene-d8	50	43.90	87.8
4-Bromofluorobenzene	50	49.51	99.0

Comments:

Foot Notes:

1st Review: 5/21/99

2nd Review: LR 5/21/99

Quanterra Air Toxics Lab

Sample Name:	CW1TE102 OHM M9E200201-2	**Data Analyzed:**	20 May 99 16:44
Misc. Info:	5 ml 18708-1082 TED. BAG	**Method:**	MSB0520
Data Name:	B1820.D	**Shift Call.File:**	CC05201.D
Data Path:	D:\GCMSB\990517\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	0.9870
3)	Chloromethan		ND	0.8244
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	1.3952
5)	Vinyl Chloride		ND	0.5102
6)	Bromomethan		ND	0.7750
7)	Chloroethane		ND	1.0532
8)	Trichlorofluoromethane (11)		ND	1.1214
9)	1,1-Dichloroethene	0.01	12.9120 ✓	0.7914
10)	Carbon Disulfide		ND	3.1080
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	5.4242 ✓	1.5296
12)	Acetone	0.04	ND	2.3710
13)	Methylene Chloride	0.01	ND	0.6934
14)	t-1,2-Dichloroethene		ND	0.7914
15)	1,1-Dichloroethane	0.00	ND	0.8078
16)	Vinyl Acetate	0.08	ND	3.5140
17)	c-1,2-Dichloroethene		ND	0.7914
18)	2-Butanone	0.44	ND	2.9430
19)	Chloroform	0.00	ND	0.9746
20)	1,1,1-Trichloroethane		ND	1.0890
21)	Carbon Tetrachloride	0.04	ND	1.2556
23)	Benzene		ND	0.6376
25)	1,2-Dichloroethane	0.22	ND	0.8078
26)	Trichloroethene	0.01	95.2608 ✓	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	0.01	ND	4.0880
32)	Toluene		ND	~~0.7322~~ 1.88
34)	t-1,3-Dichloropropene		ND	0.9058
35)	1,1,2-Trichloroethane	-0.39	ND	1.0890
36)	Tetrachloroethene	0.01	2.2776 ✓	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	-0.37	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:	CW1TE102 OHM M9E200201-2	**Data Analyzed:**	05/20/99 16:44
Misc. Info:	5 ml 18708-1082 TED. BAG	**Method:**	MSB0520
Data Name:	B1820.D	**Shift Cali.File:**	CC05201.D
Data Path:	D:\GCMSB\990517\	**Dilution Factor:**	100

Compound	dRT	Result(ug/L)	RL(ug/L)
47) 1,1,2,2-Tetrachloroethane		ND	1.3702
48) Benzyl Chloride		ND	5.1780
49) 4-Ethyl Toluene	0.46	ND	0.9812
50) 1,3,5-Trimethylbenzene	0.27	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	218510	224133	OK	7.14	7.11	OK
1,4-Difluorobenzene	1059143	922135	OK	8.79	8.78	OK
Chlorobenzene-d5	566194	531820	OK	14.09	14.09	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.06	106.1
Toluene-d8	50	51.18	102.4
4-Bromofluorobenzene	50	48.12	96.2

Comments:

Foot Notes:

1st Review: 5/21/99 2nd Review LR 5/21/99

Quanterra Air Toxics Lab

Sample Name:	CW1TG102 OHM M9E200201-3	**Data Analyzed:**	20 May 99 17:11
Misc. Info:	5 ml 18708-1083 TED. BAG	**Method:**	MSB0520
Data Name:	B1821.D	**Shift Call.File:**	CC05201.D
Data Path:	D:\GCMSB\990517\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	0.9870
3)	Chloromethan		ND	0.8244
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	1.3952
5)	Vinyl Chloride		ND	0.5102
6)	Bromomethan	-0.17	ND	0.7750
7)	Chloroethane		ND	1.0532
8)	Trichlorofluoromethane (11)		ND	1.1214
9)	1,1-Dichloroethene	-0.00	13.6915 ✓	0.7914
10)	Carbon Disulfide		ND	3.1080
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	5.4954 ✓	1.5296
12)	Acetone	0.06	ND	2.3710
13)	Methylene Chloride	-0.03	ND	0.6934
14)	t-1,2-Dichloroethene		ND	0.7914
15)	1,1-Dichloroethane	0.00	ND	0.8078
16)	Vinyl Acetate	0.16	ND	3.5140
17)	c-1,2-Dichloroethene		ND	0.7914
18)	2-Butanone		ND	2.9430
19)	Chloroform	0.00	ND	0.9746
20)	1,1,1-Trichloroethane		ND	1.0890
21)	Carbon Tetrachloride	0.04	ND	1.2556
23)	Benzene	0.04	ND	0.6376
25)	1,2-Dichloroethane		ND	0.8078
26)	Trichloroethene	0.01	93.7233 ✓	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	0.01	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	-0.01	3.0448 ✓	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	-0.42	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:	CW1TG102 OHM M9E200201-	Data Analyzed:	05/20/99 17:11
Misc. Info:	5 ml 18708-1083 TED. BAG	Method:	MSB0520
Data Name:	B1821.D	Shift Call.File:	CC05201.D
Data Path:	D:\GCMSB\990517\	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		ND	3.6

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	218510	242099	OK	7.14	7.11	OK
1,4-Difluorobenzene	1059143	1055632	OK	8.79	8.77	OK
Chlorobenzene-d5	556194	453097	OK ✓	14.09	14.08	OK ✓

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.36	102.7
Toluene-d8	50	48.68	97.4
4-Bromofluorobenzene	50	48.80	97.6

Comments:

Foot Notes:

1st Review: 5/21/99 2nd Review LR 5/21/99

Quanterra Air Toxics Lab

Sample Name:	CW1TK102 OHM M9E200201-4	**Data Analyzed:**	20 May 99 15:44
Misc. Info:	500 ml 18708-1084 TED. BAG	**Method:**	MSB0520
Data Name:	B1818.D	**Shift Call.File:**	CC05201.D
Data Path:	d:\gcmsb\990517\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	0.04	ND	0.0099
3)	Chloromethan		ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride	0.17	ND	0.0051
6)	Bromomethan		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)		ND	0.0112
9)	1,1-Dichloroethene	0.00	ND	0.0079
10)	Carbon Disulfide	0.07	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	0.0919 ✓	0.0153
12)	Acetone	0.00	ND	0.0237
13)	Methylene Chloride	0.00	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.13	ND	0.0081
16)	Vinyl Acetate	-0.35	ND ~~0.0501~~ MS, RT	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	-0.03	ND	0.0294
19)	Chloroform	0.31	ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride	0.00	ND	0.0126
23)	Benzene	0.01	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.01	0.1015 ✓	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	-0.06	ND	0.0409
32)	Toluene	-0.07	ND	~~0.0075~~ 0.0188
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethene		ND	0.0109
36)	Tetrachloroethene	-0.04	ND	0.0135
37)	2-Hexanone	-0.36	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	-0.03	ND	0.0087
43)	o-Xylene	0.04	ND	0.0087
44)	Styrene	0.03	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CW1TK102 OHM M9E200201-4	Data Analyzed:	05/20/99 15:44
Misc. Info:	500 ml 18708-1084 TED. BAG	Method:	MSB0520
Data Name:	B1818.D	Shift Call.File:	CC05201.D
Data Path:	d:\gcmsb\990517\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	-0.01	ND	0.0518
49)	4-Ethyl Toluene	0.07	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.03	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.02	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene	0.18	ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.23	ND	0.1481
56)	Hexachlorobutadiene	-0.41	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	218510	224407	OK	7.14	7.13	OK
1,4-Difluorobenzene	1058143	889690	OK	8.79	8.75	OK
Chlorobenzene-d5	556194	489248	OK	14.09	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	54.55	109.1
Toluene-d8	50	43.86	87.7
4-Bromofluorobenzene	50	49.62	99.2

Comments:

Foot Notes:

1st Review: K 5/21/99 2nd Review LR 5/21/99

Quanterra Air Toxics Lab

Sample Name:	CW1TM102 OHM M9E200201-5	**Data Analyzed:**	20 May 99 17:40
Misc. Info:	500 ml 18708-1085 TED. BAG	**Method:**	MSB0520
Data Name:	B1822.D	**Shift Call.File:**	CC05201.D
Data Path:	d:\gcmsb\990517\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	0.01	ND	0.0099
3)	Chloromethan	-0.05	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)		ND	0.0112
9)	1,1-Dichloroethene	0.00	0.0191 ✓	0.0079
10)	Carbon Disulfide	-0.02	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	0.0326 ✓	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	-0.06	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		ND	0.0109
21)	Carbon Tetrachloride	0.00	ND	0.0126
23)	Benzene	-0.01	ND	0.0084
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.02	0.0614 ✓	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.45	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.03	ND	0.0409
32)	Toluene	-0.07	ND	~~0.0075~~
34)	t-1,3-Dichloropropene	-0.14	ND	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109
36)	Tetrachloroethene	-0.03	ND	0.0135
37)	2-Hexanone	0.05	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	0.06	ND	0.0085
45)	Bromoform		ND	0.0208

0.019 / ~~0.0376~~ (LR) 5/21/99

D:\GCMSB\990517\B1822.D

Sample Name:	CW1TM102 OHM M9E200201-	Data Analyzed:	05/20/99 17:40
Misc. Info:	500 ml 18708-1085 TED. BAG	Method:	MSB0520
Data Name:	B1822.D	Shift Call.File:	CC05201.D
Data Path:	d:\gcmsb\990517\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.40	ND	0.0137
48)	Benzyl Chloride	0.42	ND	0.0518
49)	4-Ethyl Toluene	0.12	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.01	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.18	ND	0.0098
52)	1,3-Dichlorobenzene	0.42	ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.25	ND	0.1481
56)	Hexachlorobutadiene	-0.43	ND	0.0426
	MT BZ		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	218510	232893	OK	7.14	7.10	OK
1,4-Difluorobenzene	1059143	976840	OK	8.79	8.75	OK
Chlorobenzene-d5	558194	555215	OK	14.09	13.93	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	54.40	108.8
Toluene-d8	50	43.46	86.9
4-Bromofluorobenzene	50	50.34	100.7

Comments:

Foot Notes:

1st Review: L 5/21/99 2nd Review LR 5/21/99

Quanterra Air Toxics Lab

Sample Name:	CW1R4102 OHM M9E200201-1	**Data Analyzed:**	20 May 99 16:16
Misc. Info:	500 ml 18708-1081 TED. BAG	**Method:**	MSB0520
Data Name:	B1819.D	**Shift Call.File:**	CC05201.D
Data Path:	D:\GCMSB\990517\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.01	ND	0.0099
3)	Chloromethan	-0.03	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)	-0.34	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	-0.00	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	0.01	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	0.19	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.04	ND	0.0294
19)	Chloroform	0.03	ND	0.0097
20)	1,1,1-Trichloroethane	0.06	ND	0.0109
21)	Carbon Tetrachloride	0.02	ND	0.0126
23)	Benzene	-0.01	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	0.00	0.3488 ✓	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	-0.05	ND	0.0409
32)	Toluene	-0.06	ND	~~0.0076~~ 0.0188
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109
36)	Tetrachloroethene	-0.02	0.0214 ✓	0.0135
37)	2-Hexanone	-0.10	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	-0.01	ND	0.0087
44)	Styrene	0.07	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CW1R4102 OHM M9E200201-1	**Data Analyzed:**	05/20/99 16:16
Misc. Info:	500 ml 18708-1081 TED. BAG	**Method:**	MSB0520
Data Name:	B1819.D	**Shift Cali.File:**	CC05201.D
Data Path:	D:\GCMSB\990517\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.47	ND	0.0137
48)	Benzyl Chloride	-0.08	ND	0.0518
49)	4-Ethyl Toluene	0.12	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.03	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.07	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene	-0.25	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.26	ND	0.1481
56)	Hexachlorobutadiene	-0.35	ND	0.0426

MT BZ ND 0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	218510	223771	OK	7.14	7.09	OK
1,4-Difluorobenzene	1059143	891067	OK	8.79	8.74	OK
Chlorobenzene-d5	556194	493175	OK	14.09	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.70	107.4
Toluene-d8	50	43.90	87.8
4-Bromofluorobenzene	50	49.51	99.0

Comments:

Foot Notes:

1st Review: 5/21/99 2nd Review LR 5/21/99

Quanterra Air Toxics Lab

Sample Name:	CW1TE102 OHM M9E200201-2	Data Analyzed:	20 May 99 16:44
Misc. Info:	5 ml 18708-1082 TED. BAG	Method:	MSB0520
Data Name:	B1820.D	Shift Call.File:	CC05201.D
Data Path:	d:\gcmsb\990517\	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	3263.09	200.00
10) Carbon Disulfide		ND	1000.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	709.23	200.00
12) Acetone	0.04	ND	1000.00
13) Methylene Chloride	0.01	ND	200.00
14) t-1,2-Dichloroethene		ND	200.00
15) 1,1-Dichloroethane	0.00	ND	200.00
16) Vinyl Acetate	0.08	ND	1000.00
17) c-1,2-Dichloroethene		ND	200.00
18) 2-Butanone	0.44	ND	1000.00
19) Chloroform	0.00	ND	200.00
20) 1,1,1-Trichloroethane		ND	200.00
21) Carbon Tetrachloride	0.04	ND	200.00
23) Benzene		ND	200.00
25) 1,2-Dichloroethane	0.22	ND	200.00
26) Trichloroethene	0.01	17762.59	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	0.01	ND	1000.00
32) Toluene		ND	~~200.00~~ 500
34) t-1,3-Dichloropropene		ND	200.00
35) 1,1,2-Trichloroethane	-0.39	ND	200.00
36) Tetrachloroethene	0.01	336.47	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	-0.37	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:	CW1TE102 OHM M9E200201-2	**Data Analyzed:**	05/20/99 16:44
Misc. Info:	5 ml 18708-1082 TED. BAG	**Method:**	MSB0520
Data Name:	B1820.D	**Shift Call.File:**	CC05201.D
Data Path:	d:\gcmsb\990517\	**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	0.46	ND	200.00
50)	1,3,5-Trimethylbenzene	0.27	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	~~3.6~~ 1000

(LR) 5/21/99

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	218510	224133	OK	7.14	7.11	OK
1,4-Difluorobenzene	1059143	922135	OK	8.79	8.78	OK
Chlorobenzene-d5	556194	531820	OK	14.09	14.09	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.06	106.1
Toluene-d8	50	51.18	102.4
4-Bromofluorobenzene	50	48.12	96.2

Comments:

Foot Notes:

1st Review: LR 5/21/99

2nd Review: LR 5/21/99

Quanterra Air Toxics Lab

Sample Name:	CW1TG102 OHM M9E200201-3	**Data Analyzed:**	20 May 99 17:11
Misc. Info:	5 ml 18708-1083 TED. BAG	**Method:**	MSB0520
Data Name:	B1821.D	**Shift Call.File:**	CC05201.D
Data Path:	d:\gcmsb\990517\	**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	-0.17	ND	200.00
7) Chloroethane		ND	400.00
8) Trichlorofluoromethane (11)		ND	200.00
9) 1,1-Dichloroethene	-0.00	3460.08	200.00
10) Carbon Disulfide		ND	1000.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.00	718.54	200.00
12) Acetone	0.06	ND	1000.00
13) Methylene Chloride	-0.03	ND	200.00
14) t-1,2-Dichloroethene		ND	200.00
15) 1,1-Dichloroethane	0.00	ND	200.00
16) Vinyl Acetate	0.16	ND	1000.00
17) c-1,2-Dichloroethene		ND	200.00
18) 2-Butanone		ND	1000.00
19) Chloroform	0.00	ND	200.00
20) 1,1,1-Trichloroethane		ND	200.00
21) Carbon Tetrachloride	0.04	ND	200.00
23) Benzene	0.04	ND	200.00
25) 1,2-Dichloroethane		ND	200.00
26) Trichloroethene	0.01	17475.91	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	0.01	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	-0.01	449.81	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	-0.42	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:	CW1TG102 OHM M9E200201-3	Data Analyzed:	05/20/99 17:11
Misc. Info:	5 ml 18708-1083 TED. BAG	Method:	MSB0520
Data Name:	B1821.D	Shift Call.File:	CC05201.D
Data Path:	d:\gcmsb\990517\	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
	MTBZ		ND	1000

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	218510	242099	OK	7.14	7.11	OK
1,4-Difluorobenzene	1059143	1055632	OK	8.79	8.77	OK
Chlorobenzene-d5	556194	453097	OK	14.09	14.08	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.36	102.7
Toluene-d8	50	48.68	97.4
4-Bromofluorobenzene	50	48.80	97.6

Comments:

Foot Notes:

1st Review: 5/21/99 2nd Review: LR 5/21/99

TENTATIVELY IDENTIFIED COMPOUNDS

SANTA ANA

CLIENT ID: 18708-103

SAMPLE NO: M9E200201-3

ANALYSIS DATE: 5/20/99

DILUTION FACTOR: 100

DATA FILE: B1821

RET. TIME	CAS NO.	COMPOUND	CONC. (ppbv)
No unknown found > 10% of Internal Standard.			

COMMENTS:

REDUCED BY: LR 5/21/99

REVIEWED BY:

Quanterra Air Toxics Lab

Sample Name:	CW1TK102 OHM M9E200201-4	Data Analyzed:	20 May 99 15:44
Misc. Info:	500 ml 18706-1084 TED. BAG	Method:	MSB0520
Data Name:	B1818.D	Shift Cali.File:	CC05201.D
Data Path:	d:\gcmsb\990517\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	0.04	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	0.17	ND	2.00
6) Bromomethane		ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)		ND	2.00
9) 1,1-Dichloroethene	0.00	ND	2.00
10) Carbon Disulfide	0.07	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.00	12.01 ✓	2.00
12) Acetone	0.00	ND	10.00
13) Methylene Chloride	0.00	ND	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane	-0.13	ND	2.00
16) Vinyl Acetate	-0.35	ND ~~14.26~~ MS RT	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	-0.03	ND	10.00
19) Chloroform	0.31	ND	2.00
20) 1,1,1-Trichloroethane		ND	2.00
21) Carbon Tetrachloride	0.00	ND	2.00
23) Benzene	0.01	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	-0.01	18.93 ✓	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	-0.06	ND	10.00
32) Toluene	-0.07	ND	~~2.00~~ 6.0
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	-0.36	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	-0.03	ND	2.00
43) o-Xylene	0.04	ND	2.00
44) Styrene	0.03	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CW1TK102 OHM M9E200201-4	Data Analyzed:	05/20/99 15:44
Misc. Info:	500 ml 18708-1084 TED. BAG	Method:	MSB0520
Data Name:	B1818.D	Shift Call.File:	CC05201.D
Data Path:	d:\gcmsb\990517\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	-0.01	ND	10.00
49) 4-Ethyl Toluene	0.07	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.03	ND	2.00
51) 1,2,4-Trimethylbenzene	0.02	ND	2.00
52) 1,3-Dichlorobenzene		ND	2.00
53) 1,4-Dichlorobenzene		ND	2.00
54) 1,2-Dichlorobenzene	0.18	ND	2.00
55) 1,2,4-Trichlorobenzene	-0.23	ND	20.00
56) Hexachlorobutadiene	-0.41	ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	218510	224407	OK	7.14	7.13	OK
1,4-Difluorobenzene	1059143	889690	OK	8.79	8.75	OK
Chlorobenzene-d5	556194	489248	OK	14.09	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	54.55	109.1
Toluene-d8	50	43.86	87.7
4-Bromofluorobenzene	50	49.62	99.2

Comments:

Foot Notes:

1st Review: 5/21/99 2nd Review: LR 5/21/99

Quanterra Air Toxics Lab

Sample Name:	CW1TM102 OHM M9E200201-5	**Data Analyzed:**	20 May 99 17:40
Misc. Info:	500 ml 18708-1085 TED. BAG	**Method:**	MSB0520
Data Name:	B1822.D	**Shift Call.File:**	CC05201.D
Data Path:	d:\gcmsb\990517\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	0.01	ND	2.00
3) Chloromethane	-0.05	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)		ND	2.00
9) 1,1-Dichloroethene	0.00	4.82	2.00
10) Carbon Disulfide	-0.02	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.02	4.26	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	-0.06	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		ND	2.00
21) Carbon Tetrachloride	0.00	ND	2.00
23) Benzene	-0.01	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	-0.02	11.46	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane		ND	2.00
29) c-1,3-Dichloropropene	0.45	ND	2.00
30) 4-Methyl-2-Pentanone	-0.03	ND	10.00
32) Toluene	-0.07	ND	~~2.00~~ 5.0
34) t-1,3-Dichloropropene	-0.14	ND	2.00
35) 1,1,2-Trichloroethane		ND	2.00
36) Tetrachloroethene	-0.03	ND	2.00
37) 2-Hexanone	0.05	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	0.06	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CW1TM102 OHM M9E200201-5	Data Analyzed:	05/20/99 17:40
Misc. Info:	500 ml 18708-1085 TED. BAG	Method:	MSB0520
Data Name:	B1822.D	Shift Call.File:	CC05201.D
Data Path:	d:\gcmsb\990517\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.40	ND	2.00
48) Benzyl Chloride	0.42	ND	10.00
49) 4-Ethyl Toluene	0.12	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.01	ND	2.00
51) 1,2,4-Trimethylbenzene	0.18	ND	2.00
52) 1,3-Dichlorobenzene	0.42	ND	2.00
53) 1,4-Dichlorobenzene		ND	2.00
54) 1,2-Dichlorobenzene		ND	2.00
55) 1,2,4-Trichlorobenzene	-0.25	ND	20.00
56) Hexachlorobutadiene	-0.43	ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	218510	232893	OK	7.14	7.10	OK
1,4-Difluorobenzene	1059143	976840	OK	8.79	8.75	OK
Chlorobenzene-d5	556194	555215	OK	14.09	13.93	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	54.40	108.8
Toluene-d8	50	43.46	86.9
4-Bromofluorobenzene	50	50.34	100.7

Comments:

Foot Notes:

1st Review: LR 5/21/99

2nd Review: LR 5/21/99

MAY 21'99 16:17 FR 714 258 0921 TO 19494755433 P.13

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

218431

FORM 0019 REV. 2-97

24SVE2 - 35 days

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: (949) 660-7537	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICES ID:	LABORATORY CONTACT: Quanterra	MAIL REPORT (COMPANY NAME): IT
PROJECT NAME: El Toro - D065	PROJECT LOCATION: El Toro - 24SVE2	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX:	RECIPIENT NAME: Duwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: (949) 451-16666	PROJECT FAX: —	LABORATORY ADDRESS: 1721 Grand		ADDRESS: 3347 Michelson
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE AND ZIPCODE: Irvine, CA
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: (949) 261-16661	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Contingent-Hold							Comments
																	Analyze "A" Bag First
1	18708 - 1110	Vapor	5/27/99	0741	—	2	3	5day	X								B: 0743
2	18708 - 1111	Vapor		0805	—	2	3	5day	X								B: 0807
3	18708 - 1112	Vapor		0755	—	2	3	24hr	X								B: 0800
4	18708 - 1113	Vapor	↓	0745	—	2	3	24hr	X	X							Analyze only if 18708-1112 is detected B: 0750
5																	
6																	
7																	
8																	
9																	
10																	

SAMPLES COLLECTED BY: D. Ishida	COURIER AND AIR BILL NUMBER: COURIER			COOLER TEMPERATURES UPON RECEIPT:
RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
[signature]	Frank # 1152	5/27/99	13:00	

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

18708-0600 3301

24SVE2 - 35 days

Sample Point Location	Sample Type: G	C	F	QC
1. 24SVE2 - Ambient 35 days				X
2. 24SVE2 - Influent 35 days	X			
3. 24SVE2 - Midpoint 35 days	X			
4. 24SVE2 - Effluent 35 days	X			

Comments

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

Quanterra Air Toxics Lab

Sample Name:	CWA3F102 OHM M9E270189-1	Data Analyzed:	27 May 99 14:25
Misc. Info:	500ml 18708-1110 TEDLAR BAG	Method:	MSA0527
Data Name:	A2964.D	Shift Cali.File:	CC05261.D
Data Path:	D:\GCMSA~1\990524\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	0.00	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	0.02	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.01	ND	2.00
9)	1,1-Dichloroethene	-0.28	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	ND	10.00
13)	Methylene Chloride	-0.00	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane	-0.16	ND	2.00
16)	Vinyl Acetate	-0.41	ND ~~11.93~~ MS, RT	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	-0.35	ND	10.00
19)	Chloroform	0.13	ND	2.00
20)	1,1,1-Trichloroethane	-0.00	ND	2.00
21)	Carbon Tetrachloride	0.02	ND	2.00
23)	Benzene	-0.01	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.04	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	-0.08	ND	~~2.00~~ 5.0
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane		ND	2.00
36)	Tetrachloroethene	-0.03	ND	2.00
37)	2-Hexanone	-0.34	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	0.02	ND	2.00
43)	o-Xylene	0.04	ND	2.00
44)	Styrene	0.04	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CWA3F102 OHM M9E270189-1	Data Analyzed:	05/27/99 14:25
Misc. Info:	500ml 18708-1110 TEDLAR BAG	Method:	MSA0527
Data Name:	A2964.D	Shift Call.File:	CC05261.D
Data Path:	D:\GCMSA~1\990524\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.30	ND	10.00
49)	4-Ethyl Toluene	0.17	ND	2.00
50)	1,3,5-Trimethylbenzene	0.14	ND	2.00
51)	1,2,4-Trimethylbenzene	0.18	ND	2.00
52)	1,3-Dichlorobenzene		ND	2.00
53)	1,4-Dichlorobenzene		ND	2.00
54)	1,2-Dichlorobenzene	-0.21	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	340973	379055	OK	7.56	7.58	OK
1,4-Difluorobenzene	1503817	1606648	OK	9.27	9.26	OK
Chlorobenzene-d5	775297	843432	OK	14.75	14.59	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.90	99.8
Toluene-d8	50	43.02	86.0
4-Bromofluorobenzene	50	49.04	98.1

Comments:

Foot Notes:

1st Review: 5/28/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CWA3X102 OHM M9E270189-2	**Data Analyzed:**	27 May 99 14:53
Misc. Info:	5ml 18708-1111 TEDLAR BAG	**Method:**	MSA0527
Data Name:	A2965.D	**Shift Call.File:**	CC05261.D
Data Path:	D:\GCMSA~1\990524\	**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	-0.03	ND	200.00
7)	Chloroethane		ND	400.00
8)	Trichlorofluoromethane (11)		ND	200.00
9)	1,1-Dichloroethene	-0.03	2551.20	200.00
10)	Carbon Disulfide		ND	1000.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	558.10	200.00
12)	Acetone	-0.05	ND	1000.00
13)	Methylene Chloride		ND	200.00
14)	t-1,2-Dichloroethene	-0.20	ND	200.00
15)	1,1-Dichloroethane	-0.03	ND	200.00
16)	Vinyl Acetate	0.23	ND	1000.00
17)	c-1,2-Dichloroethene	-0.03	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	-0.08	ND	200.00
25)	1,2-Dichloroethane		ND	200.00
26)	Trichloroethene	0.01	14598.63	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	-0.05	ND	1000.00
32)	Toluene		ND	~~200.00~~ 500
34)	t-1,3-Dichloropropene		ND	200.00
35)	1,1,2-Trichloroethane	0.47	ND	200.00
36)	Tetrachloroethene	0.01	307.85	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	-0.40	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:	CWA3X102 OHM M9E270189-2	**Data Analyzed:**	05/27/99 14:53
Misc. Info:	5ml 18708-1111 TEDLAR BAG	**Method:**	MSA0527
Data Name:	A2965.D	**Shift Call.File:**	CC05261.D
Data Path:	D:\GCMSA~1\990524\	**Dilution Factor:**	100

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	200.00
48)	Benzyl Chloride	0.46	ND	1000.00
49)	4-Ethyl Toluene		ND	200.00
50)	1,3,5-Trimethylbenzene	-0.01	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

MT BZ ND ~~3.6~~ 1000 5/28

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	340973	387284	OK	7.56	7.59	OK
1,4-Difluorobenzene	1503817	1697022	OK	9.27	9.31	OK
Chlorobenzene-d5	775297	798926	OK ✓	14.75	14.78	OK ✓

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.85	97.7
Toluene-d8	50	47.47	94.9
4-Bromofluorobenzene	50	44.92	89.8

Comments:

Foot Notes:

1st Review: 5/28'99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CWA47102 OHM M9E270189-3	**Data Analyzed:**	27 May 99 15:21
Misc. Info:	500ml 18708-1112 TEDLAR BAG	**Method:**	MSA0527
Data Name:	A2966.D	**Shift Call.File:**	CC05261.D
Data Path:	D:\GCMSA~1\990524\	**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)	-0.03	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)	0.00	16.42	2.00
12) Acetone	0.01	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	-0.03	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		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	-0.05	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	-0.11	ND	10.00
32) Toluene	0.02	ND	~~2.00~~ 5.0
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	0.51	ND	2.00
36) Tetrachloroethene	0.05	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	0.31	ND	2.00
42) p,&m-Xylene	0.03	ND	2.00
43) o-Xylene	0.11	ND	2.00
44) Styrene	0.08	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CWA47102 OHM M9E270189-3	**Data Analyzed:**	05/27/99 15:21
Misc. Info:	500ml 18708-1112 TEDLAR BAG	**Method:**	MSA0527
Data Name:	A2966.D	**Shift Call.File:**	CC05261.D
Data Path:	D:\GCMSA-1\990524\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.28	ND	10.00
49) 4-Ethyl Toluene	0.17	ND	2.00
50) 1,3,5-Trimethylbenzene	0.24	ND	2.00
51) 1,2,4-Trimethylbenzene	0.22	ND	2.00
52) 1,3-Dichlorobenzene	0.41	ND	2.00
53) 1,4-Dichlorobenzene	0.28	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	340973	386063	OK	7.56	7.59	OK
1,4-Difluorobenzene	1503817	1571034	OK	9.27	9.27	OK
Chlorobenzene-d5	775297	829183	OK	14.75	14.55	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.10	100.2
Toluene-d8	50	44.33	88.7
4-Bromofluorobenzene	50	49.21	98.4

Comments:

Foot Notes:

1st Review: 5/28/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CWA4K102 OHM M9E270189-4	**Data Analyzed:**	27 May 99 15:55
Misc. Info:	500ml 18708-1113 TEDLAR BAG	**Method:**	MSA0527
Data Name:	A2967.D	**Shift Cali.File:**	CC05261.D
Data Path:	D:\GCMSA~1\990524\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.02	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	0.08	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.37	ND	2.00
9)	1,1-Dichloroethene	-0.00	5.37	2.00
10)	Carbon Disulfide	0.00	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	5.34	2.00
12)	Acetone	0.01	ND	10.00
13)	Methylene Chloride	0.00	ND	2.00
14)	t-1,2-Dichloroethene	-0.01	ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.06	ND	10.00
17)	c-1,2-Dichloroethene	0.02	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	-0.00	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	-0.10	ND	10.00
32)	Toluene	-0.08	ND	~~2.00~~ 5.0
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane		ND	2.00
36)	Tetrachloroethene	-0.10	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	-0.00	ND	2.00
43)	o-Xylene	0.07	ND	2.00
44)	Styrene	0.04	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CWA4K102 OHM M9E270189-4	**Data Analyzed:**	05/27/99 15:55
Misc. Info:	500ml 18708-1113 TEDLAR BAG	**Method:**	MSA0527
Data Name:	A2967.D	**Shift Call.File:**	CC05281.D
Data Path:	D:\GCMSA–1\990524\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.05	ND	10.00
49) 4-Ethyl Toluene	0.05	ND	2.00
50) 1,3,5-Trimethylbenzene	0.13	ND	2.00
51) 1,2,4-Trimethylbenzene	0.09	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		NP	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	340973	372509	OK	7.56	7.57	OK
1,4-Difluorobenzene	1503817	1548999	OK	9.27	9.27	OK
Chlorobenzene-d5	775297	832448	OK	14.75	14.66	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.79	99.6
Toluene-d8	50	44.38	88.8
4-Bromofluorobenzene	50	48.89	97.8

Comments:

Foot Notes:

1st Review: 5/28/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CWA3F102 OHM M9E270189-1	**Data Analyzed:**	27 May 99 14:25
Misc. Info:	500ml 18708-1110 TEDLAR BAG	**Method:**	MSA0527
Data Name:	A2964.D	**Shift Call.File:**	CC05261.D
Data Path:	D:\GCMSA~1\990524\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	0.00	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	0.02	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.01	ND	0.0112
9)	1,1-Dichloroethene	-0.28	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	ND	0.0237
13)	Methylene Chloride	-0.00	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.16	ND	0.0081
16)	Vinyl Acetate	-0.41	ND ~~0.0419~~ MS, A-7	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	-0.35	ND	0.0294
19)	Chloroform	0.13	ND	0.0097
20)	1,1,1-Trichloroethane	-0.00	ND	0.0109
21)	Carbon Tetrachloride	0.02	ND	0.0126
23)	Benzene	-0.01	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.04	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	-0.08	ND	~~0.0075~~ 0.0188
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109
36)	Tetrachloroethene	-0.03	ND	0.0135
37)	2-Hexanone	-0.34	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	0.02	ND	0.0087
43)	o-Xylene	0.04	ND	0.0087
44)	Styrene	0.04	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CWA3F102 OHM M9E270189-1	Data Analyzed:	05/27/99 14:25
Misc. Info:	500ml 18708-1110 TEDLAR BAG	Method:	MSA0527
Data Name:	A2964.D	Shift Call.File:	CC05261.D
Data Path:	D:\GCMSA~1\990524\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.30	ND	0.0518
49)	4-Ethyl Toluene	0.17	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.14	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.18	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene	-0.21	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	340973	379055	OK	7.56	7.58	OK
1,4-Difluorobenzene	1503817	1606648	OK	9.27	9.26	OK
Chlorobenzene-d5	775297	843432	OK	14.75	14.59	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.90	99.8
Toluene-d8	50	43.02	86.0
4-Bromofluorobenzene	50	49.04	98.1

Comments:

Foot Notes:

1st Review: 5/28'99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CWA3X102 OHM M9E270189-2	**Data Analyzed:**	27 May 99 14:53
Misc. Info:	5ml 18708-1111 TEDLAR BAG	**Method:**	MSA0527
Data Name:	A2965.D	**Shift Cali.File:**	CC05261.D
Data Path:	D:\GCMSA-1\990524\	**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	-0.03	ND	0.7750
7) Chloroethane		ND	1.0532
8) Trichlorofluoromethane (11)		ND	1.1214
9) 1,1-Dichloroethene	-0.03	10.0951 ✓	0.7914
10) Carbon Disulfide		ND	3.1080
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.00	4.2683 ✓	1.5296
12) Acetone	-0.05	ND	2.3710
13) Methylene Chloride		ND	0.6934
14) t-1,2-Dichloroethene	-0.20	ND	0.7914
15) 1,1-Dichloroethane	-0.03	ND	0.8078
16) Vinyl Acetate	0.23	ND	3.5140
17) c-1,2-Dichloroethene	-0.03	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	-0.08	ND	0.6376
25) 1,2-Dichloroethane		ND	0.8078
26) Trichloroethene	0.01	78.2925 ✓	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	-0.05	ND	4.0880
32) Toluene		ND	~~0.7522~~ 1.88
34) t-1,3-Dichloropropene		ND	0.9058
35) 1,1,2-Trichloroethane	0.47	ND	1.0890
36) Tetrachloroethene	0.01	2.0838 ✓	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	-0.40	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:	CWA3X102 OHM M9E270189-2	Data Analyzed:	05/27/99 14:53
Misc. Info:	5ml 18708-1111 TEDLAR BAG	Method:	MSA0527
Data Name:	A2965.D	Shift Cali.File:	CC05261.D
Data Path:	D:\GCMSA~1\990524\	Dilution Factor:	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.3702
48)	Benzyl Chloride	0.46	ND	5.1760
49)	4-Ethyl Toluene		ND	0.9812
50)	1,3,5-Trimethylbenzene	-0.01	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	340973	387284	OK	7.56	7.59	OK
1,4-Difluorobenzene	1503817	1697022	OK	9.27	9.31	OK
Chlorobenzene-d5	775297	798926	OK	14.75	14.76	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.85	97.7
Toluene-d8	50	47.47	94.9
4-Bromofluorobenzene	50	44.92	89.8

Comments:

Foot Notes:

1st Review: 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CWA47102 OHM M9E270189-3	**Data Analyzed:**	27 May 99 15:21
Misc. Info:	500ml 18708-1112 TEDLAR BAG	**Method:**	MSA0527
Data Name:	A2966.D	**Shift Call.File:**	CC05261.D
Data Path:	D:\GCMSA~1\990524\	**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)	-0.03	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)	0.00	0.1256 ✓	0.0153
12)	Acetone	0.01	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	-0.03	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		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	-0.05	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	-0.11	ND	0.0409
32)	Toluene	0.02	ND	~~0.0075~~ 0.0188
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.51	ND	0.0109
36)	Tetrachloroethene	0.06	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	0.31	ND	0.0087
42)	p,&m-Xylene	0.03	ND	0.0087
43)	o-Xylene	0.11	ND	0.0087
44)	Styrene	0.08	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CWA47102 OHM M9E270189-3	Data Analyzed:	05/27/99 15:21
Misc. Info:	500ml 18708-1112 TEDLAR BAG	Method:	MSA0527
Data Name:	A2966.D	Shift Call.File:	CC05261.D
Data Path:	D:\GCMSA~1\990524\	Dilution Factor:	1

Compound	dRT	Result(ug/L)	RL(ug/L)
47) 1,1,2,2-Tetrachloroethane		ND	0.0137
48) Benzyl Chloride	0.28	ND	0.0518
49) 4-Ethyl Toluene	0.17	ND	0.0098
50) 1,3,5-Trimethylbenzene	0.24	ND	0.0098
51) 1,2,4-Trimethylbenzene	0.22	ND	0.0098
52) 1,3-Dichlorobenzene	0.41	ND	0.0120
53) 1,4-Dichlorobenzene	0.28	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	340973	386063	OK	7.56	7.59	OK
1,4-Difluorobenzene	1503817	1571034	OK	9.27	9.27	OK
Chlorobenzene-d5	775297	829183	OK	14.75	14.55	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.10	100.2
Toluene-d8	50	44.33	88.7
4-Bromofluorobenzene	50	49.21	98.4

Comments:

Foot Notes:

1st Review: 5/28/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CWA4K102 OHM M9E270189-4	**Data Analyzed:**	27 May 99 15:55
Misc. Info:	500ml 18708-1112 TEDLAR BAG	**Method:**	MSA0527
Data Name:	A2967.D	**Shift Cali.File:**	CC05261.D
Data Path:	D:\GCMSA~1\990524\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.02	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	0.08	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.37	ND	0.0112
9)	1,1-Dichloroethene	-0.00	0.0213	0.0079
10)	Carbon Disulfide	0.00	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	0.0408	0.0153
12)	Acetone	0.01	ND	0.0237
13)	Methylene Chloride	0.00	ND	0.0069
14)	t-1,2-Dichloroethene	-0.01	ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	-0.06	ND	0.0351
17)	c-1,2-Dichloroethene	0.02	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	-0.00	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	-0.10	ND	0.0409
32)	Toluene	-0.08	ND	~~0.0075~~ 0.0188
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109
36)	Tetrachloroethene	-0.10	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	-0.00	ND	0.0087
43)	o-Xylene	0.07	ND	0.0087
44)	Styrene	0.04	ND	0.0085
45)	Bromoform		ND	0.0206

D:\GCMSA – 1\990524\A2967.D

Sample Name:	CWA4K102 OHM M9E270189-4	**Data Analyzed:**	05/27/99 15:55
Misc. Info:	500ml 18708-1113 TEDLAR BAG	**Method:**	MSA0527
Data Name:	A2967.D	**Shift Cali.File:**	CC05261.D
Data Path:	D:\GCMSA-1\990524\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.05	ND	0.0518
49)	4-Ethyl Toluene	0.05	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.13	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.09	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	340973	372509	OK	7.56	7.57	OK
1,4-Difluorobenzene	1503817	1548999	OK	9.27	9.27	OK
Chlorobenzene-d5	775297	832448	OK	14.75	14.66	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.79	99.6
Toluene-d8	50	44.38	88.8
4-Bromofluorobenzene	50	48.89	97.8

Comments:

Foot Notes:

1st Review: 5/28/99 2nd Review

24SVE13 (Long Term)	Sample Number	18708-971	18708-972	18708-973	18708-974	18708-975	18708-976	18708-984	18708-985	18708-986
	Date Sampled	4/27/99	4/27/99	4/27/99	4/27/99	4/27/99	4/27/99	4/27/99	4/27/99	4/27/99
	Sample Location	Piezometer	Ambient	Inf - 1 hour	Inf - 1 hour (DUP)	Mid 1 - 1 hour	Eff - 1 hour	Ambient	Inf - 4 hour	Mid 1 - 1 hour
Analytes	Unit									
Acetone	ppb (ug/L)	16.12 (0.0382)	ND	ND	ND	15.18 (0.0360)	ND	ND	ND	ND
Methylene Chloride	ppb (ug/L)	3.14 (0.0118)	3.98 (0.0138)	ND	ND	5.47 (0.0190)	6.42 (0.0223)	3.71 (0.0128)	ND	3.47 (0.012)
Trichloroethene	ppb (ug/L)	ND	ND	351.88 (1.887)	295.12 (1.583)	4.15 (0.0223)	ND	ND	356.1 (1.9097)	ND
Tetrachloroethene	ppb (ug/L)	36.57 (0.2475)	ND	10476.1 (70.92)	8313.67 (56.2753)	218.11 (1.476)	35.97 (0.2435)	ND	9599.07 (64.9761)	39.32 (0.2661)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	ND	ND	124.5 (0.9522)	ND	ND	ND	ND	126.38 (0.9665)	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND

24SVE13 (Long Term)	Sample Number	18708-987	18708-990	18708-991	18708-992	18708-993	18708-1006	18708-1007	18708-1008	18708-1009	18708-1010
	Date Sampled	4/27/99	4/28/99	4/28/99	4/28/99	4/28/99	4/29/99	4/29/99	4/29/99	4/29/99	4/29/99
	Sample Location	Eff - 4 hour	Ambient	Inf - 24 hour	Mid 1 - 24 hour	Eff - 24 hour	Ambient	Inf - 48 hour	Inf - 48 hour (DUP)	Mid 1 - 48 hour	Eff - 48 hour
Analytes	Unit										
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ppb (ug/L)	3.48 (0.0121)	4 (0.014)	ND	2.79 (0.01)	3.39 (0.012)	2.5 (0.0086)	ND	ND	2.46 (0.0085)	2.41 (0.0084)
Trichloroethene	ppb (ug/L)	ND	2.6 (0.014)	490 (2.6)	ND	ND	ND	500 (2.7)	450 (2.4)	ND	ND
Tetrachloroethene	ppb (ug/L)	14.99 (0.1015)	110 (0.75)	10000 (69)	61.58 (0.4168)	55.85 (0.3781)	ND	14000 (95)	13000 (86)	81.18 (0.5495)	30.52 (0.2066)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	ND	ND	190 (1.5)	ND	ND	ND	230 (1.8)	200 (1.5)	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

24SVE13 (Long Term)	Sample Number	18708-1027	18708-1028	18708-1029	18708-1030	18708-1049	18708-1050	18708-1051	18708-1052	18708-1058
	Date Sampled	4/30/99	4/30/99	4/30/99	4/30/99	5/4/99	5/4/99	5/4/99	5/4/99	5/11/99
	Sample Location	Ambient	Inf - 72 hour	Mid 1 - 72 hour	Eff - 72 hour	Ambient	Inf - 7 day	Mid 1 - 7 day	Eff - 7 day	Ambient
Analytes	Unit									
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	2.06 (0.011)	452.35 (2.43)	3.35 (0.018)	ND	ND	310.31 (1.6642)	3.87 (0.0208)	ND	ND
Tetrachloroethene	ppb (ug/L)	ND	12744.4 (86.3)	155.9 (1.055)	60.34 (0.4085)	ND	8665.18 (58.66)	165.64 (1.1212)	49.2 (0.333)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	ND	181 (1.384)	ND	ND	ND	132.46 (1.013)	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND

24SVE13 (Long Term)	Sample Number	18708-1059	18708-1060	18708-1061	18708-1062	18708-1077	18708-1078	18708-1079	18708-1080	18708-1105
	Date Sampled	5/11/99	5/11/99	5/11/99	5/11/99	5/18/99	5/18/99	5/18/99	5/18/99	5/25/99
	Sample Location	Inf - 14 day	Inf - 14 day (DUP)	Mid 1 - 14 day	Eff - 14 day	Ambient	Inf - 21 day	Mid 1- 21 day	Eff - 21 day	Ambient
Analytes	Unit									
Acetone	ppb (ug/L)	ND	ND	10.99 (0.026)	ND	ND	ND	ND	ND	ND
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	560 (3.0)	400 (2.2)	5.31 (0.0285)	ND	ND	505.88 (2.7130)	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	10000 (69)	7900 (53)	166.05 (1.124)	92.66 (0.6272)	ND	11138.95 (75.3996)	65.79 (0.4454)	32.72 (0.2215)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	300 (2.3)	190 (1.5)	ND	ND	ND	299.76 (2.2926)	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND

24SVE13 (Long Term)	Sample Number	18708-1106	18708-1107	18708-1108	18708-1109	18708-1114	18708-1115	18708-1116	18708-1117
	Date Sampled	5/25/99	5/25/99	5/25/99	5/25/99	6/1/99	6/1/99	6/1/99	6/1/99
	Sample Location	Inf - 28 days	Inf - 28 days (DUP)	Mid 1 - 28 days	Eff - 28 days	Ambient	Inf - 35 days	Mid 1- 35 days	Eff - 35 days
Analytes	Unit								
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	40.45 (0.0959)	ND
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	431.03 (2.3116)	558.14 (2.9933)	ND	ND	ND	505.5 (2.711)	ND	ND
Tetrachloroethene	ppb (ug/L)	8776.57 (59.4086)	10743.19 (72.7207)	62.39 (0.4223)	45.01 (0.3047)	ND	9265.42 (62.7176)	14.6 (0.0988)	7.12 (0.0482)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	274.09 (2.0983)	342.11 (2.6164)	ND	ND	ND	349.31 (2.6715)	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	144.3 (0.7857)	173.15 (0.9428)	ND	ND	ND	ND	ND	ND

18708-06003301

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
222480
FORM 0019 REV. 2-97

24SVE13 1HR

OHM's LAB COORDINATOR	LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	LABORATORY SERVICE ID	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)
L. BIENKOWSKI	949-261-6441	949-475-5433	MAD270202	NOEL CRUZ	IT GROUP

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
EL TORO	MCAS EL TORO	18708	714-258-8610	714-258-0721	DWAYNE ISHIDA

PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS	ADDRESS
L. BIENKOWSKI	—	—	1721 S. GRAND	3347 MICHELSON STR 210

PROJECT ADDRESS	CITY, STATE AND ZIPCODE	CLIENT	CITY, STATE AND ZIPCODE	CITY, STATE AND ZIPCODE
MCAS EL TORO	IRVINE CA	SWDN	SANTA ANA CA 92704	IRVINE CA 92614

PROJECT MANAGER	PROJECT MANAGER'S PHONE	PROJECT MANAGER'S FAX
B. SEDLAK	949-261-6441	—

Item	Sample Identifier	Matrix	Date 1999	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14 CONTINGENT-HOLD								Comments
																	QUANTERRA ANALYZE BAG FIRST
1	18708-971	VAPOR	4-27	0915	–	2	III	5DA ~~24HR~~	X								
2	18708-972	VAPOR	4-27	0920	–	2	III	5DA	X								
3	18708-973	VAPOR	4-27	0925	–	3	III	5DA	X								
4	18708-974	VAPOR	4-27	0930	–	2	VI	5DA ~~24HR~~	X								
5	18708-975	VAPOR	4-27	0935	–	2	III	24HR	X								
6	18708-976	VAPOR	4-27	0940	–	2	III	24HR	X	X							ANALYZE ONLY IF 18708-975 IS DETECTED
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
Cory Parrish	[illegible]	4-27-99	16:00	

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. PIEZOMETER - 1HR				
24SVE13 AT WELLHEAD				
2. AMBIENT - 24SVE13 1HR				
3. INFLUENT - 24SVE13 1HR				
4. INFLUENT - 24SVE13 1HR DUP				
5. MIDPOINT - 24SVE13 1HR				
6. EFFLUENT - 24SVE13 1HR				

Comments

Sample T[illegible]ple.

245VE13 | 1hr startup
4/27/00 - Tuesday

D:\GCMSA - 1\990426\A2615.D

Quanterra Air Toxics Lab

Sample Name:	CV5EA002 OHM M9D270202-1	Data Analyzed:	28 Apr 1999 19:46
Misc. Info:	500ml 18706-971 TEDLAR	Method:	MSA0428
Data Name:	A2615.D	Shift Call.File:	CC04281.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.02	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	0.03	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.00	ND	2.00
9)	1,1-Dichloroethene	-0.29	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	-0.00	16.12	10.00
13)	Methylene Chloride	-0.01	3.41	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	0.33	ND	2.00
18)	2-Butanone	-0.02	ND	10.00
19)	Chloroform	-0.07	ND	2.00
20)	1,1,1-Trichloroethane	-0.07	ND	2.00
21)	Carbon Tetrachloride	-0.04	ND	2.00
23)	Benzene	-0.00	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.04	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	0.14	ND	2.00
29)	c-1,3-Dichloropropene	0.30	ND	2.00
30)	4-Methyl-2-Pentanone	-0.10	ND	10.00
32)	Toluene	-0.11	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.06	ND	2.00
36)	Tetrachloroethene	-0.05	36.57	2.00
37)	2-Hexanone	0.27	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	0.04	ND	2.00
44)	Styrene	0.03	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CV5EA002 OHM M9D270202-1	Data Analyzed:	04/28/19 -1:9:
Misc. Info:	500ml 18708-971 TEDLAR	Method:	MSA0428
Data Name:	A2615.D	Shift Call.File:	CC04281.D
Data Path:	D:\GCMSA–1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.14	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	0.11	ND	2.00
51)	1,2,4-Trimethylbenzene	0.14	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	-0.39	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	323548	346980	OK	7.57	7.59	OK
1,4-Difluorobenzene	1574367	1570634	OK	9.28	9.27	OK
Chlorobenzene-d5	816551	853819	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.76	103.5
Toluene-d8	50	45.12	90.2
4-Bromofluorobenzene	50	49.06	98.1

Comments:

Foot Notes:

1st Review: PNS 4/29/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV5EC~~0~~ OHM M9D270202-002	**Data Analyzed:**	28 Apr 1999 20:42
Misc. Info:	500ml 18708-872 TEDLAR	**Method:**	MSA0428
Data Name:	A2617.D	**Shift Call.File:**	CC04281.D
Data Path:	D:\GCMSA~1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.00	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	-0.04	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	0.02	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	ND	2.00
12)	Acetone	-0.00	ND	10.00
13)	Methylene Chloride	-0.01	3.98	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane	-0.15	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	-0.04	ND	2.00
20)	1,1,1-Trichloroethane	0.03	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		ND	2.00
29)	c-1,3-Dichloropropene	0.44	ND	2.00
30)	4-Methyl-2-Pentanone	-0.11	ND	10.00
32)	Toluene	-0.06	~~2.15~~ ND < RL	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	-0.23	ND	2.00
36)	Tetrachloroethene	-0.05	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	0.02	ND	2.00
44)	Styrene	0.04	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CV5EC001 OHM M9D270202-002	**Data Analyzed:**	04/28/19 -1:0:
Misc. Info:	500ml 18708-972 TEDLAR	**Method:**	MSA0428
Data Name:	A2617.D	**Shift Call.File:**	CC04281.D
Data Path:	D:\GCMSA–1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.26	ND	2.00
48)	Benzyl Chloride	0.07	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	0.06	ND	2.00
52)	1,3-Dichlorobenzene		ND	2.00
53)	1,4-Dichlorobenzene		ND	2.00
54)	1,2-Dichlorobenzene	-0.29	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	323548	334583	OK	7.57	7.57	OK
1,4-Difluorobenzene	1574367	1560305	OK	9.28	9.27	OK
Chlorobenzene-d5	816551	847189	OK	14.73	14.66	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.34	106.7
Toluene-d8	50	44.84	89.7
4-Bromofluorobenzene	50	50.36	100.7

Comments:

Foot Notes:

1st Review: PN 4/29/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV5ED102 OHM M9D270202-3	**Data Analyzed:**	30 Apr 1999 13:46
Misc. Info:	10ml 18708-973 TEDLAR	**Method:**	MSA0430
Data Name:	A2635.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSA~1\990426\	**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	0.05	ND	100.00
10)	Carbon Disulfide		ND	500.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	124.50	100.00
12)	Acetone	-0.07	ND	500.00
13)	Methylene Chloride	-0.00	ND	100.00
14)	t-1,2-Dichloroethene		ND	100.00
15)	1,1-Dichloroethane		ND	100.00
16)	Vinyl Acetate		ND	500.00
17)	c-1,2-Dichloroethene		ND	100.00
18)	2-Butanone		ND	500.00
19)	Chloroform	-0.05	ND	100.00
20)	1,1,1-Trichloroethane		ND	100.00
21)	Carbon Tetrachloride	-0.06	ND	100.00
23)	Benzene		ND	100.00
25)	1,2-Dichloroethane		ND	100.00
26)	Trichloroethene	0.01	351.88	[illegible]
27)	1,2-Dichloropropane		ND	100.00
28)	Bromodichloromethane		ND	100.00
29)	c-1,3-Dichloropropene	0.38	ND	[illegible]
30)	4-Methyl-2-Pentanone	-0.04	ND	[illegible]
32)	Toluene	-0.02	ND	~~[illegible]~~ 250
34)	t-1,3-Dichloropropene		ND	[illegible]
35)	1,1,2-Trichloroethane	0.13	ND	[illegible]
36)	Tetrachloroethene	0.01	10476.10	[illegible]
37)	2-Hexanone		ND	[illegible]
38)	Dibromochloromethane		ND	[illegible]
39)	1,2-Dibromoethane		ND	[illegible]
40)	Chlorobenzene		ND	[illegible]
41)	Ethylbenzene	-0.39	ND	[illegible]
42)	p,&m-Xylene	0.10	ND	[illegible]
43)	o-Xylene		ND	[illegible]
44)	Styrene		ND	[illegible]
45)	Bromoform		ND	[illegible]

Sample Name:	CV5ED102 OHM M9D270202-3	**Data Analyzed:**	04/30/19 -1:3:
Misc. Info:	10ml 18708-973 TEDLAR	**Method:**	MSA0430
Data Name:	A2635.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSA~1\990426\	**Dilution Factor:**	50

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	100.00
48)	Benzyl Chloride	0.12	ND	500.00
49)	4-Ethyl Toluene	0.30	ND	100.00
50)	1,3,5-Trimethylbenzene	-0.46	ND	100.00
51)	1,2,4-Trimethylbenzene	0.22	ND	100.00
52)	1,3-Dichlorobenzene		ND	100.00
53)	1,4-Dichlorobenzene		ND	100.00
54)	1,2-Dichlorobenzene		ND	100.00
55)	1,2,4-Trichlorobenzene		ND	100.00
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	316414	312449	OK	7.54	[illegible]	OK
1,4-Difluorobenzene	1467340	1531836	OK	9.25	[illegible]	OK
Chlorobenzene-d5	749756	739314	OK	14.72	[illegible]	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.05	98.1
Toluene-d8	50	48.78	97.6
4-Bromofluorobenzene	50	42.30	84.6

Comments:

Foot Notes:

1st Review: PM 9/3/94

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV5EE102 OHM M9D270202-4	**Data Analyzed:**	30 Apr 1999 14:15
Misc. Info:	10ml 18708-674 TEDLAR	**Method:**	MSA0430
Data Name:	A2636.D	**Shift Cali.File:**	CC04301.D
Data Path:	D:\GCMSA~1\990426\	**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	-0.03	ND	100.00
10)	Carbon Disulfide		ND	500.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	ND	100.00
12)	Acetone	-0.02	ND	500.00
13)	Methylene Chloride	-0.02	ND	100.00
14)	t-1,2-Dichloroethene		ND	100.00
15)	1,1-Dichloroethane		ND	100.00
16)	Vinyl Acetate	-0.02	ND	500.00
17)	c-1,2-Dichloroethene		ND	100.00
18)	2-Butanone		ND	500.00
19)	Chloroform	-0.01	ND	100.00
20)	1,1,1-Trichloroethane		ND	100.00
21)	Carbon Tetrachloride	-0.06	ND	100.00
23)	Benzene		ND	100.00
25)	1,2-Dichloroethane		ND	100.00
26)	Trichloroethene	0.03	295.12	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	0.00	ND	500.00
32)	Toluene	-0.02	ND	~~100.00~~ 250
34)	t-1,3-Dichloropropene		ND	100.00
35)	1,1,2-Trichloroethane	0.13	ND	100.00
36)	Tetrachloroethene	0.01	8313.67	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	-0.38	ND	100.00
42)	p,&m-Xylene		ND	100.00
43)	o-Xylene		ND	100.00
44)	Styrene		ND	100.00
45)	Bromoform		ND	100.00

Sample Name:	CV5EE102 OHM M9D270202-4	Data Analyzed:	04/30/19 -1:4:
Misc. Info:	10ml 18708-974 TEDLAR	Method:	MSA0430
Data Name:	A2636.D	Shift Cali.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	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		ND	100.00
50) 1,3,5-Trimethylbenzene	-0.21	ND	100.00
51) 1,2,4-Trimethylbenzene	-0.34	ND	100.00
52) 1,3-Dichlorobenzene		ND	100.00
53) 1,4-Dichlorobenzene		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	316414	318228	OK	7.54	7.57	OK
1,4-Difluorobenzene	1487340	1542766	OK	9.25	9.28	OK
Chlorobenzene-d5	749756	775462	OK	14.72	14.74	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.96	99.9
Toluene-d8	50	49.72	99.4
4-Bromofluorobenzene	50	44.16	88.3

Comments:

Foot Notes:

1st Review: PKE 5/3/99

2nd Review:

TENTATIVELY IDENTIFIED COMPOUNDS

SANTA ANA - AIR TOXICS

CLIENT ID: 18708- 974

SAMPLE NO: M 90270202-4

ANALYSIS DATE: 4/30/99

DILUTION FACTOR: 50

DATA FILE: A2636

RETEN. TIME	CAS NO.	COMPOUND	CONC. (ppbv)
NO TICS FOUND > 10% INTERNAL STD. AREA			

COMMENTS:

REDUCED BY: PN 5/3/99

REVIEWED BY:

TIC.XLS

Quanterra Air Toxics Lab

Sample Name:	CV5EF102 OHM M9D270202-5	**Data Analyzed:**	28 Apr 1999 15:13
Misc. Info:	500ml 18708-975 TEDLAR	**Method:**	MSA0428
Data Name:	A2605.D	**Shift Call.File:**	CC04281.D
Data Path:	D:\GCMSA~1\990426\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.14	ND	2.00
3) Chloromethane	0.04	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	0.17	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	-0.00	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.03	ND	2.00
12) Acetone	-0.00	15.18	10.00
13) Methylene Chloride	0.01	5.47	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane	-0.30	ND	2.00
16) Vinyl Acetate	-0.03	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	0.10	ND	10.00
19) Chloroform	0.18	ND	2.00
20) 1,1,1-Trichloroethane	0.04	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	0.00	4.15	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	-0.08	ND	~~2.00~~ 5.00
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	0.07	~~2.27~~ ND Res RT	2.00
36) Tetrachloroethene	-0.05	218.11	2.00
37) 2-Hexanone	-0.41	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	-0.02	ND	2.00
44) Styrene	0.00	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CV5EF102 OHM M9D270202-5	Date Analyzed:	04/28/19 -1:5:
Misc. Info:	500ml 18708-975 TEDLAR	Method:	MSA0428
Data Name:	A2605.D	Shift Call.File:	CC04281.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.02	ND	10.00
49)	4-Ethyl Toluene	0.06	ND	2.00
50)	1,3,5-Trimethylbenzene	0.12	ND	2.00
51)	1,2,4-Trimethylbenzene	0.16	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	323548	363840	OK	7.57	7.56	OK
1,4-Difluorobenzene	1574367	1612785	OK	9.28	9.26	OK
Chlorobenzene-d5	816551	877073	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.40	106.8
Toluene-d8	50	45.43	90.9
4-Bromofluorobenzene	50	49.67	99.3

Comments:

Foot Notes:

1st Review: PN 4/28/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV5EG102 OHM M9D270202-8	**Data Analyzed:**	28 Apr 1999 15:41
Misc. Info:	500ml 18708-976 TEDLAR	**Method:**	MSA0428
Data Name:	A2606.D	**Shift Cali.File:**	CC04281.D
Data Path:	D:\GCMSA~1\990426\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.01	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	0.00	ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	-0.03	ND	2.00
9) 1,1-Dichloroethene	-0.31	ND	2.00
10) Carbon Disulfide	-0.01	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	-0.02	6.42	2.00
14) t-1,2-Dichloroethene	-0.33	ND	2.00
15) 1,1-Dichloroethane	-0.03	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	0.18	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	-0.16	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	-0.11	ND	10.00
32) Toluene	-0.11	~~2.08~~ ND < RL	~~2.00~~ 5.00
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	0.10	ND	2.00
36) Tetrachloroethene	-0.04	35.97	2.00
37) 2-Hexanone	-0.38	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	-0.05	ND	2.00
43) o-Xylene	-0.01	ND	2.00
44) Styrene	0.02	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CV5EG102 OHM M9D270202-6	Data Analyzed:	04/28/19 -1:5:
Misc. Info:	500ml 18708-976 TEDLAR	Method:	MSA0428
Data Name:	A2606.D	Shift Call.File:	CC04281.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.08	ND	10.00
49) 4-Ethyl Toluene	0.12	ND	2.00
50) 1,3,5-Trimethylbenzene	0.18	ND	2.00
51) 1,2,4-Trimethylbenzene	0.13	ND	2.00
52) 1,3-Dichlorobenzene	0.28	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	323648	342501	OK	7.57	7.58	OK
1,4-Difluorobenzene	1574367	1606521	OK	9.28	9.28	OK
Chlorobenzene-d5	816551	874718	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.46	104.9
Toluene-d8	50	45.15	90.3
4-Bromofluorobenzene	50	48.85	97.7

Comments:

Foot Notes:

1st Review: PW 4/28/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV5EA02 OHM M9D270202-1	**Data Analyzed:**	28 Apr 1999 19:46
Misc. Info:	500ml 18708-871 TEDLAR	**Method:**	MSA0428
Data Name:	A2615.D	**Shift Cal.File:**	CC04281.D
Data Path:	D:\GCMSA–1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.02	ND	0.0099
3)	Chloromethane	-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)	Bromomethane	0.03	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.00	ND	0.0112
9)	1,1-Dichloroethene	-0.29	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	-0.00	0.0382	0.0237
13)	Methylene Chloride	-0.01	0.0118	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	0.33	ND	0.0079
18)	2-Butanone	-0.02	ND	0.0294
19)	Chloroform	-0.07	ND	0.0097
20)	1,1,1-Trichloroethane	-0.07	ND	0.0109
21)	Carbon Tetrachloride	-0.04	ND	0.0126
23)	Benzene	-0.00	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.04	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	0.14	ND	0.0134
29)	c-1,3-Dichloropropene	0.30	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	0.06	ND	0.0109
36)	Tetrachloroethene	-0.06	0.2475	0.0135
37)	2-Hexanone	0.27	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	0.04	ND	0.0087
44)	Styrene	0.03	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CV5EA002 OHM M9D270202-1	Data Analyzed:	04/28/19 -1:9:
Misc. Info:	500ml 18708-971 TEDLAR	Method:	MSA0428
Data Name:	A2615.D	Shift Call.File:	CC04281.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

Compound	dRT	Result(ug/L)	RL(ug/L)
47) 1,1,2,2-Tetrachloroethane	-0.14	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	0.11	ND	0.0098
51) 1,2,4-Trimethylbenzene	0.14	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	-0.39	ND	0.1481
56) Hexachlorobutadiene		ND	0.0428
MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	323548	348960	OK	7.57	7.59	OK
1,4-Difluorobenzene	1574367	1570834	OK	9.28	9.27	OK
Chlorobenzene-d5	816551	853819	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.76	103.5
Toluene-d8	50	45.12	90.2
4-Bromofluorobenzene	50	49.06	98.1

Comments:

Foot Notes:

1st Review: PN 4/29/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV5EC001 OHM M9D270202-002	**Data Analyzed:**	28 Apr 1999 20:42
Misc. Info:	500ml 18709-972 TEDLAR	**Method:**	MSA0428
Data Name:	a2617.d	**Shift Cali.File:**	CC04281.D
Data Path:	d:\gcmsa~1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.00	ND	0.0099
3)	Chloromethane	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)	Bromomethane	-0.04	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	0.02	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	ND	0.0153
12)	Acetone	-0.00	ND	0.0237
13)	Methylene Chloride	-0.01	0.0138	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.15	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	-0.04	ND	0.0097
20)	1,1,1-Trichloroethane	0.03	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		ND	0.0134
29)	c-1,3-Dichloropropene	0.44	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.11	ND	0.0409
32)	Toluene	-0.06	~~0.0981~~ ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	-0.23	ND	0.0109
36)	Tetrachloroethene	-0.05	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	0.02	ND	0.0087
44)	Styrene	0.04	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CV5EC001 OHM M9D270202-002	Data Analyzed:	04/28/19 -1:0:
Misc. Info:	500ml 18708-972 TEDLAR	Method:	MSA0428
Data Name:	a2617.d	Shift Call.File:	CC04281.D
Data Path:	d:\gcmsa~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.26	ND	0.0137
48)	Benzyl Chloride	0.07	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	0.06	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene	-0.29	ND	0.0120
55)	1,2,4-Trichlorobenzene		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		NO	0.076

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	323548	334583	OK	7.57	7.57	OK
1,4-Difluorobenzene	1574367	1560305	OK	9.28	9.27	OK
Chlorobenzene-d5	816651	847189	OK	14.73	14.66	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.34	106.7
Toluene-d8	50	44.84	89.7
4-Bromofluorobenzene	50	50.36	100.7

Comments:

Foot Notes:

1st Review: PN 4/29/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV5ED102 OHM M9D270202-3	**Data Analyzed:**	30 Apr 1999 13:46
Misc. Info:	10ml 18706-973 TEDLAR	**Method:**	MSA0430
Data Name:	A2635.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSA~1\990426\	**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	0.05	ND	0.3957
10) Carbon Disulfide		ND	1.5540
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	0.9522	0.7648
12) Acetone	-0.07	ND	1.1855
13) Methylene Chloride	-0.00	ND	0.3467
14) t-1,2-Dichloroethene		ND	0.3957
15) 1,1-Dichloroethane		ND	0.4039
16) Vinyl Acetate		ND	1.7570
17) c-1,2-Dichloroethene		ND	0.3957
18) 2-Butanone		ND	1.4715
19) Chloroform	-0.05	ND	0.4873
20) 1,1,1-Trichloroethane		ND	0.5445
21) Carbon Tetrachloride	-0.06	ND	0.6278
23) Benzene		ND	0.3188
25) 1,2-Dichloroethane		ND	0.4039
26) Trichloroethene	0.01	1.8871	0.5363
27) 1,2-Dichloropropane		ND	0.4612
28) Bromodichloromethane		ND	0.6687
29) c-1,3-Dichloropropene	0.38	ND	0.4529
30) 4-Methyl-2-Pentanone	-0.04	ND	2.0440
32) Toluene	-0.02	ND	~~0.3761~~ 0.94
34) t-1,3-Dichloropropene		ND	0.4529
35) 1,1,2-Trichloroethane	0.13	ND	0.5445
36) Tetrachloroethene	0.01	70.9128	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	-0.39	ND	0.4333
42) p,&m-Xylene	0.10	ND	0.4333
43) o-Xylene		ND	0.4333
44) Styrene		ND	0.4251
45) Bromoform		ND	1.0316

Sample Name:	CV5ED102 OHM M9D270202-3	**Data Analyzed:**	04/30/19 -1:3:
Misc. Info:	10ml 18708-973 TEDLAR	**Method:**	MSA0430
Data Name:	A2635.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSA~1\990426\	**Dilution Factor:**	50

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.6851
48)	Benzyl Chloride	0.12	ND	2.5880
49)	4-Ethyl Toluene	0.30	ND	0.4906
50)	1,3,5-Trimethylbenzene	-0.46	ND	0.4906
51)	1,2,4-Trimethylbenzene	0.22	ND	0.4906
52)	1,3-Dichlorobenzene		ND	0.6000
53)	1,4-Dichlorobenzene		ND	0.6000
54)	1,2-Dichlorobenzene		ND	0.6000
55)	1,2,4-Trichlorobenzene		ND	7.4060
56)	Hexachlorobutadiene		ND	2.1286
	Mtbe		Na	1-8

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	316414	312449	OK	7.54	7.59	OK
1,4-Difluorobenzene	1467340	1531836	OK	9.25	9.30	OK
Chlorobenzene-d5	749756	739314	OK	14.72	14.74	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.05	98.1
Toluene-d8	50	48.78	97.6
4-Bromofluorobenzene	50	42.30	84.6

Comments:

Foot Notes:

1st Review: PLP 5/3/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV5EE102 OHM M9D270202-4	**Data Analyzed:**	30 Apr 1999 14:15
Misc. Info:	10ml 18706-974 TEDLAR	**Method:**	MSA0430
Data Name:	A2636.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSA-1\990426\	**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	0.5268
8)	Trichlorofluoromethane (11)		ND	0.5607
9)	1,1-Dichloroethene	-0.03	ND	0.3957
10)	Carbon Disulfide		ND	1.5540
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	ND	0.7648
12)	Acetone	-0.02	ND	1.1855
13)	Methylene Chloride	-0.02	ND	0.3467
14)	t-1,2-Dichloroethene		ND	0.3957
15)	1,1-Dichloroethane		ND	0.4039
16)	Vinyl Acetate	-0.02	ND	1.7570
17)	c-1,2-Dichloroethene		ND	0.3957
18)	2-Butanone		ND	1.4715
19)	Chloroform	-0.01	ND	0.4873
20)	1,1,1-Trichloroethane		ND	0.5445
21)	Carbon Tetrachloride	-0.06	ND	0.6278
23)	Benzene		ND	0.3188
25)	1,2-Dichloroethane		ND	0.4039
26)	Trichloroethene	0.03	1.5827	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	0.00	ND	2.0440
32)	Toluene	-0.02	ND	~~0.3761~~ 0.94
34)	t-1,3-Dichloropropene		ND	0.4529
35)	1,1,2-Trichloroethane	0.13	ND	0.5445
36)	Tetrachloroethene	0.01	56.2753	0.6789
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	-0.38	ND	0.4333
42)	p,&m-Xylene		ND	0.4333
43)	o-Xylene		ND	0.4333
44)	Styrene		ND	0.4251
45)	Bromoform		ND	1.0316

Sample Name:	CV5EE102 OHM M9D270202-4	Data Analyzed:	04/30/19 -1:4:
Misc. Info:	10ml 18708-974 TEDLAR	Method:	MSA0430
Data Name:	A2636.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	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		ND	0.4906
50)	1,3,5-Trimethylbenzene	-0.21	ND	0.4906
51)	1,2,4-Trimethylbenzene	-0.34	ND	0.4906
52)	1,3-Dichlorobenzene		ND	0.6000
53)	1,4-Dichlorobenzene		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	316414	316226	OK	7.54	7.57	OK
1,4-Difluorobenzene	1467340	1542766	OK	9.26	9.28	OK
Chlorobenzene-d5	749756	776462	OK	14.72	14.74	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.96	99.9
Toluene-d8	50	49.72	99.4
4-Bromofluorobenzene	50	44.16	88.3

Comments:

Foot Notes:

1st Review: PH 5/3/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV5EF102 OHM M9D270202-5	**Data Analyzed:**	28 Apr 1999 15:13
Misc. Info:	500ml 18708-975 TEDLAR	**Method:**	MSA0428
Data Name:	a2605.d	**Shift Cal.File:**	CC04281.D
Data Path:	d:\gcmsa~1\990428\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.14	ND	0.0089
3)	Chloromethane	0.04	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	0.17	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.02	ND	0.0112
9)	1,1-Dichloroethane		ND	0.0079
10)	Carbon Disulfide	-0.00	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.03	ND	0.0153
12)	Acetone	-0.00	0.0360	0.0237
13)	Methylene Chloride	0.01	0.0190	0.0089
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.30	ND	0.0081
16)	Vinyl Acetate	-0.03	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.10	ND	0.0294
19)	Chloroform	0.18	ND	0.0097
20)	1,1,1-Trichloroethane	0.04	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	0.00	0.0223	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	-0.08	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.07	~~0.0129~~ ND	0.0109
36)	Tetrachloroethene	-0.05	1.4764	0.0135
37)	2-Hexanone	-0.41	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	-0.02	ND	0.0087
44)	Styrene	0.00	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CV5EF102 OHM M9D270202-5	Data Analyzed:	04/28/19 -1:5:
Misc. Info:	500ml 18708-975 TEDLAR	Method:	MSA0428
Data Name:	a2605.d	Shift Call.File:	CC04281.D
Data Path:	d:\gcmsa~1\990426\	Dilution Factor:	1

Compound	dRT	Result(ug/L)	RL(ug/L)
47) 1,1,2,2-Tetrachloroethane		ND	0.0137
48) Benzyl Chloride	0.02	ND	0.0518
49) 4-Ethyl Toluene	0.06	ND	0.0098
50) 1,3,5-Trimethylbenzene	0.12	ND	0.0098
51) 1,2,4-Trimethylbenzene	0.16	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	323548	353840	OK	7.57	7.56	OK
1,4-Difluorobenzene	1574367	1612785	OK	9.28	9.26	OK
Chlorobenzene-d5	816551	877073	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.40	106.8
Toluene-d8	50	45.43	90.9
4-Bromofluorobenzene	50	49.67	99.3

Comments:

Foot Notes:

1st Review: PK 4/28/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV5EG102 OHM M9D270202-6	**Data Analyzed:**	28 Apr 1999 15:41
Misc. Info:	500ml 18706-976 TEDLAR	**Method:**	MSA0428
Data Name:	a2606.d	**Shift Call.File:**	CC04281.D
Data Path:	d:\gcmsa~1\990426\	**Dilution Factor:**	1

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (12)	-0.01	ND	0.0099
3) Chloromethane	-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) Bromomethane	0.00	ND	0.0078
7) Chloroethane		ND	0.0105
8) Trichlorofluoromethane (11)	-0.03	ND	0.0112
9) 1,1-Dichloroethene	-0.31	ND	0.0079
10) Carbon Disulfide	-0.01	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	-0.02	0.0223	0.0069
14) t-1,2-Dichloroethene	-0.33	ND	0.0079
15) 1,1-Dichloroethane	-0.03	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	0.18	ND	0.0097
20) 1,1,1-Trichloroethane		ND	0.0109
21) Carbon Tetrachloride		ND	0.0126
23) Benzene	-0.02	ND	0.0084
25) 1,2-Dichloroethane	-0.16	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	-0.11	ND	0.0409
32) Toluene	-0.11	~~0.0075~~ ND < RL	~~0.0075~~ 0.019
34) t-1,3-Dichloropropene		ND	0.0091
35) 1,1,2-Trichloroethane	0.10	ND	0.0109
36) Tetrachloroethene	-0.04	0.2435	0.0135
37) 2-Hexanone	-0.38	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	-0.05	ND	0.0087
43) o-Xylene	-0.01	ND	0.0087
44) Styrene	0.02	ND	0.0085
45) Bromoform		ND	0.0206

Sample Name:	CV5EG102 OHM M9D270202-6	Data Analyzed:	04/28/19 -1:5:
Misc. Info:	500ml 18708-976 TEDLAR	Method:	MSA0428
Data Name:	a2606.d	Shift Call.File:	CC04281.D
Data Path:	d:\gcmsa~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.08	ND	0.0518
49)	4-Ethyl Toluene	0.12	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.18	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.13	ND	0.0098
52)	1,3-Dichlorobenzene	0.28	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	0.026

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	323548	342501	OK	7.57	7.58	OK
1,4-Difluorobenzene	1574367	1606521	OK	9.28	9.28	OK
Chlorobenzene-d5	816551	874718	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.46	104.9
Toluene-d8	50	45.15	90.3
4-Bromofluorobenzene	50	48.85	97.7

Comments:

Foot Notes:

1st Review: PN 4/28/99 2nd Review

18708-0606 3301

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
222483

24SVE13 4HR

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)
L. BIENKOWSKI	949-261-6441	949-475-5433	M9D270202	NOEL CRUZ	ITGROUP

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
EL TORO - ·	MCAS EL TORO - 24SVE13	18708	714-258-8610	714-538-0921	DWAYNE ISHIDA

PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS	ADDRESS
L. BIENKOWSKI	—	—	1721 S. GRAND	3347 MICHELSON

PROJECT ADDRESS	CITY, STATE AND ZIPCODE	CLIENT	CITY, STATE AND ZIPCODE	CITY, STATE, AND ZIPCODE
MCAS EL TORO	IRVINE CA	SWDIV	SANTA ANA CA. 92704	IRVINE CA 92614

PROJECT MANAGER	PROJECT MANAGER'S PHONE	PROJECT MANAGER'S FAX
BILL SEDLAK	949-261-6441	—

Item	Sample Identifier	Matrix	Date 1999	Time	Preserved	# of Cont.	QC Level	T.A.T	Analyses TO-14	CONTINGENT-HAP							Comments
																	QUANTERRA
1	18708-984	VAPOR	4-27	1315	—	2	III	5DA	X								ANALYZE AIR FIRST
2	18708-985	VAPOR	4-27	1320	—	3	III	5DA	X								
3	18708-986	VAPOR	4-27	1325	—	2	III	24HR	X	X (6)							
4	18708-987	VAPOR	4-27	1330	—	2	III	24HR	X (6) X	X (6)							ANALYZE ONLY IF 18708-986 IS DETECTED
5																	
6																	
7																	
8																	
9																	
10																	

SAMPLES COLLECTED BY	COURIER AND AIR BILL NUMBER	COOLER TEMPERATURE UPON RECEIPT
G. HARRISH	COURIER	

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Craig Faverish	[illegible]	4-27-99	11:00	

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

24SVE13 4HR

Sample Point Location	Sample Type G	C	F	QC
1. AMBIENT-24SVE13 4HR	X			X
2. INFLUENT-24SVE13 4HR	X			
3. MIDPOINT-24SVE13 4HR	X			
4. EFFLUENT-24SVE13 4HR	X			

Comments

Div. Effluent

S Field Sample,

Quanterra Air Toxics Lab

Sample Name:	CV5EP102 OHM M9D270202-12	Data Analyzed:	30 Apr 1999 14:43
Misc. Info:	500ml 18708-984 TEDLAR	Method:	MSA0430
Data Name:	A2637.D	Shift Cali.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.02	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)	0.01	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	ND	10.00
13)	Methylene Chloride	0.00	3.71	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	0.35	ND	2.00
18)	2-Butanone	-0.24	ND	10.00
19)	Chloroform		ND	2.00
20)	1,1,1-Trichloroethane	0.01	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	-0.00	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	-0.42	ND	2.00
29)	c-1,3-Dichloropropene		ND	2.00
30)	4-Methyl-2-Pentanone	-0.12	ND	10.00
32)	Toluene	-0.10	~~2.67~~ ND 2 RL	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.40	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		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	0.07	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CV5EP102 OHM M9D270202-12	Data Analyzed:	04/30/19 -1:4:
Misc. Info:	500ml 18708-984 TEDLAR	Method:	MSA0430
Data Name:	A2637.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.27	ND	10.00
49) 4-Ethyl Toluene	0.03	ND	2.00
50) 1,3,5-Trimethylbenzene	0.09	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	-0.38	ND	20.00
56) Hexachlorobutadiene		ND	4.00
MTBE		ND	40

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	316414	342215	OK	7.54	7.57	OK
1,4-Difluorobenzene	1467340	1538796	OK	9.25	9.26	OK
Chlorobenzene-d5	749756	867351	OK	14.72	14.64	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.45	104.9
Toluene-d8	50	46.05	92.1
4-Bromofluorobenzene	50	52.72	105.4

Comments:

Foot Notes:

1st Review: PK 5/2/97

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV5EQ102 OHM M9D270202-13	Data Analyzed:	30 Apr 1999 15:12
Misc. Info:	10ml 18708-885 TEDLAR	Method:	MSA0430
Data Name:	A2638.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	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	-0.46	ND	100.00
7) Chloroethane		ND	200.00
8) Trichlorofluoromethane (11)		ND	100.00
9) 1,1-Dichloroethene	-0.02	ND	100.00
10) Carbon Disulfide		ND	500.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.00	126.38	100.00
12) Acetone	-0.12	ND	500.00
13) Methylene Chloride	-0.00	ND	100.00
14) t-1,2-Dichloroethene		ND	100.00
15) 1,1-Dichloroethane		ND	100.00
16) Vinyl Acetate	0.07	ND	500.00
17) c-1,2-Dichloroethene		ND	100.00
18) 2-Butanone		ND	500.00
19) Chloroform	-0.01	ND	100.00
20) 1,1,1-Trichloroethane		ND	100.00
21) Carbon Tetrachloride	0.01	ND	100.00
23) Benzene		ND	100.00
25) 1,2-Dichloroethane		ND	100.00
26) Trichloroethene	0.01	356.10	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	-0.04	ND	500.00
32) Toluene	-0.07	ND	~~100.00~~ 250
34) t-1,3-Dichloropropene		ND	100.00
35) 1,1,2-Trichloroethane	0.16	ND	100.00
36) Tetrachloroethene	0.03	9599.07	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	-0.41	ND	100.00
42) p,&m-Xylene	-0.05	ND	100.00
43) o-Xylene		ND	100.00
44) Styrene		ND	100.00
45) Bromoform		ND	100.00

Sample Name:	CV5EQ102 OHM M9D270202-13	Data Analyzed:	04/30/19 -1:5:
Misc. Info:	10ml 18708-985 TEDLAR	Method:	MSA0430
Data Name:	A2638.D	Shift Cal.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	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	0.46	ND	100.00
50)	1,3,5-Trimethylbenzene	0.29	ND	100.00
51)	1,2,4-Trimethylbenzene	0.24	ND	100.00
52)	1,3-Dichlorobenzene		ND	100.00
53)	1,4-Dichlorobenzene		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	316414	327416	OK	7.54	7.59	OK
1,4-Difluorobenzene	1467340	1591399	OK	9.25	9.30	OK
Chlorobenzene-d5	749756	797655	OK	14.72	14.73	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.20	102.4
Toluene-d8	50	50.11	100.2
4-Bromofluorobenzene	50	42.03	84.1

Comments:

Foot Notes:

1st Review: PH 5/3/99

2nd Review:

--245VE13 | 4hr
4/27/99 - Tuesday

D:\GCMSA - 1\990426\A2610.D

Quanterra Air Toxics Lab

Sample Name:	CV5ER102 OHM M9D270202-14	Date Analyzed:	28 Apr 1999 17:30
Misc. Info:	500ml 18706-986 TEDLAR	Method:	MSA0428
Data Name:	A2610.D	Shift Cali.File:	CC04281.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.14	ND	2.00
3)	Chloromethane	-0.07	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	-0.04	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	-0.02	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.03	ND	2.00
12)	Acetone	-0.00	ND	10.00
13)	Methylene Chloride	-0.01	3.47	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane	0.19	ND	2.00
16)	Vinyl Acetate	-0.00	ND	10.00
17)	c-1,2-Dichloroethene	0.35	ND	2.00
18)	2-Butanone	-0.00	ND	10.00
19)	Chloroform	-0.02	ND	2.00
20)	1,1,1-Trichloroethane		ND	2.00
21)	Carbon Tetrachloride	-0.04	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	0.29	ND	10.00
32)	Toluene	-0.10	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.09	ND	2.00
36)	Tetrachloroethene	-0.05	39.32	2.00
37)	2-Hexanone	-0.34	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene	-0.20	ND	2.00
41)	Ethylbenzene	-0.02	ND	2.00
42)	p,&m-Xylene	-0.01	ND	2.00
43)	o-Xylene	0.15	ND	2.00
44)	Styrene	0.01	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CV5ER102 OHM M9D270202-14	Data Analyzed:	04/28/19 -1:7:
Misc. Info:	500ml 18708-986 TEDLAR	Method:	MSA0428
Data Name:	A2610.D	Shift Cali.File:	CC04281.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.25	ND	2.00
48)	Benzyl Chloride	0.12	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	0.07	ND	2.00
52)	1,3-Dichlorobenzene	0.21	ND	2.00
53)	1,4-Dichlorobenzene		ND	2.00
54)	1,2-Dichlorobenzene	-0.32	ND	2.00
55)	1,2,4-Trichlorobenzene	-0.33	ND	20.00
56)	Hexachlorobutadiene		ND	4.00

MTBE N/A 10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	323548	345996	OK	7.57	7.57	OK
1,4-Difluorobenzene	1574367	1574206	OK	9.28	9.27	OK
Chlorobenzene-d5	816551	847017	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.42	104.8
Toluene-d8	50	45.54	91.1
4-Bromofluorobenzene	50	49.88	99.8

Comments:

Foot Notes:

1st Review: PL 4/29/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV5EV102 OHM M9D270202-15	**Data Analyzed:**	28 Apr 1999 18:51
Misc. Info:	500ml 18708-987 TEDLAR	**Method:**	MSA0428
Data Name:	A2613.D	**Shift Cali.File:**	CC04281.D
Data Path:	D:\GCMSA~1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.10	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	0.01	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	-0.03	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.04	ND	2.00
12)	Acetone	-0.01	ND	10.00
13)	Methylene Chloride	-0.02	3.48	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane	-0.42	ND	2.00
16)	Vinyl Acetate	0.03	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	0.00	ND	10.00
19)	Chloroform	0.16	ND	2.00
20)	1,1,1-Trichloroethane		ND	2.00
21)	Carbon Tetrachloride		ND	2.00
23)	Benzene	-0.00	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.03	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.42	ND	2.00
30)	4-Methyl-2-Pentanone	0.48	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	0.08	ND	2.00
36)	Tetrachloroethene	-0.06	14.99	2.00
37)	2-Hexanone	-0.43	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	0.06	ND	2.00
44)	Styrene	0.02	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CV5EV102 OHM M9D270202-15	**Data Analyzed:**	04/28/19 -1:8:
Misc. Info:	500ml 18708-987 TEDLAR	**Method:**	MSA0428
Data Name:	A2613.D	**Shift Call.File:**	CC04281.D
Data Path:	D:\GCMSA-1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.18	ND	10.00
49)	4-Ethyl Toluene	0.11	ND	2.00
50)	1,3,5-Trimethylbenzene	0.10	ND	2.00
51)	1,2,4-Trimethylbenzene	0.07	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

LS:	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	323548	335877	OK	7.57	7.58	OK
1,4-Difluorobenzene	1574367	1565863	OK	9.28	9.27	OK
Chlorobenzene-d5	816551	880665	OK	14.73	14.66	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.14	106.3
Toluene-d8	50	45.95	91.9
4-Bromofluorobenzene	50	48.89	97.8

Comments:

Foot Notes:

1st Review: PAC 4/29/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV5EP102 OHM M9D270202-12	**Data Analyzed:**	30 Apr 1999 14:43
Misc. Info:	500ml 18708-984 TEDLAR	**Method:**	MSA0430
Data Name:	a2637.d	**Shift Call.File:**	CC04301.D
Data Path:	d:\gcmsa~1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.02	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)	0.01	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	ND	0.0237
13)	Methylene Chloride	0.00	0.0128	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	0.35	ND	0.0079
18)	2-Butanone	-0.24	ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane	0.01	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	-0.00	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	-0.42	ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	-0.12	ND	0.0409
32)	Toluene	-0.10	0.0160 NB	< RL ~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.40	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		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	0.07	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CV5EP102 OHM M9D270202-12	**Data Analyzed:**	04/30/19 -1:4:
Misc. Info:	500ml 18708-984 TEDLAR	**Method:**	MSA0430
Data Name:	a2637.d	**Shift Call.File:**	CC04301.D
Data Path:	d:\gcmsa-1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.27	ND	0.0518
49)	4-Ethyl Toluene	0.03	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.09	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	-0.38	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		AR	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	316414	342215	OK	7.54	7.57	OK
1,4-Difluorobenzene	1467340	1538796	OK	9.25	9.26	OK
Chlorobenzene-d5	749756	867351	OK	14.72	14.64	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.45	104.9
Toluene-d8	50	46.05	92.1
4-Bromofluorobenzene	50	52.72	105.4

Comments:

Foot Notes:

1st Review: PW 5/7/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV5EQ102 OHM M9D270202-13	**Data Analyzed:**	30 Apr 1999 15:12
Misc. Info:	10ml 18708-985 TEDLAR	**Method:**	MSA0430
Data Name:	A2638.D	**Shift Cali.File:**	CC04301.D
Data Path:	D:\GCMSA~1\990426\	**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	-0.46	ND	0.3875
7)	Chloroethane		ND	0.5266
8)	Trichlorofluoromethane (11)		ND	0.5607
9)	1,1-Dichloroethene	-0.02	ND	0.3957
10)	Carbon Disulfide		ND	1.5540
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	0.9665	0.7648
12)	Acetone	-0.12	ND	1.1855
13)	Methylene Chloride	-0.00	ND	0.3467
14)	t-1,2-Dichloroethene		ND	0.3957
15)	1,1-Dichloroethane		ND	0.4039
16)	Vinyl Acetate	0.07	ND	1.7570
17)	c-1,2-Dichloroethene		ND	0.3957
18)	2-Butanone		ND	1.4715
19)	Chloroform	-0.01	ND	0.4873
20)	1,1,1-Trichloroethane		ND	0.5445
21)	Carbon Tetrachloride	0.01	ND	0.6278
23)	Benzene		ND	0.3188
25)	1,2-Dichloroethane		ND	0.4039
26)	Trichloroethene	0.01	1.9097	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	-0.04	ND	2.0440
32)	Toluene	-0.07	ND	~~0.3781~~ 0.94
34)	t-1,3-Dichloropropene		ND	0.4529
35)	1,1,2-Trichloroethane	0.16	ND	0.5445
36)	Tetrachloroethene	0.03	64.9761	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	-0.41	ND	0.4333
42)	p,&m-Xylene	-0.05	ND	0.4333
43)	o-Xylene		ND	0.4333
44)	Styrene		ND	0.4251
45)	Bromoform		ND	1.0316

d:\gcmsa – 1\990426\a2638.d

Sample Name:	CV5EQ102 OHM M9D270202-13	Data Analyzed:	04/30/19 -1:5:
Misc. Info:	10ml 18708-985 TEDLAR	Method:	MSA0430
Data Name:	A2638.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	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	0.46	ND	0.4906
50)	1,3,5-Trimethylbenzene	0.29	ND	0.4906
51)	1,2,4-Trimethylbenzene	0.24	ND	0.4906
52)	1,3-Dichlorobenzene		ND	0.6000
53)	1,4-Dichlorobenzene		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	316414	327416	OK	7.54	7.59	OK
1,4-Difluorobenzene	1467340	1591399	OK	9.25	9.30	OK
Chlorobenzene-d5	749756	797655	OK	14.72	14.73	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.20	102.4
Toluene-d8	50	50.11	100.2
4-Bromofluorobenzene	50	42.03	84.1

Comments:

Foot Notes:

1st Review: PLW 5/3/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV5ER102 OHM M9D270202-14	**Data Analyzed:**	28 Apr 1999 17:30
Misc. Info:	500ml 18708-986 TEDLAR	**Method:**	MSA0428
Data Name:	a2610.d	**Shift Call.File:**	CC04281.D
Data Path:	d:\gcmsa~1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.14	ND	0.0099
3)	Chloromethane	-0.07	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	-0.04	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	-0.02	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.03	ND	0.0153
12)	Acetone	-0.00	ND	0.0237
13)	Methylene Chloride	-0.01	0.0120	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	0.19	ND	0.0081
16)	Vinyl Acetate	-0.00	ND	0.0351
17)	c-1,2-Dichloroethene	0.35	ND	0.0079
18)	2-Butanone	-0.00	ND	0.0294
19)	Chloroform	-0.02	ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride	-0.04	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	0.28	ND	0.0409
32)	Toluene	-0.10	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.09	ND	0.0109
36)	Tetrachloroethene	-0.05	0.2661	0.0135
37)	2-Hexanone	-0.34	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene	-0.20	ND	0.0092
41)	Ethylbenzene	-0.02	ND	0.0087
42)	p,m-Xylene	-0.01	ND	0.0087
43)	o-Xylene	0.15	ND	0.0087
44)	Styrene	0.01	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CV5ER102 OHM M9D270202-14	Data Analyzed:	04/28/19 -1:7:
Misc. Info:	500ml 18708-986 TEDLAR	Method:	MSA0428
Data Name:	a2610.d	Shift Call.File:	CC04281.D
Data Path:	d:\gcmsa~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.25	ND	0.0137
48)	Benzyl Chloride	0.12	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	0.07	ND	0.0098
52)	1,3-Dichlorobenzene	0.21	ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene	-0.32	ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.33	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	323548	345996	OK	7.57	7.57	OK
1,4-Difluorobenzene	1574367	1574206	OK	9.28	9.27	OK
Chlorobenzene-d5	816551	847017	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.42	104.8
Toluene-d8	50	45.54	91.1
4-Bromofluorobenzene	50	49.88	99.8

Comments:

Foot Notes:

1st Review: PKr 4/29/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV5EV102 OHM M9D270202-15	**Data Analyzed:**	28 Apr 1999 18:51
Misc. Info:	500ml 18708-967 TEDLAR	**Method:**	MSA0428
Data Name:	a2613.d	**Shift Call.File:**	CC04281.D
Data Path:	d:\gcmsa–1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.10	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	0.01	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	-0.03	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.04	ND	0.0153
12)	Acetone	-0.01	ND	0.0237
13)	Methylene Chloride	-0.02	0.0121	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.42	ND	0.0081
16)	Vinyl Acetate	0.03	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.00	ND	0.0294
19)	Chloroform	0.16	ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride		ND	0.0126
23)	Benzene	-0.00	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.03	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.42	ND	0.0091
30)	4-Methyl-2-Pentanone	0.48	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	0.08	ND	0.0109
36)	Tetrachloroethene	-0.06	0.1015	0.0135
37)	2-Hexanone	-0.43	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	0.06	ND	0.0087
44)	Styrene	0.02	ND	0.0085
45)	Bromoform		ND	0.0206

d:\gcmsa ~ 1\990426\a2613.d

Sample Name:	CV5EV102 OHM M9D270202-15	Data Analyzed:	04/28/19 -1:8:
Misc. Info:	500ml 18708-987 TEDLAR	Method:	MSA0428
Data Name:	a2613.d	Shift Call.File:	CC04281.D
Data Path:	d:\gcmsa~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.18	ND	0.0518
49)	4-Ethyl Toluene	0.11	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.10	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.07	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	323548	335877	OK	7.57	7.58	OK
1,4-Difluorobenzene	1574367	1565863	OK	9.28	9.27	OK
Chlorobenzene-d5	816551	860665	OK	14.73	14.66	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.14	106.3
Toluene-d8	50	45.95	91.9
4-Bromofluorobenzene	50	48.89	97.8

Comments:

Foot Notes:

1st Review: PN 4/29/99 2nd Review

18708-06103301

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
222484

24SVE13/24HR

FORM 0019 REV. 2-97

M's LAB COORDINATOR: J. BIENKOWSKI	LAB COORDINATOR'S PHONE: 949-261-6441	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID: HOR280244	LABORATORY CONTACT: NOEL CRUZ	MAIL REPORT (COMPANY NAME): IT GROUP
OJECT NAME: LTORO-24SVE13	PROJECT LOCATION: MCAS EL TORO	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8620	LABORATORY FAX: 714-258-0721	RECIPIENT NAME: DWAYNE ISHIGA
OJECT CONTACT: J. BIENKOWSKI	PROJECT PHONE NUMBER: —	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. GRAND		ADDRESS: 3347 MICHELSON STR. 200
OJECT ADDRESS: MCAS EL TORO	CITY, STATE AND ZIPCODE: IRVINE, CA.	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: SANTA ANA CA 92704		CITY, STATE, AND ZIPCODE: IRVINE CA 92614
OJECT MANAGER: B. SEDLAK	PROJECT MANAGER'S PHONE: 949-261-6441	PROJECT MANAGER'S FAX: —			

Sample Identifier	Matrix	Date 1999	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: CONTINGENT-MBD	Analyses: QUANTERRA	Comments
18708-990	VAPOR	4-28	0800	—	2	III	5DA	X			ANALYZE A 1DAG FIRST
18708-991	VAPOR	4-28	0805	—	3	III	5DA	X			
18708-992	VAPOR	4-28	0810	—	2	III	24HR	X			
18708-993	VAPOR	4-28	0815	—	2	III	24HR	X	X (✓)		ANALYZE ONLY IF 18708-992 IS DETECTED

AMPLES COLLECTED BY: C. PARRISH	COURIER AND AIR BILL NUMBER: CO JRRR			COOLER TEMPERATURE UPON RECEIPT:
RELINQUISHED BY: [signature]	RECEIVED BY: [signature]	DATE: 4-28-99	TIME: 17:15	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

24SVE13 24HR

Sample Point Location	Sample Type: G	C	F	QC
1. AMBIENT-24SVE13 24HR	X			X
2. INFLUENT-24SVE13 24HR	X			
3. MIDPOINT-24SVE13 24HR	X			
4. EFFLUENT 24SVE13 24HR	X			

Com

DV. effluent

F - Field Sample,
ple

à4SVE13/24hr

IT CORPORATION

Client Sample ID: 18708-990

GC/MS Volatiles

Lot-Sample #...: M9D280244-001 **Work Order #...:** CV6VP102 **Matrix.....:** AIR
Date Sampled...: 04/28/99 08:00 **Date Received..:** 04/28/99
Prep Date.....: 04/29/99 **Analysis Date..:** 04/29/99
Prep Batch #...: 9120250 **Analysis Time..:** 14:10
Dilution Factor: 1
Analyst ID.....: 117751 **Instrument ID..:** MSB
Method.....: EPA-19 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)
Acetone	ND	10	ppb(v/v)
Methylene chloride	**4.0**	**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)
cis-1,2-Dichloroethene	ND	2.0	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	**2.6**	**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	**110**	**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)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-990

GC/MS Volatiles

Lot-Sample #...: M9D280244-001 **Work Order #...:** CV6VP102 **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: 18708-991

GC/MS Volatiles

Lot-Sample #...: M9D280244-002 **Work Order #...:** CV6VQ102 **Matrix.....:** AIR
Date Sampled...: 04/28/99 08:05 **Date Received..:** 04/28/99
Prep Date.....: 04/29/99 **Analysis Date..:** 04/29/99
Prep Batch #...: 9120250 **Analysis Time..:** 14:40
Dilution Factor: 50
Analyst ID.....: 117751 **Instrument ID..:** MSB
Method.....: EPA-19 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	ND	100	ppb(v/v)
Carbon disulfide	ND	500	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**190**	**100**	**ppb(v/v)**
Acetone	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)
cis-1,2-Dichloroethene	ND	100	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	**490**	**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	**10000**	**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)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-991

GC/MS Volatiles

Lot-Sample #...: M9D280244-002 **Work Order #...:** CV6VQ102 **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)

2ASVE13/24hr.

D:\GCMSA-1\990426\A2614.D

Quanterra Air Toxics Lab

Sample Name:	CV6VR$02 OHM M9D280244-003	Data Analyzed:	28 Apr 1999 19:18
Misc. Info:	500ml 18708-992 TEDLAR	Method:	MSA0428
Data Name:	A2614.D	Shift Cali.File:	CC04281.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.14	ND	2.00
3)	Chloromethane	-0.07	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	-0.37	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	-0.03	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	ND	2.00
12)	Acetone	-0.00	ND	10.00
13)	Methylene Chloride	-0.00	2.79 ~~2.79~~ ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane	-0.30	ND	2.00
16)	Vinyl Acetate	-0.02	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	0.05	ND	10.00
19)	Chloroform		ND	2.00
20)	1,1,1-Trichloroethane		ND	2.00
21)	Carbon Tetrachloride		ND	2.00
23)	Benzene	0.05	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		ND	2.00
29)	c-1,3-Dichloropropene	0.16	ND	2.00
30)	4-Methyl-2-Pentanone	-0.14	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	0.06	ND	2.00
36)	Tetrachloroethene	-0.04	61.58	2.00
37)	2-Hexanone	0.40	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.06	ND	2.00
42)	p,&m-Xylene	0.17	ND	2.00
43)	o-Xylene	-0.00	ND	2.00
44)	Styrene	0.04	ND	2.00
45)	Bromoform		ND	2.00

D:\GCMSA~1\990426\A2614.D

Sample Name:	CV6VR002 OHM M9D280244-003	Data Analyzed:	04/28/19 -1:9:
Misc. Info:	500ml 18708-992 TEDLAR	Method:	MSA0428
Data Name:	A2614.D	Shift Cali.File:	CC04281.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.08	ND	10.00
49)	4-Ethyl Toluene	0.03	ND	2.00
50)	1,3,5-Trimethylbenzene	0.11	ND	2.00
51)	1,2,4-Trimethylbenzene	0.13	ND	2.00
52)	1,3-Dichlorobenzene		ND	2.00
53)	1,4-Dichlorobenzene	0.09	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	323548	348169	OK	7.57	7.57	OK
1,4-Difluorobenzene	1574367	1573501	OK	9.28	9.26	OK
Chlorobenzene-d5	816551	861437	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.61	107.2
Toluene-d8	50	45.03	90.1
4-Bromofluorobenzene	50	50.02	100.0

Comments:

Foot Notes:

1st Review: 4/29/99 2nd Review: PKS 4/29/99

D:\GCMSA-1\990426\A2616.D

Quanterra Air Toxics Lab

Sample Name:	CV6VT002 OHM M9D280244-004	Data Analyzed:	28 Apr 1999 20:14
Misc. Info:	500ml 18708-993 TEDLAR	Method:	MSA0428
Data Name:	A2616.D	Shift Cali.File:	CC04281.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.13	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	-0.00	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.06	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)	-0.02	ND	2.00
12)	Acetone	0.01	ND	10.00
13)	Methylene Chloride	0.01	3.34 ~~3.35~~ AD AE	2.00
14)	t-1,2-Dichloroethene		AR ND	2.00
15)	1,1-Dichloroethane	0.25	4/29/99 ND	2.00
16)	Vinyl Acetate	-0.00	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	-0.04	ND	10.00
19)	Chloroform		ND	2.00
20)	1,1,1-Trichloroethane		ND	2.00
21)	Carbon Tetrachloride		ND	2.00
23)	Benzene	-0.03	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.05	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.33	ND	2.00
30)	4-Methyl-2-Pentanone	-0.15	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	0.07	ND	2.00
36)	Tetrachloroethene	-0.05	55.85	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	-0.01	ND	2.00
43)	o-Xylene	-0.01	ND	2.00
44)	Styrene	0.03	ND	2.00
45)	Bromoform		ND	2.00

D:\GCMSA – 1\990426\A2616.D

Sample Name:	CV6VT002 OHM M9D280244-004	**Data Analyzed:**	04/28/19 -1:0:
Misc. Info:	500ml 18708-993 TEDLAR	**Method:**	MSA0428
Data Name:	A2616.D	**Shift Call.File:**	CC04281.D
Data Path:	D:\GCMSA-1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.48	ND	2.00
48)	Benzyl Chloride	0.15	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	0.08	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
	MATE		NO	TO

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	323548	333906	OK	7.57	7.57	OK
1,4-Difluorobenzene	1574367	1550892	OK	9.28	9.26	OK
Chlorobenzene-d5	816551	860729	OK	14.73	14.67	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	54.18	108.4
Toluene-d8	50	45.39	90.8
4-Bromofluorobenzene	50	49.83	99.7

Comments:

Foot Notes:

1st Review: AA 4/29/99

2nd Review: PM 4/29/99

IT CORPORATION

Client Sample ID: 18708-990

GC/MS Volatiles

Lot-Sample #...: M9D280244-001 **Work Order #...:** CV6VP101 **Matrix.....:** AIR
Date Sampled...: 04/28/99 08:00 **Date Received..:** 04/28/99
Prep Date.....: 04/29/99 **Analysis Date..:** 04/29/99
Prep Batch #...: 9125195 **Analysis Time..:** 14:10
Dilution Factor: 1
Analyst ID.....: 117751 **Instrument ID..:** MSB
Method.....: EPA-19 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
Acetone	ND	0.024	ug/L
Methylene chloride	**0.014**	**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
cis-1,2-Dichloroethene	ND	0.0079	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	**0.014**	**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	**0.75**	**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

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IT CORPORATION

Client Sample ID: 18708-990

GC/MS Volatiles

Lot-Sample #...: M9D280244-001 **Work Order #...:** CV6VP101 **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: 18708-991

GC/MS Volatiles

Lot-Sample #...: M9D280244-002 **Work Order #...:** CV6VQ101 **Matrix.....:** AIR
Date Sampled...: 04/28/99 08:05 **Date Received..:** 04/28/99
Prep Date.....: 04/29/99 **Analysis Date..:** 04/29/99
Prep Batch #...: 9125195 **Analysis Time..:** 14:40
Dilution Factor: 50
Analyst ID.....: 117751 **Instrument ID..:** MSB
Method.....: EPA-19 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	ND	0.40	ug/L
Carbon disulfide	ND	1.6	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.5**	**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
cis-1,2-Dichloroethene	ND	0.40	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	**2.6**	**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	**69**	**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

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IT CORPORATION

Client Sample ID: 18708-991

GC/MS Volatiles

Lot-Sample #...: M9D280244-002 **Work Order #...:** CV6VQ101 **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

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Quanterra Air Toxics Lab

Sample Name:	CV6VR002 OHM M9D280244-003	**Data Analyzed:**	28 Apr 1999 19:18
Misc. Info:	500ml 18706-992 TEDLAR	**Method:**	MSA0428
Data Name:	a2614.d	**Shift Cali.File:**	CC04281.D
Data Path:	d:\gcmsa~1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.14	ND	0.0099
3)	Chloromethane	-0.07	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	-0.37	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	-0.03	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	ND	0.0153
12)	Acetone	-0.00	ND	0.0237
13)	Methylene Chloride	-0.00	0.0097	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.30	ND	0.0081
16)	Vinyl Acetate	-0.02	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.05	ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride		ND	0.0126
23)	Benzene	0.05	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		ND	0.0134
29)	c-1,3-Dichloropropene	0.16	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.14	ND	0.0409
32)	Toluene	-0.09	ND	0.0075
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.06	ND	0.0109
36)	Tetrachloroethene	-0.04	0.4168	0.0135
37)	2-Hexanone	0.40	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.06	ND	0.0087
42)	p,&m-Xylene	0.17	ND	0.0087
43)	o-Xylene	-0.00	ND	0.0087
44)	Styrene	0.04	ND	0.0085
45)	Bromoform		ND	0.0206

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Sample Name:	CV6VR002 OHM M9D280244-003	Data Analyzed:	04/28/19 -1:9:
Misc. Info:	500ml 18708-992 TEDLAR	Method:	MSA0428
Data Name:	a2614.d	Shift Call.File:	CC04281.D
Data Path:	d:\gcmsa~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.08	ND	0.0518
49)	4-Ethyl Toluene	0.03	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.11	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.13	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene	0.09	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	0.076

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	323548	348169	OK	7.57	7.57	OK
1,4-Difluorobenzene	1574367	1573501	OK	9.28	9.26	OK
Chlorobenzene-d5	816551	861437	OK	14.73	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.61	107.2
Toluene-d8	50	45.03	90.1
4-Bromofluorobenzene	50	50.02	100.0

Comments:

Foot Notes:

1st Review: 4/29/99 2nd Review PW 4/29/99

d:\gcmsa-1\990426\a2616.d

Quanterra Air Toxics Lab

Sample Name:	CV6VT002 OHM M9D280244-004	**Data Analyzed:**	28 Apr 1999 20:14
Misc. Info:	500ml 18708-993 TEDLAR	**Method:**	MSA0428
Data Name:	a2616.d	**Shift Call.File:**	CC04281.D
Data Path:	d:\gcmsa-1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.13	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	-0.00	ND	0.0078
7)	Chloroethane		ND	0.0106
8)	Trichlorofluoromethane (11)	-0.06	ND	0.0112
9)	1,1-Dichloroethane		ND	0.0079
10)	Carbon Disulfide	-0.02	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	ND	0.0153
12)	Acetone	0.01	ND	0.0237
13)	Methylene Chloride	0.01	0.0117 ~~0.0117~~ MS MS	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	0.25	ND	0.0081
16)	Vinyl Acetate	-0.00	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	-0.04	ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride		ND	0.0126
23)	Benzene	-0.03	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.05	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.33	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.15	ND	0.0409
32)	Toluene	-0.09	ND	~~0.0073~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.07	ND	0.0109
36)	Tetrachloroethene	-0.05	0.3781	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	-0.01	ND	0.0087
43)	o-Xylene	-0.01	ND	0.0087
44)	Styrene	0.03	ND	0.0085
45)	Bromoform		ND	0.0206

RA 4/29/99

d:\gcmsa - 1\990426\a2616.d

Sample Name:	CV6VT002 OHM M9D280244-004	Data Analyzed:	04/28/19 -1:0:
Misc. Info:	500ml 18708-993 TEDLAR	Method:	MSA0428
Data Name:	a2616.d	Shift Cali.File:	CC04281.D
Data Path:	d:\gcmsa~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.48	ND	0.0137
48)	Benzyl Chloride	0.15	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	0.08	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		N/D	0.016

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	323548	333906	OK	7.57	7.57	OK
1,4-Difluorobenzene	1574367	1550892	OK	9.28	9.26	OK
Chlorobenzene-d5	816551	860729	OK	14.73	14.67	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	54.18	108.4
Toluene-d8	50	45.39	90.8
4-Bromofluorobenzene	50	49.83	99.7

Comments:

Foot Notes:

1st Review: AA 4/29/99 2nd Review PAC 4/29/99

18708 — 06003301

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
217025
FORM 0019 REV. 2-97

24SVE13 48HR

CLIENT'S LAB COORDINATOR: L. BIRNKOWSKI	LAB COORDINATOR'S PHONE: 949-261-6441	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID: M9D290254	LABORATORY CONTACT: NORL CRUZ	MAIL REPORT (COMPANY NAME): IT GROUP
PROJECT NAME: EL TORO-24SVE13	PROJECT LOCATION: MCAS EL TORO	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: 714-258-0721	RECIPIENT NAME: DUANE ISHIDA
PROJECT CONTACT: L. BIRNKOWSKI	PROJECT PHONE NUMBER: —	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. GRAND	ADDRESS: 3347 MICHELSON DR. 200	
PROJECT ADDRESS: MCAS EL TORO	CITY, STATE AND ZIPCODE: IRVINE CA	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: SANTA ANA CA	CITY, STATE, AND ZIPCODE: IRVINE CA 92614	
PROJECT MANAGER: D. SKOLAK	PROJECT MANAGER'S PHONE: 949-261-6441	PROJECT MANAGER'S FAX: —			

Analyses: TO-14 CONTINUOUS SAMPLE — QUANTERRA

Item	Sample Identifier	Matrix	Date (1999)	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses	Comments
1	18708-1006	VAPOR	4-29	0845	—	2	III	50A	X	ANALYZE A SAME FIRST
2	18708-1007	VAPOR	4-29	0850	—	3	III	50A	X	
3	18708-1008	VAPOR	4-29	0855	—	3	III	50A	X	
4	18708-1009	VAPOR	4-29	0900	—	2	III	24HR	X	
5	18708-1010	VAPOR	4-29	0905	—	2	III	24HR	X X (6)	ANALYZE ONLY IF 18708-1009 IS OUT OF CTRL
6										
7										
8										
9										
10										

SAMPLES COLLECTED BY: C. HARRISH
RELINQUISHED BY: Carol Parvin
COURIER AND AIR BILL NUMBER: COURIER
RECEIVED BY:
DATE: 4-29-99
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

24SVE13 48HR

Sample Point Location	Sample Type G	C	F	QC
1. AWS 24SVE13 48HR	X			X
2. INFLUENT 24SVE13 48HR	X			
3. INFLUENT DUP 24SVE13 48HR	X			X
4. MIDPOINT 24SVE13 48HR	X			
5. EFFLUENT 2 24SVE13 48HR	X			

Comments:

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

245VE1B / 48hr.

4/29 → Thurs.

IT CORPORATION

Client Sample ID: 18708-1006

GC/MS Volatiles

Lot-Sample #...: M9D290254-001 **Work Order #...:** CV8JV102 **Matrix.....:** AIR
Date Sampled...: 04/29/99 08:45 **Date Received..:** 04/29/99
Prep Date.....: 05/01/99 **Analysis Date..:** 05/01/99
Prep Batch #...: 9125345 **Analysis Time..:** 12:31
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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)
Acetone	ND	10	ppb(v/v)
Methylene chloride	**2.5**	**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)
cis-1,2-Dichloroethene	ND	2.0	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)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1006

GC/MS Volatiles

Lot-Sample #...: M9D290254-001 **Work Order #...:** CV8JV102 **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: 18708-1007

GC/MS Volatiles

Lot-Sample #...: M9D290254-002 **Work Order #...:** CV8JW102 **Matrix.....:** AIR
Date Sampled...: 04/29/99 08:50 **Date Received..:** 04/29/99
Prep Date.....: 05/01/99 **Analysis Date..:** 05/01/99
Prep Batch #...: 9125345 **Analysis Time..:** 13:17
Dilution Factor: 50
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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	ND	100	ppb(v/v)
Carbon disulfide	ND	500	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**230**	**100**	**ppb(v/v)**
Acetone	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)
cis-1,2-Dichloroethene	ND	100	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	**500**	**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	**14000**	**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)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1007

GC/MS Volatiles

Lot-Sample #...: M9D290254-002 **Work Order #...:** CV8JW102 **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)

IT CORPORATION

Client Sample ID: 18708-1008

GC/MS Volatiles

Lot-Sample #...: M9D290254-003 **Work Order #...:** CV8JX103 **Matrix.....:** AIR
Date Sampled...: 04/29/99 08:55 **Date Received..:** 04/29/99
Prep Date.....: 05/01/99 **Analysis Date..:** 05/01/99
Prep Batch #...: 9125345 **Analysis Time..:** 13:51
Dilution Factor: 50
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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	ND	100	ppb(v/v)
Carbon disulfide	ND	500	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**200**	**100**	**ppb(v/v)**
Acetone	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)
cis-1,2-Dichloroethene	ND	100	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	**450**	**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	**13000**	**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)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1008

GC/MS Volatiles

Lot-Sample #...: M9D290254-003 **Work Order #...:** CV8JX103 **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)

IT CORPORATION

18708-1008

GC/MS Volatiles

ot-Sample #: M9D290254-003 **Work Order #:** CV8JX103 **Matrix:** AIR

ASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

ARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
one				ppb(v/v)

245VE13 / 48hr

4/29/99

D:\GCMSA~1\990426\A2639.D

Quanterra Air Toxics Lab

Sample Name:	CV8K0102 OHM M9D290254-4	Data Analyzed:	30 Apr 1999 15:40
Misc. Info:	500ml 18706-1009 TEDLAR	Method:	MSA0430
Data Name:	A2639.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.06	ND	2.00
3)	Chloromethane	-0.04	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	-0.01	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	ND	2.00
12)	Acetone	0.01	ND	10.00
13)	Methylene Chloride	0.00	2.46	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	0.00	ND	2.00
18)	2-Butanone	-0.20	ND	10.00
19)	Chloroform		ND	2.00
20)	1,1,1-Trichloroethane	-0.00	ND	2.00
21)	Carbon Tetrachloride	0.02	ND	2.00
23)	Benzene	0.04	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		ND	2.00
29)	c-1,3-Dichloropropene		ND	2.00
30)	4-Methyl-2-Pentanone	-0.13	ND	10.00
32)	Toluene	-0.08	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.11	ND	2.00
36)	Tetrachloroethene	-0.04	81.18	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	-0.01	ND	2.00
43)	o-Xylene	0.01	ND	2.00
44)	Styrene	0.05	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CV8K0102 OHM M9D290254-4	Data Analyzed:	04/30/19 -1:5:
Misc. Info:	500ml 18708-1009 TEDLAR	Method:	MSA0430
Data Name:	A2639.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.07	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	0.13	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

LS.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	316414	355336	OK	7.54	7.57	OK
1,4-Difluorobenzene	1467340	1563133	OK	9.25	9.26	OK
Chlorobenzene-d5	749756	906135	OK	14.72	14.66	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.86	105.7
Toluene-d8	50	46.53	93.1
4-Bromofluorobenzene	50	51.11	102.2

Comments:

Foot Notes:

1st Review: PN 4/30/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV8K1102 OHM M9D290254-5	**Data Analyzed:**	30 Apr 1999 16:08
Misc. Info:	500ml 18708-1010 TEDLAR	**Method:**	MSA0430
Data Name:	A2640.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSA-1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.10	ND	2.00
3)	Chloromethane	-0.05	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	-0.04	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)	-0.03	ND	2.00
12)	Acetone	0.01	ND	10.00
13)	Methylene Chloride	-0.01	2.41	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.01	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone		ND	10.00
19)	Chloroform	0.17	ND	2.00
20)	1,1,1-Trichloroethane		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	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	-0.11	ND	10.00
32)	Toluene	-0.10	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.07	ND	2.00
36)	Tetrachloroethene	-0.03	30.52	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	0.01	ND	2.00
43)	o-Xylene	0.03	ND	2.00
44)	Styrene	0.02	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CV8K1102 OHM M9D290254-5	Data Analyzed:	04/30/19 -1:6:
Misc. Info:	500ml 18708-1010 TEDLAR	Method:	MSA0430
Data Name:	A2640.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.43	ND	2.00
48) Benzyl Chloride	-0.02	ND	10.00
49) 4-Ethyl Toluene	-0.01	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.08	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		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	316414	343522	OK	7.54	7.57	OK
1,4-Difluorobenzene	1467340	1582613	OK	9.25	9.25	OK
Chlorobenzene-d5	749756	867380	OK	14.72	14.68	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.03	102.1
Toluene-d8	50	44.57	89.1
4-Bromofluorobenzene	50	48.26	96.5

Comments:

Foot Notes:

1st Review: PAC 4/30/99 2nd Review:

IT CORPORATION

Client Sample ID: 18708-1006

GC/MS Volatiles

Lot-Sample #...: M9D290254-001 **Work Order #...:** CV8JV101 **Matrix.....:** AIR
Date Sampled...: 04/29/99 08:45 **Date Received..:** 04/29/99
Prep Date.....: 05/01/99 **Analysis Date..:** 05/01/99
Prep Batch #...: 9125347 **Analysis Time..:** 12:31
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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
Acetone	ND	0.024	ug/L
Methylene chloride	**0.0086**	**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
cis-1,2-Dichloroethene	ND	0.0079	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

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IT CORPORATION

Client Sample ID: 18708-1006

GC/MS Volatiles

Lot-Sample #...: M9D290254-001 **Work Order #...:** CV8JV101 **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: 18708-1007

GC/MS Volatiles

Lot-Sample #...: M9D290254-002 **Work Order #...:** CV8JW101 **Matrix.....:** AIR
Date Sampled...: 04/29/99 08:50 **Date Received..:** 04/29/99
Prep Date.....: 05/01/99 **Analysis Date..:** 05/01/99
Prep Batch #...: 9125347 **Analysis Time..:** 13:17
Dilution Factor: 50
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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	ND	0.40	ug/L
Carbon disulfide	ND	1.6	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.8**	**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
cis-1,2-Dichloroethene	ND	0.40	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	**2.7**	**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	**95**	**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

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IT CORPORATION

Client Sample ID: 18708-1007

GC/MS Volatiles

Lot-Sample #...: M9D290254-002 **Work Order #...:** CV8JW101 **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

IT CORPORATION

Client Sample ID: 18708-1008

GC/MS Volatiles

Lot-Sample #...: M9D290254-003 **Work Order #...:** CV8JX102 **Matrix.....:** AIR
Date Sampled...: 04/29/99 08:55 **Date Received..:** 04/29/99
Prep Date.....: 05/01/99 **Analysis Date..:** 05/01/99
Prep Batch #...: 9125347 **Analysis Time..:** 13:51
Dilution Factor: 50
Analyst ID.....: 117760 **Instrument ID..:** MSA
Method.....: EPA-19 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	ND	0.40	ug/L
Carbon disulfide	ND	1.6	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.5**	**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
cis-1,2-Dichloroethene	ND	0.40	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	**2.4**	**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	**86**	**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

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IT CORPORATION

Client Sample ID: 18708-1008

GC/MS Volatiles

Lot-Sample #...: M9D290254-003 **Work Order #...:** CV8JX102 **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

Quanterra Air Toxics Lab

Sample Name:	CV8K0102 OHM M9D290254-4	**Data Analyzed:**	30 Apr 1999 15:40
Misc. Info:	500ml 18708-1009 TEDLAR	**Method:**	MSA0430
Data Name:	A2639.D	**Shift Cali.File:**	CC04301.D
Data Path:	D:\GCMSA~1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)	
2)	Dichlorodifluoromethane (12)	-0.06	ND	0.0099	
3)	Chloromethane	-0.04	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	-0.01	ND	0.0311	
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	ND	0.0153	
12)	Acetone	0.01	ND	0.0237	
13)	Methylene Chloride	0.00	0.0085	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	0.00	ND	0.0079	
18)	2-Butanone	-0.20	ND	0.0294	
19)	Chloroform		ND	0.0097	
20)	1,1,1-Trichloroethane	-0.00	ND	0.0109	
21)	Carbon Tetrachloride	0.02	ND	0.0126	
23)	Benzene	0.04	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		ND	0.0134	
29)	c-1,3-Dichloropropene		ND	0.0091	
30)	4-Methyl-2-Pentanone	-0.13	ND	0.0409	
32)	Toluene	-0.08	ND	~~0.0075~~	0.019
34)	t-1,3-Dichloropropene		ND	0.0091	
35)	1,1,2-Trichloroethane	0.11	ND	0.0109	
36)	Tetrachloroethene	-0.04	0.5495	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	-0.01	ND	0.0087	
43)	o-Xylene	0.01	ND	0.0087	
44)	Styrene	0.05	ND	0.0085	
45)	Bromoform		ND	0.0206	

Sample Name:	CV8K0102 OHM M9D290254-4	Data Analyzed:	04/30/19 -1:5:
Misc. Info:	500ml 18708-1009 TEDLAR	Method:	MSA0430
Data Name:	A2639.D	Shift Cali.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.07	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	0.13	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		XB	0.012

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	316414	355336	OK	7.54	7.57	OK
1,4-Difluorobenzene	1467340	1563133	OK	9.25	9.26	OK
Chlorobenzene-d5	749756	906135	OK	14.72	14.66	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.86	105.7
Toluene-d8	50	46.53	93.1
4-Bromofluorobenzene	50	51.11	102.2

Comments:

Foot Notes:

1st Review: PLS 4/30/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV8K1102 OHM M9D290254-5	**Data Analyzed:**	30 Apr 1999 16:08
Misc. Info:	500ml 18708-1010 TEDLAR	**Method:**	MSA0430
Data Name:	A2640.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSA-1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.10	ND	0.0099
3)	Chloromethane	-0.05	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	-0.04	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)	-0.03	ND	0.0153
12)	Acetone	0.01	ND	0.0237
13)	Methylene Chloride	-0.01	0.0084	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	-0.01	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone		ND	0.0294
19)	Chloroform	0.17	ND	0.0097
20)	1,1,1-Trichloroethane		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	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	-0.11	ND	0.0408
32)	Toluene	-0.10	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.07	ND	0.0109
36)	Tetrachloroethene	-0.03	0.2066	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	0.01	ND	0.0087
43)	o-Xylene	0.03	ND	0.0087
44)	Styrene	0.02	ND	0.0085
45)	Bromoform		ND	0.0206

D:\GCMSA~1\990426\A2640.D

Sample Name:	CV8K1102 OHM M9D290254-5	Data Analyzed:	04/30/19 -1:6:
Misc. Info:	500ml 18708-1010 TEDLAR	Method:	MSA0430
Data Name:	A2640.D	Shift Calf.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.43	ND	0.0137
48)	Benzyl Chloride	-0.02	ND	0.0518
49)	4-Ethyl Toluene	-0.01	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.08	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		ND	0.0120
55)	1,2,4-Trichlorobenzene		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	316414	343522	OK	7.54	7.57	OK
1,4-Difluorobenzene	1467340	1582613	OK	9.25	9.25	OK
Chlorobenzene-d5	749756	867380	OK	14.72	14.68	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.03	102.1
Toluene-d8	50	44.57	89.1
4-Bromofluorobenzene	50	48.26	96.5

Comments:

Foot Notes:

1st Review: PN 4/30/99 2nd Review

18708 — 06003301

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

217024

245VE13 72HR

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. BIENKOWSKI	LAB COORDINATOR'S PHONE: 949-261-6441	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID #: 49D300018	LABORATORY CONTACT: NOEL CRUZ	MAIL REPORT (COMPANY NAME): ITGROUP
PROJECT NAME: EL TORO 245VE13	PROJECT LOCATION: MCAS EL TORO	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-6810	LABORATORY FAX: 714-258-0721	RECIPIENT NAME: DWAYNE ISHIDA
PROJECT CONTACT: L. BIENKOWSKI	PROJECT PHONE NUMBER: —	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. GRAND		ADDRESS: 3347 MICHELSON DR. 200
PROJECT ADDRESS: MCAS EL TORO	CITY, STATE AND ZIPCODE: IRVINE CA	CLIENT: SCDIV	CITY, STATE, AND ZIPCODE: SANTA ANA CA 92714		CITY, STATE, AND ZIPCODE: IRVINE CA
PROJECT MANAGER: B. SEDLAK	PROJECT MANAGER'S PHONE: 949-261-6441	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date 1999	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Cut Dig Out-Hold							Comments
																	QUANTERRA ANALYZE A TAGS FIRST
1	18708-1027	VAPOR	4-30	0915	–	2	III	5DA	X								
2	18708-1028	VAPOR	4-30	0920	–	3	III	5DA	X								
3	18708-1029	VAPOR	4-30	0925	–	2	III	24HR	X								
4	18708-1030	VAPOR	4-30	0930	–	2	III	24HR	X	*	(B)						ANALYZE ONLY IF 18708-1029 IS DETECTED
5																	
6																	
7																	
8																	
9																	
10																	

SAMPLES COLLECTED BY: C. PARRISH	COURIER AND AIR BILL NUMBER: COURIER	COOLER TEMPERATURE UPON RECEIPT:
RELINQUISHED BY: Cary Parrish	RECEIVED BY: Gladis Vargas	DATE: 4-30-99 TIME: 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

[redacted]

Sample Point Location	G	C	F	QC
1. AMBIENT 245VE13 72HR	X			X
2. INFLUENT 245VE13 72HR	X			
3. MIDPOINT 245VE13 72HR	X			
4. EFFLUENT 245VE13 72HR	X			

[redacted]

F - Field Sample,

24SVE13 / 72 hr

4/30 → Friday

D:\GCMSA-1\990426\A2652.D

Quanterra Air Toxics Lab

Sample Name:	CV9VA102 OHM M9D300218-1	Data Analyzed:	1 May 1999 14:23
Misc. Info:	500ml 18706-1027 TEDLAR BAG	Method:	MSA0501
Data Name:	A2652.D	Shift Call.File:	CC05011.D
Data Path:	D:\GCMSA-1\990426\	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)	0.06	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	0.02	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	ND	2.00
12)	Acetone	0.01	ND	10.00
13)	Methylene Chloride	-0.00	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.38	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	-0.14	ND	10.00
19)	Chloroform	-0.04	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	0.02	2.06	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	-0.09	ND	10.00
32)	Toluene	-0.09	ND	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.36	ND	2.00
36)	Tetrachloroethene	-0.03	ND	2.00
37)	2-Hexanone	-0.40	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	0.01	ND	2.00
43)	o-Xylene	0.03	ND	2.00
44)	Styrene	0.04	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CV9VA102 OHM M9D300218-1	Data Analyzed:	05/ 1/19 -1:4:
Misc. Info:	500ml 18708-1027 TEDLAR BAG	Method:	MSA0501
Data Name:	A2652.D	Shift Calt.File:	CC05011.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.31	ND	2.00
48)	Benzyl Chloride	0.21	ND	10.00
49)	4-Ethyl Toluene	0.05	ND	2.00
50)	1,3,5-Trimethylbenzene	0.12	ND	2.00
51)	1,2,4-Trimethylbenzene	0.09	ND	2.00
52)	1,3-Dichlorobenzene		ND	2.00
53)	1,4-Dichlorobenzene	0.09	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	316228	347656	OK	7.57	7.58	OK
1,4-Difluorobenzene	1500309	1575425	OK	9.26	9.25	OK
Chlorobenzene-d5	781505	860200	OK	14.74	14.67	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.29	102.6
Toluene-d8	50	44.63	89.3
4-Bromofluorobenzene	50	46.63	93.3

Comments:

Foot Notes:

1st Review: LR 5/3/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV9VD102 OHM M9D300218-2	Date Analyzed:	1 May 1999 14:51
Misc. Info:	10ml 18706-1028 TEDLAR BAG	Method:	MSA0501
Data Name:	A2653.D	Shift Call.File:	CC05011.D
Data Path:	D:\GCMSA~1\990426\	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	-0.21	ND	100.00
7)	Chloroethane		ND	200.00
8)	Trichlorofluoromethane (11)		ND	100.00
9)	1,1-Dichloroethene	-0.00	ND	100.00
10)	Carbon Disulfide	-0.01	ND	500.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.03	181.00	100.00
12)	Acetone	0.02	ND	500.00
13)	Methylene Chloride	0.02	ND	100.00
14)	t-1,2-Dichloroethene		ND	100.00
15)	1,1-Dichloroethane		ND	100.00
16)	Vinyl Acetate	0.14	ND	500.00
17)	c-1,2-Dichloroethene		ND	100.00
18)	2-Butanone		ND	500.00
19)	Chloroform	0.03	ND	100.00
20)	1,1,1-Trichloroethane		ND	100.00
21)	Carbon Tetrachloride	-0.00	ND	100.00
23)	Benzene	-0.05	ND	100.00
25)	1,2-Dichloroethane		ND	100.00
26)	Trichloroethene	0.01	452.35	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	-0.03	ND	500.00
32)	Toluene		ND	~~100.00~~ 250
34)	t-1,3-Dichloropropene		ND	100.00
35)	1,1,2-Trichloroethane	0.16	ND ~~[illegible]~~ RT, MS	100.00
36)	Tetrachloroethene	0.02	12744.37	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	-0.42	ND	100.00
42)	p,&m-Xylene		ND	100.00
43)	o-Xylene		ND	100.00
44)	Styrene		ND	100.00
45)	Bromoform		ND	100.00

Sample Name:	CV9VD102 OHM M9D300218-2	Data Analyzed:	05/ 1/19 -1:4:
Misc. Info:	10ml 18708-1028 TEDLAR BAG	Method:	MSA0501
Data Name:	A2653.D	Shift Call.File:	CC05011.D
Data Path:	D:\GCMSA~1\990426\	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	0.28	ND	100.00
50)	1,3,5-Trimethylbenzene		ND	100.00
51)	1,2,4-Trimethylbenzene	0.07	ND	100.00
52)	1,3-Dichlorobenzene		ND	100.00
53)	1,4-Dichlorobenzene		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	316228	346429	OK	7.57	7.59	OK
1,4-Difluorobenzene	1500309	1659562	OK	9.26	9.29	OK
Chlorobenzene-d5	781505	813765	OK	14.74	14.75	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.41	98.8
Toluene-d8	50	48.94	97.9
4-Bromofluorobenzene	50	42.93	85.9

Comments:

Foot Notes:

1st Review: LR 5/3/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV9VF102 OHM M9D300218-3	Data Analyzed:	30 Apr 1999 16:36
Misc. Info:	500ml 18708-1029 TEDLAR	Method:	MSA0430
Data Name:	A2641.D	Shift Cali.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.11	ND	2.00
3)	Chloromethane	-0.05	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)	0.00	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)	-0.02	ND	2.00
12)	Acetone	0.02	ND	10.00
13)	Methylene Chloride	-0.01	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane	-0.24	ND	2.00
16)	Vinyl Acetate	-0.39	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	-0.32	ND	10.00
19)	Chloroform		ND	2.00
20)	1,1,1-Trichloroethane	-0.01	ND	2.00
21)	Carbon Tetrachloride	-0.02	ND	2.00
23)	Benzene	-0.00	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	0.00	3.35	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	-0.12	ND	10.00
32)	Toluene	-0.05	ND	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.10	ND	2.00
36)	Tetrachloroethene	-0.03	155.87	2.00
37)	2-Hexanone	-0.40	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	0.00	ND	2.00
43)	o-Xylene	0.01	ND	2.00
44)	Styrene	0.06	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CV9VF102 OHM M9D300218-3	Data Analyzed:	04/30/19 -1:6:
Misc. Info:	500ml 18709-1029 TEDLAR	Method:	MSA0430
Data Name:	A2641.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.15	ND	10.00
49)	4-Ethyl Toluene	0.06	ND	2.00
50)	1,3,5-Trimethylbenzene	0.08	ND	2.00
51)	1,2,4-Trimethylbenzene	0.03	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	-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	316414	332964	OK	7.54	7.56	OK
1,4-Difluorobenzene	1457340	1483848	OK	9.25	9.25	OK
Chlorobenzene-d5	749756	764214	OK	14.72	14.67	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.26	104.5
Toluene-d8	50	42.33	84.7
4-Bromofluorobenzene	50	52.60	105.2

Comments:

Foot Notes:

1st Review: LR 5/3/19

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV9VG102 OHM M9D300218-4	**Data Analyzed:**	30 Apr 1999 17:04
Misc. Info:	500ml 18706-1030 TEDLAR	**Method:**	MSA0430
Data Name:	A2642.D	**Shift Call.File:**	CC04301.D
Data Path:	D:\GCMSA~1\990426\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.10	ND	2.00
3)	Chloromethane	-0.05	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	0.03	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	-0.00	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	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	0.13	ND	2.00
16)	Vinyl Acetate	-0.11	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone		ND	10.00
19)	Chloroform	-0.00	ND	2.00
20)	1,1,1-Trichloroethane		ND	2.00
21)	Carbon Tetrachloride	-0.05	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		ND	2.00
29)	c-1,3-Dichloropropene		ND	2.00
30)	4-Methyl-2-Pentanone	0.39	ND	10.00
32)	Toluene	-0.12	ND	~~2.00~~ 5.0
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.08	ND	2.00
36)	Tetrachloroethene	-0.05	60.34	2.00
37)	2-Hexanone	0.27	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	0.04	ND	2.00
43)	o-Xylene	0.11	ND	2.00
44)	Styrene	0.05	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CV9VG102 OHM M9D300218-4	Data Analyzed:	04/30/19 -1:7:
Misc. Info:	500ml 18708-1030 TEDLAR	Method:	MSA0430
Data Name:	A2642.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.14	ND	10.00
49) 4-Ethyl Toluene	0.13	ND	2.00
50) 1,3,5-Trimethylbenzene	0.07	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		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	316414	361460	OK	7.54	7.58	OK
1,4-Difluorobenzene	1467340	1571707	OK	9.25	9.26	OK
Chlorobenzene-d5	749756	853654	OK	14.72	14.64	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.77	103.5
Toluene-d8	50	46.49	93.0
4-Bromofluorobenzene	50	48.75	97.5

Comments:

Foot Notes:

1st Review: LR 5/3/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CV9VA102 OHM M9D300218-1	**Data Analyzed:**	1 May 1999 14:23
Misc. Info:	500ml 18708-1027 TEDLAR BAG	**Method:**	MSA0501
Data Name:	A2652.D	**Shift Cali.File:**	CC05011.D
Data Path:	D:\GCMSA-1\990426\	**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)	0.05	ND	0.0140
5) Vinyl Chloride		ND	0.0051
6) Bromomethane		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	0.02	ND	0.0311
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.00	ND	0.0153
12) Acetone	0.01	ND	0.0237
13) Methylene Chloride	-0.00	ND	0.0069
14) t-1,2-Dichloroethene		ND	0.0079
15) 1,1-Dichloroethane		ND	0.0081
16) Vinyl Acetate	-0.38	ND	0.0351
17) c-1,2-Dichloroethene		ND	0.0079
18) 2-Butanone	-0.14	ND	0.0294
19) Chloroform	-0.04	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	0.02	0.0111	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	-0.09	ND	0.0409
32) Toluene	-0.09	ND	~~0.0075~~ 0.01
34) t-1,3-Dichloropropene		ND	0.0091
35) 1,1,2-Trichloroethane	0.36	ND	0.0109
36) Tetrachloroethene	-0.03	ND	0.0135
37) 2-Hexanone	-0.40	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	0.01	ND	0.0087
43) o-Xylene	0.03	ND	0.0087
44) Styrene	0.04	ND	0.0085
45) Bromoform		ND	0.0206

Sample Name:	CV9VA102 OHM M9D300218-1	**Data Analyzed:**	05/ 1/19 -1:4:
Misc. Info:	500ml 18708-1027 TEDLAR BAG	**Method:**	MSA0501
Data Name:	A2652.D	**Shift Cali.File:**	CC05011.D
Data Path:	D:\GCMSA~1\990426\	**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	0.21	ND	0.0518
49)	4-Ethyl Toluene	0.05	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.12	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.09	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene	0.09	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	316228	347655	OK	7.57	7.58	OK
1,4-Difluorobenzene	1500309	1575425	OK	9.26	9.25	OK
Chlorobenzene-d5	781505	860200	OK	14.74	14.67	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.29	102.6
Toluene-d8	50	44.63	89.3
4-Bromofluorobenzene	50	46.63	93.3

Comments:

Foot Notes:

1st Review: LR 5/3/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV9VD102 OHM M9D300218-2	**Data Analyzed:**	1 May 1999 14:51
Misc. Info:	10ml 18706-1028 TEDLAR BAG	**Method:**	MSA0501
Data Name:	A2653.D	**Shift Call.File:**	CC05011.D
Data Path:	D:\GCMSA-1\990426\	**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	-0.21	ND	0.3875
7)	Chloroethane		ND	0.5288
8)	Trichlorofluoromethane (11)		ND	0.5607
9)	1,1-Dichloroethene	-0.00	ND	0.3957
10)	Carbon Disulfide	-0.01	ND	1.5540
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.03	1.3843	0.7648
12)	Acetone	0.02	ND	1.1855
13)	Methylene Chloride	0.02	ND	0.3467
14)	t-1,2-Dichloroethene		ND	0.3957
15)	1,1-Dichloroethane		ND	0.4039
16)	Vinyl Acetate	0.14	ND	1.7570
17)	c-1,2-Dichloroethene		ND	0.3957
18)	2-Butanone		ND	1.4715
19)	Chloroform	0.03	ND	0.4873
20)	1,1,1-Trichloroethane		ND	0.5445
21)	Carbon Tetrachloride	-0.00	ND	0.6278
23)	Benzene	-0.06	ND	0.3188
25)	1,2-Dichloroethane		ND	0.4039
26)	Trichloroethene	0.01	2.4260	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	-0.03	ND	2.0440
32)	Toluene		ND	~~0.3761~~ 0.95
34)	t-1,3-Dichloropropene		ND	0.4529
35)	1,1,2-Trichloroethane	0.16	ND ~~8.6892~~ RC ms	0.5445
36)	Tetrachloroethene	0.02	86.2667	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	-0.42	ND	0.4333
42)	p,&m-Xylene		ND	0.4333
43)	o-Xylene		ND	0.4333
44)	Styrene		ND	0.4251
45)	Bromoform		ND	1.0316

Sample Name:	CV9VD102 OHM M9D300218-2	**Date Analyzed:**	05/ 1/19 -1:4:
Misc. Info:	10ml 18708-1028 TEDLAR BAG	**Method:**	MSA0501
Data Name:	A2653.D	**Shift Call.File:**	CC05011.D
Data Path:	D:\GCMSA~1\990426\	**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	0.28	ND	0.4906
50)	1,3,5-Trimethylbenzene		ND	0.4906
51)	1,2,4-Trimethylbenzene	0.07	ND	0.4906
52)	1,3-Dichlorobenzene		ND	0.6000
53)	1,4-Dichlorobenzene		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	316228	346429	OK	7.57	7.59	OK
1,4-Difluorobenzene	1500309	1658562	OK	9.26	9.29	OK
Chlorobenzene-d5	781505	813765	OK	14.74	14.75	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.41	98.8
Toluene-d8	50	48.94	97.9
4-Bromofluorobenzene	50	42.93	85.9

Comments:

Foot Notes:

1st Review: LR 5/3/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV9VF102 OHM M9D300218-3	Data Analyzed:	30 Apr 1999 16:38
Misc. Info:	500ml 18708-1029 TEDLAR	Method:	MSA0430
Data Name:	A2641.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.11	ND	0.0099
3)	Chloromethane	-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)	Bromomethane	-0.01	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	-0.02	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	-0.01	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.24	ND	0.0081
16)	Vinyl Acetate	-0.39	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	-0.32	ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane	-0.01	ND	0.0109
21)	Carbon Tetrachloride	-0.02	ND	0.0126
23)	Benzene	-0.00	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	0.00	0.0180	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	-0.12	ND	0.0409
32)	Toluene	-0.05	ND	~~0.0076~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.10	ND	0.0109
36)	Tetrachloroethene	-0.03	1.0551	0.0135
37)	2-Hexanone	-0.40	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	0.00	ND	0.0087
43)	o-Xylene	0.01	ND	0.0087
44)	Styrene	0.06	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CV9VF102 OHM M9D300218-3	Data Analyzed:	04/30/19 -1:6:
Misc. Info:	500ml 18708-1029 TEDLAR	Method:	MSA0430
Data Name:	A2641.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.15	ND	0.0518
49)	4-Ethyl Toluene	0.06	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.08	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.03	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	-0.34	ND	0.0120
55)	1,2,4-Trichlorobenzene		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		N/D	0.036

LS.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	316414	332684	OK	7.54	7.56	OK
1,4-Difluorobenzene	1467340	1483848	OK	9.25	9.25	OK
Chlorobenzene-d5	749756	764214	OK	14.72	14.67	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.26	104.5
Toluene-d8	50	42.33	84.7
4-Bromofluorobenzene	50	52.60	105.2

Comments:

Foot Notes:

1st Review: LR 5/3/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CV9VG102 OHM M9D300218-4	Data Analyzed:	30 Apr 1999 17:04
Misc. Info:	500ml 18708-1030 TEDLAR	Method:	MSA0430
Data Name:	A2642.D	Shift Call.File:	CC04301.D
Data Path:	D:\GCMSA-1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.10	ND	0.0099
3)	Chloromethane	-0.05	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	0.03	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	-0.00	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	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	0.13	ND	0.0081
16)	Vinyl Acetate	-0.11	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone		ND	0.0294
19)	Chloroform	-0.00	ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride	-0.05	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		ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	0.39	ND	0.0409
32)	Toluene	-0.12	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.08	ND	0.0109
36)	Tetrachloroethene	-0.05	0.4085	0.0135
37)	2-Hexanone	0.27	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	0.04	ND	0.0087
43)	o-Xylene	0.11	ND	0.0087
44)	Styrene	0.06	ND	0.0085
45)	Bromoform		ND	0.0206

D:\GCMSA~1\990426\A2642.D

Sample Name:	CV9VG102 OHM M9D300218-4	Data Analyzed:	04/30/19 -1:7:
Misc. Info:	500ml 18706-1030 TEDLAR	Method:	MSA0430
Data Name:	A2642.D	Shift Cali.File:	CC04301.D
Data Path:	D:\GCMSA~1\990426\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.14	ND	0.0518
49)	4-Ethyl Toluene	0.13	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.07	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		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.038

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	316414	361460	OK	7.54	7.58	OK
1,4-Difluorobenzene	1467340	1571707	OK	9.25	9.26	OK
Chlorobenzene-d5	749756	853654	OK	14.72	14.64	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.77	103.5
Toluene-d8	50	46.49	93.0
4-Bromofluorobenzene	50	48.75	97.5

Comments:

Foot Notes:

1st Review: LR 5/3/99 2nd Review

18708-06003301

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
222493

24SVE13 1WK

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)
L. BIENKOWSKI	949-261-6441	949-475-5433	M95040163	NOEL CRUZ	IT GROUP

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
EL TORO	MCAS EL TORO	18708	714-258-8620	714-258-0721	DWAYNE ISHIDA

PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS	ADDRESS
L. BIENKOWSKI	—	—	1721 S. GRAND AVE	3347 MICHELSON STE 200

PROJECT ADDRESS	CITY, STATE AND ZIPCODE	CLIENT	CITY, STATE AND ZIPCODE	CITY, STATE AND ZIPCODE
MCAS EL TORO	IRVINE CA	SWDIV	SANTA ANA CA	IRVINE CA

PROJECT MANAGER	PROJECT MANAGER'S PHONE	PROJECT MANAGER'S FAX
B. SEDLAK	949-261-6441	—

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	CONTINGENT-HOLD							Comments
																	QUANTIFIED ANALYZE ALL AG FIRST
1	18708-1049	VAPOR	5-4	0745	—	2	III	~~24HR~~ 5DA	X								
2	18708-1050	VAPOR	5-4	0750	—	3	III	~~24HR~~ 5DA	X								
3	18708-1051	VAPOR	5-4	0755	—	2	III	24HR	X								
4	18708-1052	VAPOR	5-4	0800	—	2	III	24HR	X	X (Q)							ANALYZE ONLY IF 18708-1051 IS DETECTED
5																	
6																	
7																	
8																	
9																	
10																	

SAMPLES COLLECTED BY: C. HARISH

RELINQUISHED BY	COURIER AND AIR BILL NUMBER:	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Cindy Harris			5-4-97		

COOLER TEMPERATURE 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

24SVE13 1WK-7day

Sample Point Location	Sample Type G	C	F	QC
1. AMBIENT 24SVE13 1WK	X			
2. INFLUENT 24SVE13 1WK	X			
3. MIDPOINT 24SVE13 1WK	X			
4. EFFLUENT 24SVE13 1WK	X			

Comments: [redacted]

Sample [redacted] d Sample.

Sample Name:	CVD9L102 OHM M9E040143-1	Data Analyzed:	05/ 4/19 -1:8:
Misc. Info:	500 ml 18708-1049 TEDLAR	Method:	MSA0504
Data Name:	A2683.D	Shift Call.File:	CC05041.D
Data Path:	D:\GCMSA–1\990503\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.35	ND	2.00
48)	Benzyl Chloride	0.16	ND	10.00
49)	4-Ethyl Toluene	0.00	ND	2.00
50)	1,3,5-Trimethylbenzene	0.07	ND	2.00
51)	1,2,4-Trimethylbenzene	0.04	ND	2.00
52)	1,3-Dichlorobenzene	0.19	ND	2.00
53)	1,4-Dichlorobenzene	0.06	ND	2.00
54)	1,2-Dichlorobenzene	-0.25	ND	2.00
55)	1,2,4-Trichlorobenzene	0.38	ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	1.0

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	333246	346144	OK	7.55	7.55	OK
1,4-Difluorobenzene	1546854	1544332	OK	9.26	9.26	OK
Chlorobenzene-d5	818240	817506	OK	14.72	14.66	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.24	98.5
Toluene-d8	50	49.71	99.4
4-Bromofluorobenzene	50	48.45	96.9

Comments:

Foot Notes:

1st Review: PM 5/4/99

2nd Review:

MAY 5'99 16:33 FR 714 258 0921 TO 19494/33433 P.04

Quanterra Air Toxics Lab

Sample Name:	CVD9P102 OHM M9E040143-2	Date Analyzed:	4 May 1999 16:33
Misc. Info:	10 ml 18706-1060 TEDLAR	Method:	MSA0504
Data Name:	A2684.D	Shift Cali.File:	CC05041.D
Data Path:	D:\GCMSA–1\990503\	Dilution Factor:	50

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	0.03	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	0.15	ND	200.00
8)	Trichlorofluoromethane (11)		ND	100.00
9)	1,1-Dichloroethene	-0.02	ND	100.00
10)	Carbon Disulfide		ND	500.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	132.46	100.00
12)	Acetone	-0.04	ND	500.00
13)	Methylene Chloride	-0.04	ND	100.00
14)	t-1,2-Dichloroethene		ND	100.00
15)	1,1-Dichloroethane		ND	100.00
16)	Vinyl Acetate	-0.01	ND	500.00
17)	c-1,2-Dichloroethene		ND	100.00
18)	2-Butanone		ND	500.00
19)	Chloroform	0.01	ND	100.00
20)	1,1,1-Trichloroethane		ND	100.00
21)	Carbon Tetrachloride	-0.00	ND	100.00
23)	Benzene	0.03	ND	100.00
25)	1,2-Dichloroethane		ND	100.00
26)	Trichloroethene	0.01	310.31	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	-0.04	ND	500.00
32)	Toluene	-0.06	ND	~~100.00~~ 250
34)	t-1,3-Dichloropropene		ND	100.00
35)	1,1,2-Trichloroethane	0.16	ND	100.00
36)	Tetrachloroethene	0.02	6665.18	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	-0.43	ND	100.00
42)	p,&m-Xylene		ND	100.00
43)	o-Xylene		ND	100.00
44)	Styrene		ND	100.00
45)	Bromoform		ND	100.00

MAY 5'99 16:34 FR 714 258 0921 TO 19494755433 P.05

Sample Name:	CVD9P102 OHM M9E040143-2	Data Analyzed:	05/ 4/19 -1:6:
Misc. Info:	10 ml 18708-1050 TEDLAR	Method:	MSA0504
Data Name:	A2684.D	Shift Cali.File:	CC05041.D
Data Path:	D:\GCMSA–1\990503\	Dilution Factor:	50

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.49	ND	100.00
48)	Benzyl Chloride	-0.04	ND	500.00
49)	4-Ethyl Toluene	0.43	ND	100.00
50)	1,3,5-Trimethylbenzene	-0.09	ND	100.00
51)	1,2,4-Trimethylbenzene	0.11	ND	100.00
52)	1,3-Dichlorobenzene		ND	100.00
53)	1,4-Dichlorobenzene		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	333246	353435	OK	7.56	7.58	OK
1,4-Difluorobenzene	1546654	1672330	OK	9.26	9.29	OK
Chlorobenzene-d5	818240	739347	OK	14.72	14.73	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	44.27	88.5
Toluene-d8	50	46.68	93.4
4-Bromofluorobenzene	50	49.03	98.1

Comments:

Foot Notes:

1st Review: PH 5/4/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CVD9Q102 OHM M9E040143-3	Data Analyzed:	4 May 1999 17:00
Misc. Info:	500ml 18706-1051 TEDLAR	Method:	MSA0504
Data Name:	A2685.D	Shift Cali.File:	CC05041.D
Data Path:	D:\GCMSA–1\990503\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.07	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	-0.07	ND	4.00
8)	Trichlorofluoromethane (11)	0.01	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	0.03	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	-0.24	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	-0.27	ND	10.00
19)	Chloroform	-0.04	ND	2.00
20)	1,1,1-Trichloroethane		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	0.00	3.87	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	-0.22	ND	2.00
29)	c-1,3-Dichloropropene	0.31	ND	2.00
30)	4-Methyl-2-Pentanone	-0.04	ND	10.00
32)	Toluene	-0.08	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.07	ND	2.00
36)	Tetrachloroethene	-0.05	165.64	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	0.20	ND	2.00
42)	p,&m-Xylene	0.16	ND	2.00
43)	o-Xylene	0.03	ND	2.00
44)	Styrene	0.07	ND	2.00
45)	Bromoform		ND	2.00

MAY 5'99 16:34 FR 714 258 0921 TO 19494755433 P.07

Sample Name:	CVD9Q102 OHM M9E040143-3	**Data Analyzed:**	05/ 4/19 -1:7:
Misc. Info:	500ml 18708-1051 TEDLAR	**Method:**	MSA0504
Data Name:	A2685.D	**Shift Call.File:**	CC05041.D
Data Path:	D:\GCMSA~1\990503\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.26	ND	10.00
49) 4-Ethyl Toluene	0.06	ND	2.00
50) 1,3,5-Trimethylbenzene	0.18	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	0.05	ND	2.00
54) 1,2-Dichlorobenzene		ND	2.00
55) 1,2,4-Trichlorobenzene		ND	20.00
56) Hexachlorobutadiene		ND	4.00

MTBE Nb 10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	333246	365672	OK	7.55	7.56	OK
1,4-Difluorobenzene	1546654	1612540	OK	9.26	9.24	OK
Chlorobenzene-d5	818240	880460	OK	14.72	14.60	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.57	99.1
Toluene-d8	50	45.72	91.4
4-Bromofluorobenzene	50	49.51	99.0

Comments:

Foot Notes:

1st Review: PHF 5/4/99

2nd Review:

MAY 5,99 16:34 FR 714 258 0921 TO 19494/55433 P.06

Quanterra Air Toxics Lab

Sample Name:	CVD9R102 OHM M9E040143-4	Data Analyzed:	4 May 1999 17:56
Misc. Info:	450ml 18706-1052 TEDLAR FROZE	Method:	MSA0504
Data Name:	A2687.D	SMR Call.File:	CC05041.D
Data Path:	D:\GCMSA~1\990503\	Dilution Factor:	1.111

G Ø MJ 5/5/99

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.04	ND	2.22
3)	Chloromethane	-0.03	ND	4.44
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.22
5)	Vinyl Chloride		ND	2.22
6)	Bromomethane		ND	2.22
7)	Chloroethane		ND	4.44
8)	Trichlorofluoromethane (11)	-0.01	ND	2.22
9)	1,1-Dichloroethene		ND	2.22
10)	Carbon Disulfide	-0.00	ND	11.11
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.02	ND	2.22
12)	Acetone	0.03	ND	11.11
13)	Methylene Chloride	-0.01	ND	2.22
14)	t-1,2-Dichloroethene		ND	2.22
15)	1,1-Dichloroethane		ND	2.22
16)	Vinyl Acetate	-0.15	ND	11.11
17)	c-1,2-Dichloroethene		ND	2.22
18)	2-Butanone	-0.27	ND	11.11
19)	Chloroform		ND	2.22
20)	1,1,1-Trichloroethane	-0.02	ND	2.22
21)	Carbon Tetrachloride	-0.04	ND	2.22
23)	Benzene	-0.37	ND	2.22
25)	1,2-Dichloroethane		ND	2.22
26)	Trichloroethene	0.00	ND	2.22
27)	1,2-Dichloropropane		ND	2.22
28)	Bromodichloromethane	-0.09	ND	2.22
29)	c-1,3-Dichloropropene	0.13	ND	2.22
30)	4-Methyl-2-Pentanone	0.43	ND	11.11
32)	Toluene	-0.09	~~3.01~~ ND	~~2.22~~ 5.5
34)	t-1,3-Dichloropropene		ND	2.22
35)	1,1,2-Trichloroethane	0.07	ND	2.22
36)	Tetrachloroethene	-0.04	49.20	2.22
37)	2-Hexanone	0.11	ND	33.33
38)	Dibromochloromethane		ND	2.22
39)	1,2-Dibromoethane		ND	2.22
40)	Chlorobenzene	-0.20	ND	2.22
41)	Ethylbenzene	0.03	ND	2.22
42)	p,&m-Xylene	0.02	ND	2.22
43)	o-Xylene	0.06	ND	2.22
44)	Styrene	0.04	ND	2.22
45)	Bromoform		ND	2.22

MAY 5'99 16:35 FR 714 258 0921 TO 19494755433 P.09

Sample Name:	CVD9R102 OHM M9E040143-4	Data Analyzed:	05/ 4/19 -1:7:
Misc. Info:	450ml 18708-1052 TEDLAR FROZE	Method:	MSA0504
Data Name:	A2687.D	Shift Calf.File:	CC05041.D
Data Path:	D:\GCMSA~1\990503\	Dilution Factor:	1.111

G-8

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.22
48) Benzyl Chloride	0.09	ND	11.11
49) 4-Ethyl Toluene	0.07	ND	2.22
50) 1,3,5-Trimethylbenzene	0.11	ND	2.22
51) 1,2,4-Trimethylbenzene	0.13	ND	2.22
52) 1,3-Dichlorobenzene		ND	2.22
53) 1,4-Dichlorobenzene		ND	2.22
54) 1,2-Dichlorobenzene		ND	2.22
55) 1,2,4-Trichlorobenzene		ND	22.22
56) Hexachlorobutadiene		ND	4.44

MTBE ND 11

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	333246	356414	OK	7.55	7.56	OK
1,4-Difluorobenzene	1546654	1609819	OK	9.26	9.24	OK
Chlorobenzene-d5	818240	875116	OK	14.72	14.61	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.36	98.7
Toluene-d8	50	44.84	89.7
4-Bromofluorobenzene	50	47.19	94.4

Comments: A2686 NOT USED – 250 DILUTE

Foot Notes: G8

1st Review: PN 5/4/99 2nd Review: _____

Quanterra Air Toxics Lab

Sample Name:	CVD9L102 OHM M9E040143-1	**Data Analyzed:**	4 May 1999 16:03
Misc. Info:	500 ml 18708-1049 TEDLAR	**Method:**	MSA0504
Data Name:	A2683.D	**Shift Cal.File:**	CC05041.D
Data Path:	D:\GCMSA~1\990503\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	0.05	ND	0.0099
3)	Chloromethane	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)	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	0.01	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	0.00	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.13	ND	0.0081
16)	Vinyl Acetate	-0.40	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.29	ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane	-0.02	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		ND	0.0134
29)	c-1,3-Dichloropropene	0.44	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.06	ND	0.0409
32)	Toluene	-0.06	~~0.0069~~ No	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	-0.12	ND	0.0109
36)	Tetrachloroethene	-0.03	ND	0.0135
37)	2-Hexanone	-0.31	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	0.02	ND	0.0087
43)	o-Xylene	0.02	ND	0.0087
44)	Styrene	0.02	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CVD9L102 OHM M9E040143-1	Data Analyzed:	05/ 4/19 -1:6:
Misc. Info:	500 ml 18708-1049 TEDLAR	Method:	MSA0504
Data Name:	A2683.D	Shift Cali.File:	CC05041.D
Data Path:	D:\GCMSA–1\990503\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.35	ND	0.0137
48)	Benzyl Chloride	0.16	ND	0.0518
49)	4-Ethyl Toluene	0.00	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.07	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.04	ND	0.0098
52)	1,3-Dichlorobenzene	0.19	ND	0.0120
53)	1,4-Dichlorobenzene	0.06	ND	0.0120
54)	1,2-Dichlorobenzene	-0.25	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.38	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	333246	346144	OK	7.55	7.55	OK
1,4-Difluorobenzene	1546654	1544332	OK	9.26	9.25	OK
Chlorobenzene-d5	818240	817506	OK	14.72	14.66	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.24	98.5
Toluene-d8	50	49.71	99.4
4-Bromofluorobenzene	50	48.45	96.9

Comments:

Foot Notes:

1st Review: PK 5/4/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CVD9P102 OHM M9E040143-2	**Data Analyzed:**	4 May 1999 16:33
Misc. Info:	10 ml 18708-1050 TEDLAR	**Method:**	MSA0504
Data Name:	a2684.d	**Shift Call.File:**	CC05041.D
Data Path:	d:\gcmsa–1\990503\	**Dilution Factor:**	50

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	0.03	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	0.15	ND	0.5266
8)	Trichlorofluoromethane (11)		ND	0.5807
9)	1,1-Dichloroethene	-0.02	ND	0.3957
10)	Carbon Disulfide		ND	1.5540
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	1.0131	0.7648
12)	Acetone	-0.04	ND	1.1855
13)	Methylene Chloride	-0.04	ND	0.3467
14)	t-1,2-Dichloroethene		ND	0.3957
15)	1,1-Dichloroethane		ND	0.4039
16)	Vinyl Acetate	-0.01	ND	1.7570
17)	c-1,2-Dichloroethene		ND	0.3957
18)	2-Butanone		ND	1.4715
19)	Chloroform	0.01	ND	0.4873
20)	1,1,1-Trichloroethane		ND	0.5445
21)	Carbon Tetrachloride	-0.00	ND	0.6278
23)	Benzene	0.03	ND	0.3188
25)	1,2-Dichloroethane		ND	0.4039
26)	Trichloroethene	0.01	1.6642	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	-0.04	ND	2.0440
32)	Toluene	-0.06	ND	~~0.3781~~ 0.95
34)	t-1,3-Dichloropropene		ND	0.4529
35)	1,1,2-Trichloroethane	0.16	ND	0.5445
36)	Tetrachloroethene	0.02	58.6546	0.6769
37)	2-Hexanone		ND	6.1320
38)	Dibromochloromethane		ND	0.8502
39)	1,2-Dibromoethane		ND	0.7868
40)	Chlorobenzene		ND	0.4594
41)	Ethylbenzene	-0.43	ND	0.4333
42)	p,&m-Xylene		ND	0.4333
43)	o-Xylene		ND	0.4333
44)	Styrene		ND	0.4251
45)	Bromoform		ND	1.0316

Sample Name:	CVD9P102 OHM M9E040143-2	Data Analyzed:	05/ 4/19 -1:6:
Misc. Info:	10 ml 18708-1050 TEDLAR	Method:	MSA0504
Data Name:	a2684.d	Shift Cali.File:	CC05041.D
Data Path:	d:\gcmsa~1\990503\	Dilution Factor:	50

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.49	ND	0.6851
48)	Benzyl Chloride	-0.04	ND	2.5880
49)	4-Ethyl Toluene	0.43	ND	0.4906
50)	1,3,5-Trimethylbenzene	-0.09	ND	0.4906
51)	1,2,4-Trimethylbenzene	0.11	ND	0.4906
52)	1,3-Dichlorobenzene		ND	0.6000
53)	1,4-Dichlorobenzene		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	333246	353435	OK	7.55	7.58	OK
1,4-Difluorobenzene	1546654	1672330	OK	9.26	9.29	OK
Chlorobenzene-d5	818240	739347	OK	14.72	14.73	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	44.27	88.5
Toluene-d8	50	46.68	93.4
4-Bromofluorobenzene	50	49.03	98.1

Comments:

Foot Notes:

1st Review: PW 5/4/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CVD9Q102 OHM M9E040143-3	Data Analyzed:	4 May 1999 17:00
Misc. Info:	500ml 18708-1051 TEDLAR	Method:	MSA0504
Data Name:	a2685.d	Shift Call.File:	CC05041.D
Data Path:	d:\gcmsa~1\990503\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)	
2)	Dichlorodifluoromethane (12)	-0.07	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	-0.07	ND	0.0105	
8)	Trichlorofluoromethane (11)	0.01	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	0.03	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	-0.24	ND	0.0351	
17)	c-1,2-Dichloroethene		ND	0.0079	
18)	2-Butanone	-0.27	ND	0.0294	
19)	Chloroform	-0.04	ND	0.0097	
20)	1,1,1-Trichloroethane		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	0.00	0.0208	0.0107	
27)	1,2-Dichloropropane		ND	0.0092	
28)	Bromodichloromethane	-0.22	ND	0.0134	
29)	c-1,3-Dichloropropene	0.31	ND	0.0091	
30)	4-Methyl-2-Pentanone	-0.04	ND	0.0409	
32)	Toluene	-0.08	ND	~~0.0075~~	0.019
34)	t-1,3-Dichloropropene		ND	0.0091	
35)	1,1,2-Trichloroethane	0.07	ND	0.0109	
36)	Tetrachloroethene	-0.05	1.1212	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	0.20	ND	0.0087	
42)	p,&m-Xylene	0.16	ND	0.0087	
43)	o-Xylene	0.03	ND	0.0087	
44)	Styrene	0.07	ND	0.0085	
45)	Bromoform		ND	0.0206	

Sample Name:	CVD9Q102 OHM M9E040143-3	Data Analyzed:	05/ 4/19 -1:7:
Misc. Info:	500ml 18708-1051 TEDLAR	Method:	MSA0504
Data Name:	a2685.d	Shift Call.File:	CC05041.D
Data Path:	d:\gcmsa–1\990503\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.26	ND	0.0518
49)	4-Ethyl Toluene	0.06	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.18	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	0.05	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	0.016

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	333246	365672	OK	7.55	7.56	OK
1,4-Difluorobenzene	1546654	1612540	OK	9.26	9.24	OK
Chlorobenzene-d5	818240	880460	OK	14.72	14.60	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.57	99.1
Toluene-d8	50	45.72	91.4
4-Bromofluorobenzene	50	49.51	99.0

Comments:

Foot Notes:

1st Review: PM 5/4/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CVD9R102 OHM M9E040143-4	**Data Analyzed:**	4 May 1999 17:56
Misc. Info:	450ml 18708-1052 TEDLAR FROZE	**Method:**	MSA0504
Data Name:	A2687.D	**Shift Cali.File:**	CC06041.D
Data Path:	D:\GCMSA~1\990503\	**Dilution Factor:**	1.111

G ~~D~~ MT 5/5/99

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.04	ND	0.0110
3)	Chloromethane	-0.03	ND	0.0092
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0155
5)	Vinyl Chloride		ND	0.0057
6)	Bromomethane		ND	0.0086
7)	Chloroethane		ND	0.0117
8)	Trichlorofluoromethane (11)	-0.01	ND	0.0125
9)	1,1-Dichloroethene		ND	0.0088
10)	Carbon Disulfide	-0.00	ND	0.0345
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.02	ND	0.0170
12)	Acetone	0.03	ND	0.0263
13)	Methylene Chloride	-0.01	ND	0.0077
14)	t-1,2-Dichloroethene		ND	0.0088
15)	1,1-Dichloroethane		ND	0.0090
16)	Vinyl Acetate	-0.15	ND	0.0390
17)	c-1,2-Dichloroethene		ND	0.0088
18)	2-Butanone	-0.27	ND	0.0327
19)	Chloroform		ND	0.0108
20)	1,1,1-Trichloroethane	-0.02	ND	0.0121
21)	Carbon Tetrachloride	-0.04	ND	0.0139
23)	Benzene	-0.37	ND	0.0071
25)	1,2-Dichloroethane		ND	0.0090
26)	Trichloroethene	0.00	ND	0.0119
27)	1,2-Dichloropropane		ND	0.0102
28)	Bromodichloromethane	-0.09	ND	0.0149
29)	c-1,3-Dichloropropene	0.13	ND	0.0101
30)	4-Methyl-2-Pentanone	0.43	ND	0.0454
32)	Toluene	-0.09	~~0.0113~~ ND	~~0.0064~~ 0.021
34)	t-1,3-Dichloropropene		ND	0.0101
35)	1,1,2-Trichloroethane	0.07	ND	0.0121
36)	Tetrachloroethene	-0.04	0.3330	0.0150
37)	2-Hexanone	0.11	ND	0.1363
38)	Dibromochloromethane		ND	0.0189
39)	1,2-Dibromoethane		ND	0.0170
40)	Chlorobenzene	-0.20	ND	0.0102
41)	Ethylbenzene	0.03	ND	0.0096
42)	p,&m-Xylene	0.02	ND	0.0096
43)	o-Xylene	0.06	ND	0.0096
44)	Styrene	0.04	ND	0.0094
45)	Bromoform		ND	0.0229

D:\GCMSA~1\990503\A2687.D

Sample Name:	CVD9R102 OHM M9E040143-4	Data Analyzed:	05/ 4/19 -1:7:
Misc. Info:	450ml 18708-1052 TEDLAR FROZ	Method:	MSA0504
Data Name:	A2687.D	Shift Call.File:	CC05041.D
Data Path:	D:\GCMSA~1\990503\	Dilution Factor:	1.111

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0152
48)	Benzyl Chloride	0.09	ND	0.0575
49)	4-Ethyl Toluene	0.07	ND	0.0109
50)	1,3,5-Trimethylbenzene	0.11	ND	0.0109
51)	1,2,4-Trimethylbenzene	0.13	ND	0.0109
52)	1,3-Dichlorobenzene		ND	0.0133
53)	1,4-Dichlorobenzene		ND	0.0133
54)	1,2-Dichlorobenzene		ND	0.0133
55)	1,2,4-Trichlorobenzene		ND	0.1646
56)	Hexachlorobutadiene		ND	0.0473

MPE 0.070

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	333246	356414	OK	7.56	7.56	OK
1,4-Difluorobenzene	1546654	1609619	OK	9.26	9.24	OK
Chlorobenzene-d5	818240	875116	OK	14.72	14.61	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.36	98.7
Toluene-d8	50	44.84	89.7
4-Bromofluorobenzene	50	47.19	94.4

Comments:

Foot Notes:

1st Review: PM 5/4/99 2nd Review

COMPLETED (GW 5/19

18708-0600 3301

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
222494

24 SVE 13 14DAYS

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)
L. BIENKOWSKI	949-261-6441	949-475-5433	MAE110194	NOEL CRUZ	IT GROUP

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
EL TORO	MCAS EL TORO	18708	714-258-8610	714-258-0721	DWAYNE ISHIDA

PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS	ADDRESS
L. BIENKOWSKI	—	—	1721 S. GRAND AVE	3347 MICHELSON STR. 200

PROJECT ADDRESS	CITY, STATE AND ZIPCODE	CLIENT	CITY, STATE AND ZIPCODE	CITY, STATE, AND ZIPCODE
MCAS EL TORO	IRVINE, CA.	SWDIV	SANTA ANA, CA.	IRVINE, CA.

PROJECT MANAGER	PROJECT MANAGER'S PHONE	PROJECT MANAGER'S FAX
B. SEOLAK	949-261-6441	

Item	Sample Identifier	Matrix	Date 1997	Time	Preserved	# of Cont.	QC Level	T.A.T	Analyses TO-14 CONTINGENT-HOLD								Comments QUANTERRA ANALYZE A BAG FIRST
1	18708-1058	VAPOR	5-11	0800	—	2	III	5DA	X								
2	18708-1059	VAPOR	5-11	0805	—	3	III	5DA	X								
3	18708-1060	VAPOR	5-11	0810	—	3	IV	5DA	X								
4	18708-1061	VAPOR	5-11	0815	—	2	III	24HR	X								
5	18708-1062	VAPOR	5-11	0820	—	2	III	24HR	X	X (B)							ANALYZE ONLY IF 18708-1061 IS DETECTED
6																	
7																	
8																	
9																	
10																	

CAP

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
Corey Parrish		5-11-97		

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

24SVE13
14DAYS

Sample Point Location	Sample Type G	C	F	QC
1. AMBIENT 24SVE13 14DAY	X			X
2. INFLUENT 24SVE13 14DAY	X			
3. INFLUENT 24SVE13 DUPLICATE 14DAY	X			X
4. MID POINT 24SVE13 14DAY	X			
5 EFFLUENT 24SVE13 14DAY	X			

Comments

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

IT CORPORATION

Client Sample ID: 18708-1058

GC/MS Volatiles

Lot-Sample #...: M9E110194-001 **Work Order #...:** CVMMA102 **Matrix.....:** AIR
Date Sampled...: 05/11/99 08:00 **Date Received..:** 05/11/99
Prep Date.....: 05/11/99 **Analysis Date..:** 05/11/99
Prep Batch #...: 9138294 **Analysis Time..:** 15:48
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSB
Method.....: EPA-19 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)
Acetone	ND	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)
cis-1,2-Dichloroethene	ND	2.0	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)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1058

GC/MS Volatiles

Lot-Sample #...: M9E110194-001 **Work Order #...:** CVMMA102 **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: 18708-1059

GC/MS Volatiles

Lot-Sample #...: M9E110194-002 **Work Order #...:** CVMMK103 **Matrix.....:** AIR
Date Sampled...: 05/11/99 08:05 **Date Received..:** 05/11/99
Prep Date.....: 05/11/99 **Analysis Date..:** 05/11/99
Prep Batch #...: 9138294 **Analysis Time..:** 16:15
Dilution Factor: 50
Analyst ID.....: 117760 **Instrument ID..:** MSB
Method.....: EPA-19 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	ND	100	ppb(v/v)
Carbon disulfide	ND	500	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**300**	**100**	**ppb(v/v)**
Acetone	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)
cis-1,2-Dichloroethene	ND	100	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	**560**	**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	**10000**	**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)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1059

GC/MS Volatiles

Lot-Sample #...: M9E110194-002 **Work Order #...:** CVMMK103 **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)

IT CORPORATION

Client Sample ID: 18708-1060

GC/MS Volatiles

Lot-Sample #...: M9E110194-003 **Work Order #...:** CVMMN103 **Matrix.....:** AIR
Date Sampled...: 05/11/99 08:10 **Date Received..:** 05/11/99
Prep Date.....: 05/11/99 **Analysis Date..:** 05/11/99
Prep Batch #...: 9138294 **Analysis Time..:** 16:55
Dilution Factor: 50
Analyst ID.....: 117760 **Instrument ID..:** MSB
Method.....: EPA-19 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	ND	100	ppb(v/v)
Carbon disulfide	ND	500	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**190**	**100**	**ppb(v/v)**
Acetone	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)
cis-1,2-Dichloroethene	ND	100	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	**400**	**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	**7900**	**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)

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-1060

GC/MS Volatiles

Lot-Sample #...: M9E110194-003 **Work Order #...:** CVMMN103 **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)

Quanterra Air Toxics Lab

Sample Name:	CVMN5102 OHM M9E110194-004	**Data Analyzed:**	11 May 99 14:40
Misc. Info:	500ml 18708-1061 TED. BAG	**Method:**	MSB0510
Data Name:	B1696.D	**Shift Call.File:**	CC05111.D
Data Path:	D:\GCMSB\990510\	**Dilution Factor:**	1

5/11 '99

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.17	ND	2.00
3) Chloromethane	-0.12	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	-0.06	ND	2.00
10) Carbon Disulfide	-0.04	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.02	ND	2.00
12) Acetone	-0.03	10.99 ✓	10.00
13) Methylene Chloride	0.07	ND	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane	-0.09	ND	2.00
16) Vinyl Acetate	0.03	ND	10.00
17) c-1,2-Dichloroethene	0.39	ND	2.00
18) 2-Butanone	0.05	ND	10.00
19) Chloroform	0.06	ND	2.00
20) 1,1,1-Trichloroethane	0.04	ND	2.00
21) Carbon Tetrachloride	-0.03	ND	2.00
23) Benzene	-0.02	ND	2.00
25) 1,2-Dichloroethane	0.10	ND	2.00
26) Trichloroethene	0.00	5.31 ✓	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	-0.06	ND	10.00
32) Toluene	-0.05	~~3.63~~ ND	~~2.00~~ 5.0
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	0.13	~~3.09~~ ND, AT	2.00
36) Tetrachloroethene	0.01	166.05 ✓	2.00
37) 2-Hexanone	0.05	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	0.03	ND	2.00
43) o-Xylene	0.06	ND	2.00
44) Styrene	0.05	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CVMN5102 OHM M9E110194-004	**Data Analyzed:**	05/11/99 14:40
Misc. Info:	500ml 18708-1061 TED. BAG	**Method:**	MSB0510
Data Name:	B1696.D	**Shift Call.File:**	CC05111.D
Data Path:	D:\GCMSB\990510\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	0.20	ND	2.00
48) Benzyl Chloride	0.03	ND	10.00
49) 4-Ethyl Toluene	0.08	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.04	ND	2.00
51) 1,2,4-Trimethylbenzene	0.18	ND	2.00
52) 1,3-Dichlorobenzene	0.40	ND	2.00
53) 1,4-Dichlorobenzene	0.18	ND	2.00
54) 1,2-Dichlorobenzene	-0.34	ND	2.00
55) 1,2,4-Trichlorobenzene	0.30	ND	20.00
56) Hexachlorobutadiene	-0.37	ND	4.00
MTBE		NO	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	190157	122960	OK	7.07	7.02	OK
1,4-Difluorobenzene	819058	647706	OK	8.70	8.65	OK
Chlorobenzene-d5	450437	423356	OK	14.02	13.82	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	41.35	82.7
Toluene-d8	50	46.27	92.5
4-Bromofluorobenzene	50	52.11	104.2

Comments:

Foot Notes:

1st Review: PH 5/12/99 2nd Review:

5/11/99 CUMN6182

Quanterra Air Toxics Lab

Sample Name:	~~CVMMA482~~ OHM M9E110194-004	Data Analyzed:	11 May 99 15:14
Misc. Info:	500ml 18708-1058 TED. BAG	Method:	MSB0511
Data Name:	B1697.D	Shift Call.File:	CC05111.D
Data Path:	d:\gcmsb\990510\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.06	ND	2.00
3) Chloromethane	-0.14	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		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	-0.02	ND	10.00
13) Methylene Chloride	-0.01	ND	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane	-0.07	ND	2.00
16) Vinyl Acetate	-0.32	ND	10.00
17) c-1,2-Dichloroethene	0.26	ND	2.00
18) 2-Butanone	-0.00	ND	10.00
19) Chloroform	-0.21	ND	2.00
20) 1,1,1-Trichloroethane		ND	2.00
21) Carbon Tetrachloride		ND	2.00
23) Benzene	0.01	ND	2.00
25) 1,2-Dichloroethane	-0.17	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	-0.10	ND	10.00
32) Toluene	-0.05	~~2.33~~ 2.10	~~2.00~~ 5.00
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	0.17	ND	2.00
36) Tetrachloroethene	0.01	92.68	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	0.04	ND	2.00
43) o-Xylene	0.06	ND	2.00
44) Styrene	0.06	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CVMMA102 OHM M9E110194-001	Data Analyzed:	05/11/99 15:14
Misc. Info:	500ml 18708-1058 TED. BAG	Method:	MSB0511
Data Name:	B1697.D	Shift Call.File:	CC05111.D
Data Path:	d:\gcmsb\990510\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.43	ND	2.00
48) Benzyl Chloride	0.06	ND	10.00
49) 4-Ethyl Toluene	0.13	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.05	ND	2.00
51) 1,2,4-Trimethylbenzene	0.20	ND	2.00
52) 1,3-Dichlorobenzene	0.45	ND	2.00
53) 1,4-Dichlorobenzene	0.23	ND	2.00
54) 1,2-Dichlorobenzene	-0.29	ND	2.00
55) 1,2,4-Trichlorobenzene	0.31	ND	20.00
56) Hexachlorobutadiene	-0.37	ND	4.00

MTBE ND 10

LS.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	190157	159415	OK	7.07	7.03	OK
1,4-Difluorobenzene	819058	727804	OK	8.70	8.66	OK
Chlorobenzene-d5	450437	375860	OK	14.02	13.82	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.75	93.5
Toluene-d8	50	41.73	83.5
4-Bromofluorobenzene	50	55.44	110.9

Comments:

Foot Notes:

1st Review: DAC 5/12/99 2nd Review:

IT CORPORATION

Client Sample ID: 18708-1058

GC/MS Volatiles

Lot-Sample #...: M9E110194-001 **Work Order #...:** CVMMA101 **Matrix.....:** AIR
Date Sampled...: 05/11/99 08:00 **Date Received..:** 05/11/99
Prep Date.....: 05/11/99 **Analysis Date..:** 05/11/99
Prep Batch #...: 9138296 **Analysis Time..:** 15:48
Dilution Factor: 1
Analyst ID.....: 117760 **Instrument ID..:** MSB
Method.....: EPA-19 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
Acetone	ND	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
cis-1,2-Dichloroethene	ND	0.0079	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

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IT CORPORATION

Client Sample ID: 18708-1058

GC/MS Volatiles

Lot-Sample #...: M9E110194-001 **Work Order #...:** CVMMA101 **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: 18708-1059

GC/MS Volatiles

Lot-Sample #...: M9E110194-002 **Work Order #...:** CVMMK102 **Matrix.....:** AIR
Date Sampled...: 05/11/99 08:05 **Date Received..:** 05/11/99
Prep Date.....: 05/11/99 **Analysis Date..:** 05/11/99
Prep Batch #...: 9138296 **Analysis Time..:** 16:15
Dilution Factor: 50
Analyst ID.....: 117760 **Instrument ID..:** MSB
Method.....: EPA-19 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	ND	0.40	ug/L
Carbon disulfide	ND	1.6	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.3**	**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
cis-1,2-Dichloroethene	ND	0.40	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	**3.0**	**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	**69**	**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

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IT CORPORATION

Client Sample ID: 18708-1059

GC/MS Volatiles

Lot-Sample #...: M9B110194-002 **Work Order #...:** CVMMK102 **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

IT CORPORATION

Client Sample ID: 18708-1060

GC/MS Volatiles

Lot-Sample #...: M9E110194-003 **Work Order #...:** CVMMN102 **Matrix.....:** AIR
Date Sampled...: 05/11/99 08:10 **Date Received..:** 05/11/99
Prep Date.....: 05/11/99 **Analysis Date..:** 05/11/99
Prep Batch #...: 9138296 **Analysis Time..:** 16:55
Dilution Factor: 50
Analyst ID.....: 117760 **Instrument ID..:** MSB
Method.....: EPA-19 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	ND	0.40	ug/L
Carbon disulfide	ND	1.6	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.5**	**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
cis-1,2-Dichloroethene	ND	0.40	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	**2.2**	**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	**53**	**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

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IT CORPORATION

Client Sample ID: 18708-1060

GC/MS Volatiles

Lot-Sample #...: M9E110194-003 **Work Order #...:** CVMMN102 **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

IT CORPORATION

18708-1060

GC/MS Volatiles

Lot-Sample #: M9E110194-003 **Work Order #:** CVMMN103 **Matrix:** AIR

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Unknown substituted aromatic		20	M	20.79	ppb(v/v)

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

Quanterra Air Toxics Lab

Sample Name: CVMN5102 OHM M9E110194-04 **Data Analyzed:** 11 May 99 14:40
Misc. Info: 500ml 18706-1061 TED. BAG **Method:** MSB0510
Data Name: B1696.D **Shift Cali.File:** CC05111.D
Data Path: D:\GCMSB\990510\ **Dilution Factor:** 1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.17	ND	0.0099
3)	Chloromethan	-0.12	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	-0.06	ND	0.0079
10)	Carbon Disulfide	-0.04	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	ND	0.0153
12)	Acetone	-0.03	0.0260	0.0237
13)	Methylene Chloride	0.07	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.09	ND	0.0081
16)	Vinyl Acetate	0.03	ND	0.0351
17)	c-1,2-Dichloroethene	0.39	ND	0.0079
18)	2-Butanone	0.05	ND	0.0294
19)	Chloroform	0.06	ND	0.0097
20)	1,1,1-Trichloroethane	0.04	ND	0.0109
21)	Carbon Tetrachloride	-0.03	ND	0.0126
23)	Benzene	-0.02	ND	0.0064
25)	1,2-Dichloroethane	0.10	ND	0.0081
26)	Trichloroethene	0.00	0.0285	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	-0.06	ND	0.0409
32)	Toluene	-0.05	~~0.0137~~ ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.13	~~0.0108~~ ND RF, MS	0.0109
36)	Tetrachloroethene	0.01	1.1240	0.0135
37)	2-Hexanone	0.05	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	0.03	ND	0.0087
43)	o-Xylene	0.06	ND	0.0087
44)	Styrene	0.05	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CVMN5102 OHM M9E110194-0	**Data Analyzed:**	05/11/99 14:40
Misc. Info:	500ml 18708-1061 TED. BAG	**Method:**	MSB0510
Data Name:	B1696.D	**Shift Cali.File:**	CC05111.D
Data Path:	D:\GCMSB\990510\	**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	0.03	ND	0.0518
49)	4-Ethyl Toluene	0.08	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.04	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.18	ND	0.0098
52)	1,3-Dichlorobenzene	0.40	ND	0.0120
53)	1,4-Dichlorobenzene	0.18	ND	0.0120
54)	1,2-Dichlorobenzene	-0.34	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.30	ND	0.1481
56)	Hexachlorobutadiene	-0.37	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	190157	122960	OK	7.07	7.02	OK
1,4-Difluorobenzene	819058	647706	OK	8.70	8.65	OK
Chlorobenzene-d5	450437	423355	OK	14.02	13.82	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	41.35	82.7
Toluene-d8	50	46.27	92.5
4-Bromofluorobenzene	50	52.11	104.2

Comments:

Foot Notes:

1st Review: PN 5/12/99 2nd Review

5/12/99 **Quanterra Air Toxics Lab**
CVMEMG1C2

Sample Name: ~~CVMMA102~~ OHM M9E110194-5 **Data Analyzed:** 11 May 99 15:14
Misc. Info: 500ml 18708-1062 TED. BAG **Method:** MSB0511
Data Name: b1697.d **Shift Call.File:** CC05111.D
Data Path: d:\gcmsb\990510\ **Dilution Factor:** 1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.06	ND	0.0099
3)	Chloromethan	-0.14	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		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	-0.02	ND	0.0237
13)	Methylene Chloride	-0.01	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.07	ND	0.0081
16)	Vinyl Acetate	-0.32	ND	0.0351
17)	c-1,2-Dichloroethene	0.26	ND	0.0079
18)	2-Butanone	-0.00	ND	0.0294
19)	Chloroform	-0.21	ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride		ND	0.0126
23)	Benzene	0.01	ND	0.0064
25)	1,2-Dichloroethane	-0.17	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	-0.10	ND	0.0409
32)	Toluene	-0.05	~~0.0085~~ A/a	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.17	ND	0.0109
36)	Tetrachloroethene	0.01	0.6272	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	0.04	ND	0.0087
43)	o-Xylene	0.06	ND	0.0087
44)	Styrene	0.06	ND	0.0085
45)	Bromoform		ND	0.0206

d:\gcmsb\990510\b1697.d

Sample Name:	CVMMA102 OHM M9E110194-	**Data Analyzed:**	05/11/99 15:14
Misc. Info:	500ml 18708-1062 TED. BAG	**Method:**	MSB0511
Data Name:	b1697.d	**Shift Call.File:**	CC05111.D
Data Path:	d:\gcmsb\990510\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.43	ND	0.0137
48)	Benzyl Chloride	0.06	ND	0.0518
49)	4-Ethyl Toluene	0.13	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.05	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.20	ND	0.0098
52)	1,3-Dichlorobenzene	0.45	ND	0.0120
53)	1,4-Dichlorobenzene	0.23	ND	0.0120
54)	1,2-Dichlorobenzene	-0.29	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.31	ND	0.1481
56)	Hexachlorobutadiene	-0.37	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	190157	159415	OK	7.07	7.03	OK
1,4-Difluorobenzene	819058	727804	OK	8.70	8.66	OK
Chlorobenzene-d5	450437	375850	OK	14.02	13.82	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.75	93.5
Toluene-d8	50	41.73	83.5
4-Bromofluorobenzene	50	55.44	110.9

Comments:

Foot Notes:

1st Review: PH 5/12/99 2nd Review

COMPLETED (LW 5/18

18708-0600 3301

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
222497

24SVE13 21DAYS

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: L. BIENKOWSKI	LAB COORDINATOR'S PHONE: 949-261-6441	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID:	LABORATORY CONTACT: NOEL CRUZ	MAIL REPORT (COMPANY NAME): IT GROUP
PROJECT NAME: EL TORO-DO65	PROJECT LOCATION: MCAS EL TORO	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: 714-258-0721	RECIPIENT NAME: DWAYNE ISHIDA
PROJECT CONTACT: L. BIENKOWSKI	PROJECT PHONE NUMBER: —	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. GRAND AVE	ADDRESS: 3347 MICHELSON STE 200	
PROJECT ADDRESS: MCAS EL TORO	CITY, STATE AND ZIPCODE: IRVINE CA	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: SANTA ANA CA	CITY, STATE, AND ZIPCODE: IRVINE CA.	
PROJECT MANAGER: B. SEOLAK	PROJECT MANAGER'S PHONE: 949-261-6441	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	CONTINGENT							Comments: QUANTERRA ANALYZE "A" BAG FIRST
1	18708-1077	VAPOR	5/18/99	0739	—	2	III	5DA	X								
2	18708-1078	VAPOR	5/18/99	0742	—	3	III	5DA	X								
3	18708-1079	VAPOR	5/18/99	0748	—	2	III	24HR	X								
4	18708-1080	VAPOR	5/18/99	0751	—	2	III	24HR	X	~~X~~ (B)							ANALYZE ONLY IF 18708-1079 IS DETECTED
5																	
6																	
7																	
8																	
9																	
10																	

AB 5/19/99

SAMPLES COLLECTED BY: Lisa Bienkowski

COURIER AND AIR BILL NUMBER: COURIER

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Lisa Bienkowski	[illegible]	5/18/99	1020	

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

24SVE13
21 DAY

Sample Point Location	Sample Type: G	C	F	QC
1. MONIT. 24SVE13 21DAYS	X			X
2. INFLUENT 24SVE13 21DAYS	X			
3. MID POINT 24SVE13 21DAYS	X			
4. EFFLUENT 24SVE13 21DAYS	X			

Comments

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

Quanterra Air Toxics Lab

Sample Name:	CVWMP102 OHM M9E180170-1	Date Analyzed:	18 May 99 15:18
Misc. Info:	500 ml 18706-1077 TED.BAG	Method:	MSB0518
Data Name:	B1786.D	Shift Cali.File:	CC05181.D
Data Path:	D:\GCMSB\990517\	Dilution Factor:	1

Compound	dRT	Results(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	0.00	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)	0.00	ND	2.00
9) 1,1-Dichloroethene	-0.26	ND ~~2.40~~ MS, ~~0.7~~	2.00
10) Carbon Disulfide	-0.02	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.04	ND	2.00
12) Acetone	-0.01	ND	10.00
13) Methylene Chloride	0.00	ND	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane		ND	2.00
16) Vinyl Acetate	-0.10	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone		ND	10.00
19) Chloroform	0.14	ND	2.00
20) 1,1,1-Trichloroethane	0.01	ND	2.00
21) Carbon Tetrachloride	0.04	ND	2.00
23) Benzene	0.02	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	-0.06	ND	10.00
32) Toluene	-0.09	~~2.22~~ ND	~~2.00~~ 5.0
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane		ND	2.00
36) Tetrachloroethene	0.03	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	0.01	ND	2.00
43) o-Xylene	0.07	ND	2.00
44) Styrene	0.06	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CVWMP102 OHM M9E180170-1	Data Analyzed:	05/18/99 15:16
Misc. Info:	500 ml 18708-1077 TED.BAG	Method:	MSB0518
Data Name:	B1786.D	Shift Call.File:	CC05181.D
Data Path:	D:\GCMSB\990517\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	0.02	ND	2.00
48) Benzyl Chloride	-0.03	ND	10.00
49) 4-Ethyl Toluene	0.02	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.07	ND	2.00
51) 1,2,4-Trimethylbenzene	0.04	ND	2.00
52) 1,3-Dichlorobenzene		ND	2.00
53) 1,4-Dichlorobenzene	0.21	ND	2.00
54) 1,2-Dichlorobenzene		ND	2.00
55) 1,2,4-Trichlorobenzene	-0.21	ND	20.00
56) Hexachlorobutadiene	-0.38	ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	204203	191283	OK	7.13	7.13	OK
1,4-Difluorobenzene	955898	890532	OK	8.79	8.77	OK
Chlorobenzene-d5	507359	414198	OK	14.08	13.89	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.22	106.4
Toluene-d8	50	41.63	83.3
4-Bromofluorobenzene	50	51.20	102.4

Comments:

Foot Notes:

1st Review: k V 5/19/99

2nd Review: LR 5/19/99

Quanterra Air Toxics Lab

Sample Name:	CVWMR102 OHM M9E160170-2	**Data Analyzed:**	18 May 99 15:57
Misc. Info:	7.0 ml 18706-1078 TED.BAG	**Method:**	MSB0518
Data Name:	B1787.D	**Shift Cal.File:**	CC05181.D
Data Path:	D:\GCMSB\990517\	**Dilution Factor:**	71.42

Compound	dRT	Results(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.02	ND	142.84
3) Chloromethane		ND	285.68
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	142.84
5) Vinyl Chloride		ND	142.84
6) Bromomethane		ND	142.84
7) Chloroethane		ND	285.68
8) Trichlorofluoromethane (11)		ND	142.84
9) 1,1-Dichloroethene	-0.01	ND	142.84
10) Carbon Disulfide	-0.26	ND	714.20
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	299.76 ✓	142.84
12) Acetone	-0.01	ND	714.20
13) Methylene Chloride	-0.02	ND	142.84
14) t-1,2-Dichloroethene		ND	142.84
15) 1,1-Dichloroethane		ND	142.84
16) Vinyl Acetate	0.12	ND	714.20
17) c-1,2-Dichloroethene		ND	142.84
18) 2-Butanone		ND	714.20
19) Chloroform	-0.01	ND	142.84
20) 1,1,1-Trichloroethane		ND	142.84
21) Carbon Tetrachloride	-0.01	ND	142.84
23) Benzene		ND	142.84
25) 1,2-Dichloroethane		ND	142.84
26) Trichloroethene	0.01	505.88 ✓	142.84
27) 1,2-Dichloropropane		ND	142.84
28) Bromodichloromethane		ND	142.84
29) c-1,3-Dichloropropene		ND	142.84
30) 4-Methyl-2-Pentanone	-0.01	ND	714.20
32) Toluene		ND	~~142.84~~ 357.1
34) t-1,3-Dichloropropene		ND	142.84
35) 1,1,2-Trichloroethane	0.15	ND ~~474.40~~ MSB7	142.84
36) Tetrachloroethene	0.01	11138.95 ✓	142.84
37) 2-Hexanone		ND	2142.60
38) Dibromochloromethane		ND	142.84
39) 1,2-Dibromoethane		ND	142.84
40) Chlorobenzene		ND	142.84
41) Ethylbenzene	-0.44	ND	142.84
42) p,&m-Xylene		ND	142.84
43) o-Xylene		ND	142.84
44) Styrene		ND	142.84
45) Bromoform		ND	142.84

Sample Name:	CVWMR102 OHM M9E180170-2	Date Analyzed:	05/18/99 15:57
Misc. Info:	7.0 ml 18706-1078 TED.BAG	Method:	MSB0518
Data Name:	B1787.D	Shift Cali.File:	CC05181.D
Data Path:	D:\GCMSB\990517\	Dilution Factor:	71.42

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	142.84
48)	Benzyl Chloride		ND	714.20
49)	4-Ethyl Toluene	0.45	ND	142.84
50)	1,3,5-Trimethylbenzene		ND	142.84
51)	1,2,4-Trimethylbenzene	-0.39	ND	142.84
52)	1,3-Dichlorobenzene		ND	142.84
53)	1,4-Dichlorobenzene		ND	142.84
54)	1,2-Dichlorobenzene		ND	142.84
55)	1,2,4-Trichlorobenzene		ND	1428.40
56)	Hexachlorobutadiene		ND	285.68
	MTBE		ND	714.2

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	204203	217258	OK	7.13	7.14	OK
1,4-Difluorobenzene	955996	1045951	OK	8.79	8.80	OK
Chlorobenzene-d5	507359	507656	OK	14.08	14.09	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.98	98.0
Toluene-d8	50	46.39	92.8
4-Bromofluorobenzene	50	47.79	95.6

Comments:

Foot Notes:

1st Review: L 5/19/99 2nd Review: LR 5/19/99

Quanterra Air Toxics Lab

Sample Name:	CVWMT102 OHM M9E180170-3	Date Analyzed:	18 May 99 16:24
Misc. Info:	500 ml 18706-1079 TED.BAG	Method:	MSB0518
Data Name:	B1788.D	Shift Cali.File:	CC05181.D
Data Path:	D:\GCMSB\990517\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)		ND	2.00
3) Chloromethane	0.30	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	-0.25	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	0.00	ND	10.00
13) Methylene Chloride	-0.00	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		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	0.02	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	-0.05	ND	10.00
32) Toluene	-0.08	~~2.24~~ ND	~~2.00~~ 5.0
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	0.16	ND	2.00
36) Tetrachloroethene	0.02	65.79 ✓	2.00
37) 2-Hexanone	-0.31	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene	-0.17	ND	2.00
41) Ethylbenzene	-0.02	ND	2.00
42) p,m-Xylene	-0.00	ND	2.00
43) o-Xylene	0.07	ND	2.00
44) Styrene	0.04	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CVWMT102 OHM M9E180170-3	Date Analyzed:	05/18/99 16:24
Misc. Info:	500 ml 18706-1079 TED.BAG	Method:	MSB0518
Data Name:	B1788.D	Shift Cal.File:	CC05181.D
Data Path:	D:\GCMSB\990517\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.38	ND	10.00
49) 4-Ethyl Toluene	0.03	ND	2.00
50) 1,3,5-Trimethylbenzene	0.07	ND	2.00
51) 1,2,4-Trimethylbenzene	0.00	ND	2.00
52) 1,3-Dichlorobenzene	0.39	ND	2.00
53) 1,4-Dichlorobenzene	0.24	ND	2.00
54) 1,2-Dichlorobenzene	-0.32	ND	2.00
55) 1,2,4-Trichlorobenzene	-0.25	ND	20.00
56) Hexachlorobutadiene	-0.33	ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	204203	208882	OK	7.13	7.12	OK
1,4-Difluorobenzene	955998	932978	OK	8.79	8.78	OK
Chlorobenzene-d5	507359	445318	OK	14.08	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.92	105.8
Toluene-d8	50	42.94	85.9
4-Bromofluorobenzene	50	50.38	100.8

Comments:

Foot Notes:

1st Review: LR 5/19/99 2nd Review: LR 5/19/99

Quanterra Air Toxics Lab

Sample Name:	CVWMW102 OHM M9E180170-4	Data Analyzed:	18 May 99 16:52
Misc. Info:	500 ml 18708-1060 TED.BAG	Method:	MSB0518
Data Name:	B1789.D	Shift Call.File:	CC05181.D
Data Path:	d:\gcmsb\990517\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)		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)	0.33	ND	2.00
9) 1,1-Dichloroethene	-0.29	ND	2.00
10) Carbon Disulfide	-0.04	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.02	ND	2.00
12) Acetone	-0.00	ND	10.00
13) Methylene Chloride	-0.01	ND	2.00
14) t-1,2-Dichloroethene	-0.22	ND	2.00
15) 1,1-Dichloroethane	-0.25	ND	2.00
16) Vinyl Acetate	-0.08	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	-0.00	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	-0.07	ND	10.00
32) Toluene	-0.06	~~2.36~~ ND	~~2.00~~ 5.0
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	0.14	ND	2.00
36) Tetrachloroethene	0.01	32.72	2.00
37) 2-Hexanone	-0.16	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	-0.01	ND	2.00
43) o-Xylene	0.06	ND	2.00
44) Styrene	0.07	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CVWMW102 OHM M9E180170-4	Date Analyzed:	05/18/99 16:52
Misc. Info:	500 ml 18708-1080 TED.BAG	Method:	MSB0518
Data Name:	B1789.D	Shift Cali.File:	CC05181.D
Data Path:	d:\gcmsb\990517\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	-0.30	ND	10.00
49) 4-Ethyl Toluene	0.12	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.06	ND	2.00
51) 1,2,4-Trimethylbenzene	-0.15	ND	2.00
52) 1,3-Dichlorobenzene	0.43	ND	2.00
53) 1,4-Dichlorobenzene	0.23	ND	2.00
54) 1,2-Dichlorobenzene	-0.28	ND	2.00
55) 1,2,4-Trichlorobenzene	-0.14	ND	20.00
56) Hexachlorobutadiene	-0.39	ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	204203	207358	OK	7.13	7.13	OK
1,4-Difluorobenzene	958998	919672	OK	8.79	8.76	OK
Chlorobenzene-d5	507359	431197	OK	14.06	13.90	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.71	107.4
Toluene-d8	50	42.13	84.3
4-Bromofluorobenzene	50	50.76	101.5

Comments:

Foot Notes:

1st Review: L 5/19/99 2nd Review: LR 5/19/99

Quanterra Air Toxics Lab

Sample Name:	CVWMP102 OHM M9E180170-/	**Date Analyzed:**	18 May 99 15:18
Misc. Info:	500 ml 18706-1077 TED.BAG	**Method:**	MSB0518
Data Name:	B1786.D	**Shift Cal.File:**	CC05181.D
Data Path:	D:\GCMSB\990517\	**Dilution Factor:**	1

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1	0.00	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		ND	0.0078
7) Chloroethane		ND	0.0105
8) Trichlorofluoromethane (11)	0.00	ND	0.0112
9) 1,1-Dichloroethene	-0.26	ND ~~0.0086~~ MS,AJ	0.0079
10) Carbon Disulfide	-0.02	ND	0.0311
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.04	ND	0.0153
12) Acetone	-0.01	ND	0.0237
13) Methylene Chloride	0.00	ND	0.0069
14) t-1,2-Dichloroethene		ND	0.0079
15) 1,1-Dichloroethane		ND	0.0081
16) Vinyl Acetate	-0.10	ND	0.0351
17) c-1,2-Dichloroethene		ND	0.0079
18) 2-Butanone		ND	0.0294
19) Chloroform	0.14	ND	0.0097
20) 1,1,1-Trichloroethane	0.01	ND	0.0109
21) Carbon Tetrachloride	0.04	ND	0.0126
23) Benzene	0.02	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	-0.06	ND	0.0409
32) Toluene	-0.09	~~0.0094~~ ND	~~0.0075~~ 0.0188
34) t-1,3-Dichloropropene		ND	0.0091
35) 1,1,2-Trichloroethane		ND	0.0109
36) Tetrachloroethene	0.03	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	0.01	ND	0.0087
43) o-Xylene	0.07	ND	0.0087
44) Styrene	0.06	ND	0.0085
45) Bromoform		ND	0.0206

Sample Name:	CVWMP102 OHM M9E180170-	Data Analyzed:	05/18/99 15:18
Misc. Info:	500 ml 18708-1077 TED.BAG	Method:	MS80518
Data Name:	B1786.D	Shift Cali.File:	CC05181.D
Data Path:	D:\GCMSB\990517\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.02	ND	0.0137
48)	Benzyl Chloride	-0.03	ND	0.0518
49)	4-Ethyl Toluene	0.02	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.07	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.04	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene	0.21	ND	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.21	ND	0.1481
56)	Hexachlorobutadiene	-0.38	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	204203	191283	OK	7.13	7.13	OK
1,4-Difluorobenzene	955898	890532	OK	8.79	8.77	OK
Chlorobenzene-d5	507359	414198	OK	14.08	13.89	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.22	106.4
Toluene-d8	50	41.63	83.3
4-Bromofluorobenzene	50	51.20	102.4

Comments:

Foot Notes:

1st Review: 5/19'99 2nd Review LR 5/19/99

Quanterra Air Toxics Lab

Sample Name:	CVWMR102 OHM M9E180170	Date Analyzed:	18 May 99 15:57
Misc. Info:	7.0 ml 18706-1078 TED.BAG	Method:	MSB0518
Data Name:	B1787.D	Shift Cali.File:	CC05181.D
Data Path:	D:\GCMSB\990517\	Dilution Factor:	71.42

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1	-0.02	ND	0.7049
3) Chloromethan		ND	0.5888
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	0.9985
5) Vinyl Chloride		ND	0.3644
6) Bromomethan		ND	0.5535
7) Chloroethane		ND	0.7522
8) Trichlorofluoromethane (11)		ND	0.8009
9) 1,1-Dichloroethene	-0.01	ND	0.5652
10) Carbon Disulfide	-0.26	ND	2.2197
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	2.2926 ✓	1.0924
12) Acetone	-0.01	ND	1.6934
13) Methylene Chloride	-0.02	ND	0.4952
14) t-1,2-Dichloroethene		ND	0.5652
15) 1,1-Dichloroethane		ND	0.5769
16) Vinyl Acetate	0.12	ND	2.5097
17) c-1,2-Dichloroethene		ND	0.5652
18) 2-Butanone		ND	2.1019
19) Chloroform	-0.01	ND	0.6961
20) 1,1,1-Trichloroethane		ND	0.7778
21) Carbon Tetrachloride	-0.01	ND	0.8967
23) Benzene		ND	0.4554
25) 1,2-Dichloroethane		ND	0.5769
26) Trichloroethene	0.01	2.7130 ✓	0.7661
27) 1,2-Dichloropropane		ND	0.8588
28) Bromodichloromethane		ND	0.9552
29) c-1,3-Dichloropropene		ND	0.6469
30) 4-Methyl-2-Pentanone	-0.01	ND	2.9196
32) Toluene		ND	~~0.3372~~ 1.36
34) t-1,3-Dichloropropene		ND	0.6469
35) 1,1,2-Trichloroethane	0.15	ND ~~0.9496~~ MS,RT	0.7778
36) Tetrachloroethene	0.01	75.3996 ✓	0.9669
37) 2-Hexanone		ND	8.7589
38) Dibromochloromethane		ND	1.2144
39) 1,2-Dibromoethane		ND	1.0953
40) Chlorobenzene		ND	0.6562
41) Ethylbenzene	-0.44	ND	0.6189
42) p,&m-Xylene		ND	0.6189
43) o-Xylene		ND	0.6189
44) Styrene		ND	0.6072
45) Bromoform		ND	1.4735

Sample Name:	CVWMR102 OHM M9E180170-	Data Analyzed:	05/18/99 15:57
Misc. Info:	7.0 ml 18708-1078 TED.BAG	Method:	MSB0518
Data Name:	B1787.D	Shift Call.File:	CC05181.D
Data Path:	D:\GCMSB\990517\	Dilution Factor:	71.42

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.9786
48)	Benzyl Chloride		ND	3.6967
49)	4-Ethyl Toluene	0.45	ND	0.7008
50)	1,3,5-Trimethylbenzene		ND	0.7008
51)	1,2,4-Trimethylbenzene	-0.39	ND	0.7008
52)	1,3-Dichlorobenzene		ND	0.8570
53)	1,4-Dichlorobenzene		ND	0.8570
54)	1,2-Dichlorobenzene		ND	0.8570
55)	1,2,4-Trichlorobenzene		ND	10.5787
56)	Hexachlorobutadiene		ND	3.0406

MTBE ND 2.571

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	204203	217256	OK	7.13	7.14	OK
1,4-Difluorobenzene	955998	1045951	OK	8.79	8.80	OK
Chlorobenzene-d5	507359	507656	OK	14.08	14.09	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.98	98.0
Toluene-d8	50	46.39	92.8
4-Bromofluorobenzene	50	47.79	95.6

Comments:

Foot Notes:

1st Review: 5/19/99 2nd Review Lynda Roy 5/19/99

Quanterra Air Toxics Lab

Sample Name:	CVWMT102 OHM M9E180170-3	Data Analyzed:	18 May 99 16:24
Misc. Info:	500 ml 18706-1079 TED.BAG	Method:	MSB0518
Data Name:	B1788.D	Shift Cal.File:	CC05181.D
Data Path:	D:\GCMSB\990517\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	0.0099
3)	Chloromethan	0.30	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)	0.00	ND	0.0112
9)	1,1-Dichloroethene	-0.25	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	0.00	ND	0.0237
13)	Methylene Chloride	-0.00	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		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	0.02	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	-0.05	ND	0.0409
32)	Toluene	-0.08	~~0.0083~~ ND	~~0.0075~~ 0.0188
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.16	ND	0.0109
36)	Tetrachloroethene	0.02	0.4454 ✓	0.0135
37)	2-Hexanone	-0.31	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene	-0.17	ND	0.0092
41)	Ethylbenzene	-0.02	ND	0.0087
42)	p,m-Xylene	-0.00	ND	0.0087
43)	o-Xylene	0.07	ND	0.0087
44)	Styrene	0.04	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CVWMT102 OHM M9E180170-	Date Analyzed:	05/18/99 16:24
Misc. Info:	500 ml 18708-1079 TED.BAG	Method:	MSB0518
Data Name:	B1788.D	Shift Cal.File:	CC05181.D
Data Path:	D:\GCMSB\990517\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.38	ND	0.0518
49)	4-Ethyl Toluene	0.03	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.07	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.00	ND	0.0098
52)	1,3-Dichlorobenzene	0.39	ND	0.0120
53)	1,4-Dichlorobenzene	0.24	ND	0.0120
54)	1,2-Dichlorobenzene	-0.32	ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.25	ND	0.1481
56)	Hexachlorobutadiene	-0.33	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	204203	208862	OK	7.13	7.12	OK
1,4-Difluorobenzene	955898	932978	OK	8.79	8.76	OK
Chlorobenzene-d5	507359	445318	OK	14.08	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.92	105.8
Toluene-d8	50	42.94	85.9
4-Bromofluorobenzene	50	50.38	100.8

Comments:

Foot Notes:

1st Review: 5/19/99 2nd Review LR 5/19/99

Quanterra Air Toxics Lab

Sample Name:	CVWMW102 OHM M9E180170	Data Analyzed:	18 May 99 16:52
Misc. Info:	500 ml 15706-1060 TED.BAG	Method:	MSB0518
Data Name:	B1789.D	Shift Cal.File:	CC05181.D
Data Path:	d:\gcmsb\990517\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	0.0099
3)	Chloromethan		ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0061
6)	Bromomethan		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.33	ND	0.0112
9)	1,1-Dichloroethene	-0.29	ND	0.0079
10)	Carbon Disulfide	-0.04	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	ND	0.0153
12)	Acetone	-0.00	ND	0.0237
13)	Methylene Chloride	-0.01	ND	0.0069
14)	t-1,2-Dichloroethene	-0.22	ND	0.0079
15)	1,1-Dichloroethane	-0.25	ND	0.0081
16)	Vinyl Acetate	-0.06	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	-0.00	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	-0.07	ND	0.0409
32)	Toluene	-0.06	~~0.0088~~ ND	~~0.0075~~ 0.0188
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.14	ND	0.0109
36)	Tetrachloroethene	0.01	0.2215 ✓	0.0135
37)	2-Hexanone	-0.16	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	-0.01	ND	0.0087
43)	o-Xylene	0.05	ND	0.0087
44)	Styrene	0.07	ND	0.0085
45)	Bromoform		ND	0.0206

D:\GCMSB\990517\B1789.D

Sample Name:	CVWMW102 OHM M9E180170-	Date Analyzed:	05/18/99 18:52
Misc. Info:	500 ml 18708-1080 TED.BAG	Method:	MSB0518
Data Name:	B1789.D	Shift Call.File:	CC05181.D
Data Path:	d:\gcmsb\990517\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	-0.30	ND	0.0518
49)	4-Ethyl Toluene	0.12	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.06	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.15	ND	0.0098
52)	1,3-Dichlorobenzene	0.43	ND	0.0120
53)	1,4-Dichlorobenzene	0.23	ND	0.0120
54)	1,2-Dichlorobenzene	-0.26	ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.14	ND	0.1481
56)	Hexachlorobutadiene	-0.39	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	204203	207358	OK	7.13	7.13	OK
1,4-Difluorobenzene	955996	919672	OK	8.79	8.76	OK
Chlorobenzene-d5	507359	431197	OK	14.08	13.90	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.71	107.4
Toluene-d8	50	42.13	84.3
4-Bromofluorobenzene	50	50.76	101.5

Comments:

Foot Notes:

1st Review: 5/19/99 2nd Review LR 5/19/99

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

218430

24SVE13 - 28 days

FORM 0019 REV. 2-97

06003301

OHM's LAB COORDINATOR: L. Bienkowski	LAB COORDINATOR'S PHONE: (949) 660-7537	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: M9250225	LABORATORY CONTACT: Quanterra	MAIL REPORT (COMPANY NAME): IT
PROJECT NAME: El Toro - DO 65	PROJECT LOCATION: MCAS El Toro -	PROJECT NUMBER: 18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX: —	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: L. Bienkowski	PROJECT PHONE NUMBER: (949) 451-1066	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. Grand		ADDRESS: 3347 Michelson
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Irvine, CA		CITY, STATE AND ZIPCODE: Irvine, CA
PROJECT MANAGER: B. Sedlak	PROJECT MANAGER'S PHONE: (949) 261-1664	PROJECT MANAGER'S FAX: —			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14								Comments
1	18708-1105	vapor	5/25/99	0746	—	2	3	5 day	X								Analyze "A" Bag First
2	18708-1106	vapor	5/25/99	0750	—	3	~~4~~ 3	5 day	X								
3	18708-1107	vapor	5/25/99	0755	—	2	~~3~~ 4	5 day	X								
4	18708-1108	vapor	5/25/99	0800	—	2	3	24 hr	X								
5	18708-1109	vapor	5/25/99	0805	—	2	3	24 hr	X	X							Analyze only if 18708-1108 is detected
6																	
7																	
8																	
9																	
10																	

SAMPLES COLLECTED BY: Lin Bienkowski	COURIER AND AIR BILL NUMBER: COURIER			COOLER TEMPERATURE UPON RECEIPT:
RELINQUISHED BY: Lin Bienkowski	RECEIVED BY: Dr. Gonzal	DATE: 5/25/99	TIME: 1307	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

24SVE13
28 days

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE13 - Ambient 28 days				X
2. 24SVE13 - Influent 28 days	X			
3. 24SVE13 - Influent (DUP) 28 days	X			X
4. 24SVE13 - Midpoint 28 days	X			
5. 24SVE13 - Effluent 28 days	X			

Comments

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

Quanterra Air Toxics Lab

Sample Name:	CW7TE102 OHM M9250255-1	**Data Analyzed:**	25 May 99 16:29
Misc. Info:	500 ml 18708-1105 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1867.D	**Shift Cali.File:**	CC05251.D
Data Path:	D:\GCMSB\990524\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.00	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	0.01	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	0.01	ND	10.00
13) Methylene Chloride	-0.00	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		ND	10.00
19) Chloroform		ND	2.00
20) 1,1,1-Trichloroethane	0.05	ND	2.00
21) Carbon Tetrachloride		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	0.02	ND	2.00
29) c-1,3-Dichloropropene		ND	2.00
30) 4-Methyl-2-Pentanone	-0.04	ND	10.00
32) Toluene	-0.07	ND	2.00
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	-0.33	ND	30.00
38) Dibromochloromethane	-0.48	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	ND	2.00
43) o-Xylene	0.03	ND	2.00
44) Styrene	0.05	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CW7TE102 OHM M9250255-1	**Data Analyzed:**	05/25/99 16:29
Misc. Info:	500 ml 18708-1105 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1867.D	**Shift Cal.File:**	CC05251.D
Data Path:	D:\GCMSB\990524\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	-0.01	ND	10.00
49) 4-Ethyl Toluene	0.07	ND	2.00
50) 1,3,5-Trimethylbenzene	0.03	ND	2.00
51) 1,2,4-Trimethylbenzene	-0.01	ND	2.00
52) 1,3-Dichlorobenzene	0.39	ND	2.00
53) 1,4-Dichlorobenzene	0.19	ND	2.00
54) 1,2-Dichlorobenzene	-0.32	ND	2.00
55) 1,2,4-Trichlorobenzene	0.27	ND	20.00
56) Hexachlorobutadiene	-0.36	ND	4.00
MTBE		ND	10.00

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	219765	213553	OK	7.14	7.10	OK
1,4-Difluorobenzene	961672	879314	OK	8.78	8.74	OK
Chlorobenzene-d5	521836	441893	OK	14.09	13.93	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.86	103.7
Toluene-d8	50	41.86	83.7
4-Bromofluorobenzene	50	52.88	105.8

Comments:

Foot Notes:

1st Review: AA 5/26/99

2nd Review:

MAY 26'99 14:22 FR 714 258 0921 TO IT GROUP IRVINE P.04

Quanterra Air Toxics Lab

Sample Name:	CW7TF102 OHM M9250255-2	**Data Analyzed:**	25 May 99 17:53
Misc. Info:	10 ml 18708-1106 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1870.D	**Shift Call.File:**	CC05251.D
Data Path:	D:\GCMSB\990524\	**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	0.24	ND	100.00
7) Chloroethane		ND	200.00
8) Trichlorofluoromethane (11)		ND	100.00
9) 1,1-Dichloroethene	-0.01	ND	100.00
10) Carbon Disulfide		ND	500.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	274.09	100.00
12) Acetone	0.04	ND	500.00
13) Methylene Chloride	-0.02	ND	100.00
14) t-1,2-Dichloroethene		ND	100.00
15) 1,1-Dichloroethane		ND	100.00
16) Vinyl Acetate	0.03	ND	500.00
17) c-1,2-Dichloroethene		ND	100.00
18) 2-Butanone		ND	500.00
19) Chloroform	0.00	ND	100.00
20) 1,1,1-Trichloroethane		ND	100.00
21) Carbon Tetrachloride	-0.02	ND	100.00
23) Benzene		ND	100.00
25) 1,2-Dichloroethane		ND	100.00
26) Trichloroethene	0.01	431.03	100.00
27) 1,2-Dichloropropane		ND	100.00
28) Bromodichloromethane		ND	100.00
29) c-1,3-Dichloropropene	0.43	ND	100.00
30) 4-Methyl-2-Pentanone	-0.02	ND	500.00
32) Toluene		ND	100.00
34) t-1,3-Dichloropropene		ND	100.00
35) 1,1,2-Trichloroethane	0.15	144.30	100.00
36) Tetrachloroethene	-0.01	8776.57	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	0.30	ND	100.00
42) p,&m-Xylene		ND	100.00
43) o-Xylene		ND	100.00
44) Styrene		ND	100.00
45) Bromoform		ND	100.00

Sample Name:	CW7TF102 OHM M9250255-2	**Data Analyzed:**	05/25/99 17:53
Misc. Info:	10 ml 18708-1106 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1870.D	**Shift Call.File:**	CC05251.D
Data Path:	D:\GCMSB\990524\	**Dilution Factor:**	50

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	100.00
48)	Benzyl Chloride	0.38	ND	500.00
49)	4-Ethyl Toluene		ND	100.00
50)	1,3,5-Trimethylbenzene		ND	100.00
51)	1,2,4-Trimethylbenzene		ND	100.00
52)	1,3-Dichlorobenzene		ND	100.00
53)	1,4-Dichlorobenzene		ND	100.00
54)	1,2-Dichlorobenzene		ND	100.00
55)	1,2,4-Trichlorobenzene	-0.31	ND	1000.00
56)	Hexachlorobutadiene		ND	200.00
	MTBE		ND	500.00

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	219765	236085	OK	7.14	7.11	OK
1,4-Difluorobenzene	961672	1028318	OK	8.78	8.78	OK
Chlorobenzene-d5	521836	465561	OK	14.09	14.08	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.93	99.9
Toluene-d8	50	41.52	83.0
4-Bromofluorobenzene	50	44.93	89.9

Comments:

Foot Notes:

1st Review: KK 5/26/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CW7TW102 OHM M9250255-3	**Data Analyzed:**	25 May 99 18:52
Misc. Info:	15ml 18708-1107 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1872.D	**Shift Cali.File:**	CC05251.D
Data Path:	D:\GCMSB\990524\	**Dilution Factor:**	33.33

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)		ND	66.66
3) Chloromethane		ND	133.32
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	66.66
5) Vinyl Chloride		ND	66.66
6) Bromomethane	0.00	ND	66.66
7) Chloroethane		ND	133.32
8) Trichlorofluoromethane (11)		ND	66.66
9) 1,1-Dichloroethene	0.01	ND	66.66
10) Carbon Disulfide		ND	333.30
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.00	342.11	66.66
12) Acetone	0.12	ND	333.30
13) Methylene Chloride	0.01	ND	66.66
14) t-1,2-Dichloroethene		ND	66.66
15) 1,1-Dichloroethane		ND	66.66
16) Vinyl Acetate	0.26	ND	333.30
17) c-1,2-Dichloroethene		ND	66.66
18) 2-Butanone		ND	333.30
19) Chloroform	0.08	ND	66.66
20) 1,1,1-Trichloroethane		ND	66.66
21) Carbon Tetrachloride	0.02	ND	66.66
23) Benzene		ND	66.66
25) 1,2-Dichloroethane		ND	66.66
26) Trichloroethene	0.01	558.14	66.66
27) 1,2-Dichloropropane		ND	66.66
28) Bromodichloromethane		ND	66.66
29) c-1,3-Dichloropropene		ND	66.66
30) 4-Methyl-2-Pentanone	-0.03	ND	333.30
32) Toluene		ND	66.66
34) t-1,3-Dichloropropene		ND	66.66
35) 1,1,2-Trichloroethane	0.15	173.15	66.66
36) Tetrachloroethene	-0.00	10743.19	66.66
37) 2-Hexanone		ND	999.90
38) Dibromochloromethane		ND	66.66
39) 1,2-Dibromoethane		ND	66.66
40) Chlorobenzene		ND	66.66
41) Ethylbenzene	-0.45	ND	66.66
42) p,&m-Xylene		ND	66.66
43) o-Xylene		ND	66.66
44) Styrene		ND	66.66
45) Bromoform		ND	66.66

MAY 26'99 14:22 FR 714 258 0921 TO IT GROUP IRVINE P.07

Sample Name:	CW7TW102 OHM M9250255-3	Data Analyzed:	05/25/99 18:52
Misc. Info:	15ml 18708-1107 TEDLAR BAG	Method:	MSB0525
Data Name:	B1872.D	Shift Call.File:	CC05251.D
Data Path:	D:\GCMSB\990524\	Dilution Factor:	33.33

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	66.66
48) Benzyl Chloride		ND	333.30
49) 4-Ethyl Toluene	0.45	ND	66.66
50) 1,3,5-Trimethylbenzene	0.29	ND	66.66
51) 1,2,4-Trimethylbenzene		ND	66.66
52) 1,3-Dichlorobenzene		ND	66.66
53) 1,4-Dichlorobenzene		ND	66.66
54) 1,2-Dichlorobenzene		ND	66.66
55) 1,2,4-Trichlorobenzene		ND	666.60
56) Hexachlorobutadiene		ND	133.32
MTBE		ND	333.3

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	219765	252405	OK	7.14	7.10	OK
1,4-Difluorobenzene	961672	1091608	OK	8.78	8.78	OK
Chlorobenzene-d5	521836	485925	OK	14.09	14.08	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.13	96.3
Toluene-d8	50	40.66	81.3
4-Bromofluorobenzene	50	45.72	91.4

Comments:

Foot Notes:

1st Review: KA 5/26/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CW7TH102 OHM M9250265-4	**Data Analyzed:**	25 May 99 16:56
Misc. Info:	500 ml 18708-1108 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1868.D	**Shift Call.File:**	CC05251.D
Data Path:	d:\gcmsb\990524\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	0.01	ND	2.00
3)	Chloromethane	-0.04	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	0.14	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	-0.01	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	ND	2.00
12)	Acetone	0.01	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
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone		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	0.02	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	0.13	ND	2.00
29)	c-1,3-Dichloropropene		ND	2.00
30)	4-Methyl-2-Pentanone	-0.06	ND	10.00
32)	Toluene	-0.07	ND	2.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.08	ND	2.00
36)	Tetrachloroethene	-0.03	62.39	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	-0.01	ND	2.00
43)	o-Xylene	0.05	ND	2.00
44)	Styrene	0.01	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CW7TH102 OHM M9250255-4	Data Analyzed:	05/25/99 16:56
Misc. Info:	500 ml 18708-1108 TEDLAR BAG	Method:	MSB0525
Data Name:	B1868.D	Shift Call.File:	CC05251.D
Data Path:	d:\gcmsb\990524\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.50	ND	2.00
48) Benzyl Chloride	-0.12	ND	10.00
49) 4-Ethyl Toluene	0.02	ND	2.00
50) 1,3,5-Trimethylbenzene	0.00	ND	2.00
51) 1,2,4-Trimethylbenzene	-0.04	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	-0.29	ND	20.00
56) Hexachlorobutadiene	-0.46	ND	4.00
MTBE		ND	10.00

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	219765	222739	OK	7.14	7.10	OK
1,4-Difluorobenzene	961672	895695	OK	8.78	8.75	OK
Chlorobenzene-d5	521838	399915	OK	14.09	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.61	103.2
Toluene-d8	50	41.43	82.9
4-Bromofluorobenzene	50	48.81	97.6

Comments:

Foot Notes:

1st Review: KA 5/26/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CW7TJ102 OHM M9250285-5	**Data Analyzed:**	25 May 99 18:24
Misc. Info:	500 ml 18708-1109 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1871.D	**Shift Call.File:**	CC05251.D
Data Path:	D:\GCMSB\990524\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	0.01	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)	-0.01	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	0.01	ND	10.00
13) Methylene Chloride	-0.02	ND	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane	-0.10	ND	2.00
16) Vinyl Acetate	0.38	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		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	-0.03	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
34) t-1,3-Dichloropropene	0.21	ND	2.00
35) 1,1,2-Trichloroethane	0.13	ND	2.00
36) Tetrachloroethene	-0.01	45.01	2.00
37) 2-Hexanone	-0.26	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	ND	2.00
43) o-Xylene	0.01	ND	2.00
44) Styrene	0.07	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CW7TJ102 OHM M9250255-5	**Data Analyzed:**	05/25/99 18:24
Misc. Info:	500 ml 18708-1109 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1871.D	**Shift Call.File:**	CC05251.D
Data Path:	D:\GCMSB\990524\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.39	ND	2.00
48) Benzyl Chloride		ND	10.00
49) 4-Ethyl Toluene	0.10	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.06	ND	2.00
51) 1,2,4-Trimethylbenzene	0.18	ND	2.00
52) 1,3-Dichlorobenzene	0.42	ND	2.00
53) 1,4-Dichlorobenzene	0.21	ND	2.00
54) 1,2-Dichlorobenzene	-0.24	ND	2.00
55) 1,2,4-Trichlorobenzene	-0.21	ND	20.00
56) Hexachlorobutadiene	-0.39	ND	4.00
MTBE		NO	10.0

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	219765	237854	OK	7.14	7.07	OK
1,4-Difluorobenzene	961672	953729	OK	8.78	8.72	OK
Chlorobenzene-d5	521836	429329	OK	14.09	13.89	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.79	105.6
Toluene-d8	50	41.93	83.9
4-Bromofluorobenzene	50	53.00	106.0

Comments:

Foot Notes:

1st Review: AA 5/26/99

2nd Review:

MAY 26'99 14:24 FR 714 258 0921 TO 11 GROUP IRVINE P.12

Quanterra Air Toxics Lab

Sample Name:	CW7TE102 OHM M9250255-1	**Data Analyzed:**	25 May 99 16:29
Misc. Info:	500 ml 18708-1105 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1867.D	**Shift Call.File:**	CC05251.D
Data Path:	d:\gcmsb\990524\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.00	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	0.01	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	0.01	ND	0.0237
13)	Methylene Chloride	-0.00	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethene		ND	0.0081
16)	Vinyl Acetate	0.03	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	0.05	ND	0.0109
21)	Carbon Tetrachloride		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	0.02	ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	-0.04	ND	0.0409
32)	Toluene	-0.07	ND	0.0075
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	-0.33	ND	0.1226
38)	Dibromochloromethane	-0.48	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	ND	0.0087
43)	o-Xylene	0.03	ND	0.0087
44)	Styrene	0.05	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CW7TE102 OHM M9250255-1	**Data Analyzed:**	05/25/99 16:29
Misc. Info:	500 ml 18708-1105 TEDLAR B	**Method:**	MSB0525
Data Name:	B1867.D	**Shift Call.File:**	CC05251.D
Data Path:	d:\gcmsb\990524\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	-0.01	ND	0.0518
49)	4-Ethyl Toluene	0.07	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.03	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.01	ND	0.0098
52)	1,3-Dichlorobenzene	0.39	ND	0.0120
53)	1,4-Dichlorobenzene	0.19	ND	0.0120
54)	1,2-Dichlorobenzene	-0.32	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.27	ND	0.1481
56)	Hexachlorobutadiene	-0.36	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	219765	213553	OK	7.14	7.10	OK
1,4-Difluorobenzene	961672	879314	OK	8.78	8.74	OK
Chlorobenzene-d5	521836	441893	OK	14.09	13.93	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.86	103.7
Toluene-d8	50	41.86	83.7
4-Bromofluorobenzene	50	52.88	105.8

Comments:

Foot Notes:

1st Review: AB 5/26/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CW7TF102 OHM M9250295-2	Data Analyzed:	25 May 99 17:53
Misc. Info:	10 ml 18708-1106 TEDLAR BAG	Method:	MSB0525
Data Name:	B1870.D	Shift Call.File:	CC05251.D
Data Path:	d:\gcmsb\990524\	Dilution Factor:	50

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1		ND	0.4935
3) Chloromethan		ND	0.4122
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	0.6976
5) Vinyl Chloride		ND	0.2551
6) Bromomethan	0.24	ND	0.3875
7) Chloroethane		ND	0.5266
8) Trichlorofluoromethane (11)		ND	0.5807
9) 1,1-Dichloroethene	-0.01	ND	0.3957
10) Carbon Disulfide		ND	1.5540
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	2.0963	0.7648
12) Acetone	0.04	ND	1.1855
13) Methylene Chloride	-0.02	ND	0.3467
14) t-1,2-Dichloroethene		ND	0.3957
15) 1,1-Dichloroethane		ND	0.4039
16) Vinyl Acetate	0.03	ND	1.7570
17) c-1,2-Dichloroethene		ND	0.3957
18) 2-Butanone		ND	1.4715
19) Chloroform	0.00	ND	0.4873
20) 1,1,1-Trichloroethane		ND	0.5445
21) Carbon Tetrachloride	-0.02	ND	0.6278
23) Benzene		ND	0.3188
25) 1,2-Dichloroethane		ND	0.4039
26) Trichloroethene	0.01	2.3116	0.5363
27) 1,2-Dichloropropane		ND	0.4612
28) Bromodichloromethane		ND	0.6687
29) c-1,3-Dichloropropene	0.43	ND	0.4529
30) 4-Methyl-2-Pentanone	-0.02	ND	2.0440
32) Toluene		ND	0.3761
34) t-1,3-Dichloropropene		ND	0.4529
35) 1,1,2-Trichloroethane	0.15	0.7857	0.5445
36) Tetrachloroethene	-0.01	59.4086	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	0.30	ND	0.4333
42) p,&m-Xylene		ND	0.4333
43) o-Xylene		ND	0.4333
44) Styrene		ND	0.4251
45) Bromoform		ND	1.0316

Sample Name:	CW7TF102 OHM M9250255-2	**Data Analyzed:**	05/25/99 17:53
Misc. Info:	10 ml 18708-1106 TEDLAR BA	**Method:**	MSB0525
Data Name:	B1870.D	**Shift Call.File:**	CC05251.D
Data Path:	d:\gcmsb\990524\	**Dilution Factor:**	50

Compound	dRT	Result(ug/L)	RL(ug/L)
47) 1,1,2,2-Tetrachloroethane		ND	0.6851
48) Benzyl Chloride	0.38	ND	2.5880
49) 4-Ethyl Toluene		ND	0.4906
50) 1,3,5-Trimethylbenzene		ND	0.4906
51) 1,2,4-Trimethylbenzene		ND	0.4906
52) 1,3-Dichlorobenzene		ND	0.6000
53) 1,4-Dichlorobenzene		ND	0.6000
54) 1,2-Dichlorobenzene		ND	0.6000
55) 1,2,4-Trichlorobenzene	-0.31	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	219765	236085	OK	7.14	7.11	OK
1,4-Difluorobenzene	961672	1028318	OK	8.78	8.78	OK
Chlorobenzene-d5	521836	465561	OK	14.09	14.08	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.93	99.9
Toluene-d8	50	41.52	83.0
4-Bromofluorobenzene	50	44.93	89.9

Comments:

Foot Notes:

1st Review: 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CW7TW102 OHM M9250235-3	**Data Analyzed:**	25 May 99 18:52
Misc. Info:	15ml 18708-1107 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1872.D	**Shift Cal.File:**	CC05251.D
Data Path:	d:\gcmsb\990524\	**Dilution Factor:**	33.33

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	0.3290
3)	Chloromethan		ND	0.2748
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.4650
5)	Vinyl Chloride		ND	0.1700
6)	Bromomethan	0.00	ND	0.2583
7)	Chloroethane		ND	0.3510
8)	Trichlorofluoromethane (11)		ND	0.3738
9)	1,1-Dichloroethene	0.01	ND	0.2638
10)	Carbon Disulfide		ND	1.0359
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	2.6164	0.5098
12)	Acetone	0.12	ND	0.7903
13)	Methylene Chloride	0.01	ND	0.2311
14)	t-1,2-Dichloroethene		ND	0.2638
15)	1,1-Dichloroethane		ND	0.2692
16)	Vinyl Acetate	0.26	ND	1.1712
17)	c-1,2-Dichloroethene		ND	0.2638
18)	2-Butanone		ND	0.9809
19)	Chloroform	0.08	ND	0.3248
20)	1,1,1-Trichloroethane		ND	0.3630
21)	Carbon Tetrachloride	0.02	ND	0.4185
23)	Benzene		ND	0.2125
25)	1,2-Dichloroethane		ND	0.2692
26)	Trichloroethene	0.01	2.9933	0.3575
27)	1,2-Dichloropropane		ND	0.3074
28)	Bromodichloromethane		ND	0.4458
29)	c-1,3-Dichloropropene		ND	0.3019
30)	4-Methyl-2-Pentanone	-0.03	ND	1.3625
32)	Toluene		ND	0.2507
34)	t-1,3-Dichloropropene		ND	0.3019
35)	1,1,2-Trichloroethane	0.15	0.9428	0.3630
36)	Tetrachloroethene	-0.00	72.7207	0.4512
37)	2-Hexanone		ND	4.0876
38)	Dibromochloromethane		ND	0.5667
39)	1,2-Dibromoethane		ND	0.5111
40)	Chlorobenzene		ND	0.3062
41)	Ethylbenzene	-0.45	ND	0.2888
42)	p,&m-Xylene		ND	0.2888
43)	o-Xylene		ND	0.2888
44)	Styrene		ND	0.2834
45)	Bromoform		ND	0.6877

Sample Name:	CW7TW102 OHM M9250255-3	**Data Analyzed:**	05/25/99 18:52
Misc. Info:	15ml 18708-1107 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1872.D	**Shift Call.File:**	CC05251.D
Data Path:	d:\gcmsb\990524\	**Dilution Factor:**	33.33

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.4567
48)	Benzyl Chloride		ND	1.7252
49)	4-Ethyl Toluene	0.45	ND	0.3270
50)	1,3,5-Trimethylbenzene	0.29	ND	0.3270
51)	1,2,4-Trimethylbenzene		ND	0.3270
52)	1,3-Dichlorobenzene		ND	0.4000
53)	1,4-Dichlorobenzene		ND	0.4000
54)	1,2-Dichlorobenzene		ND	0.4000
55)	1,2,4-Trichlorobenzene		ND	4.9368
56)	Hexachlorobutadiene		ND	1.4189
	MTBE		ND	1.199

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	219765	252405	OK	7.14	7.10	OK
1,4-Difluorobenzene	961672	1091608	OK	8.78	8.78	OK
Chlorobenzene-d5	521836	485925	OK	14.09	14.08	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.13	96.3
Toluene-d8	50	40.66	81.3
4-Bromofluorobenzene	50	45.72	91.4

Comments:

Foot Notes:

1st Review: 5/26/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CW7TH102 OHM M9250255-4	**Data Analyzed:**	25 May 99 16:56
Misc. Info:	500 ml 18708-1108 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1868.D	**Shift Call.File:**	CC05251.D
Data Path:	d:\gcmsb\990524\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	0.01	ND	0.0099
3)	Chloromethan	-0.04	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	0.14	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	-0.01	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	ND	0.0153
12)	Acetone	0.01	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		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	0.02	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	0.13	ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	-0.06	ND	0.0409
32)	Toluene	-0.07	ND	0.0075
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.08	ND	0.0109
36)	Tetrachloroethene	-0.03	0.4223	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	-0.01	ND	0.0087
43)	o-Xylene	0.05	ND	0.0087
44)	Styrene	0.01	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CW7TH102 OHM M9250255-4	**Data Analyzed:**	05/25/99 16:56
Misc. Info:	500 ml 18708-1108 TEDLAR B	**Method:**	MSB0525
Data Name:	B1868.D	**Shift Call.File:**	CC05251.D
Data Path:	d:\gcmsb\990524\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.50	ND	0.0137
48)	Benzyl Chloride	-0.12	ND	0.0518
49)	4-Ethyl Toluene	0.02	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.00	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.04	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	-0.29	ND	0.1481
56)	Hexachlorobutadiene	-0.46	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	219765	222739	OK	7.14	7.10	OK
1,4-Difluorobenzene	961672	895695	OK	8.78	8.75	OK
Chlorobenzene-d5	521836	399915	OK	14.09	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.61	103.2
Toluene-d8	50	41.43	82.9
4-Bromofluorobenzene	50	48.81	97.6

Comments:

Foot Notes:

1st Review: 5/26/99 2nd Review

MAY 26 99 14:25 FR 714 258 0921 TO 11 GROUP IRVINE P.20

Quanterra Air Toxics Lab

Sample Name:	CW7TJ102 OHM M9250295-5	**Data Analyzed:**	25 May 99 18:24
Misc. Info:	500 ml 18708-1109 TEDLAR BAG	**Method:**	MSB0525
Data Name:	B1871.D	**Shift Call.File:**	CC05251.D
Data Path:	d:\gcmsb\990524\	**Dilution Factor:**	1

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1	0.01	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)	-0.01	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	0.01	ND	0.0237
13) Methylene Chloride	-0.02	ND	0.0069
14) t-1,2-Dichloroethene		ND	0.0079
15) 1,1-Dichloroethane	-0.10	ND	0.0081
16) Vinyl Acetate	0.38	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		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	-0.03	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
34) t-1,3-Dichloropropene	0.21	ND	0.0091
35) 1,1,2-Trichloroethane	0.13	ND	0.0109
36) Tetrachloroethene	-0.01	0.3047	0.0135
37) 2-Hexanone	-0.26	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	ND	0.0087
43) o-Xylene	0.01	ND	0.0087
44) Styrene	0.07	ND	0.0085
45) Bromoform		ND	0.0206

Sample Name:	CW7TJ102 OHM M9250255-5	**Data Analyzed:**	05/25/99 18:24
Misc. Info:	500 ml 18708-1109 TEDLAR B	**Method:**	MSB0525
Data Name:	B1871.D	**Shift Call.File:**	CC05251.D
Data Path:	d:\gcmsb\990524\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.39	ND	0.0137
48)	Benzyl Chloride		ND	0.0518
49)	4-Ethyl Toluene	0.10	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.06	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.18	ND	0.0098
52)	1,3-Dichlorobenzene	0.42	ND	0.0120
53)	1,4-Dichlorobenzene	0.21	ND	0.0120
54)	1,2-Dichlorobenzene	-0.24	ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.21	ND	0.1481
56)	Hexachlorobutadiene	-0.39	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	219765	237854	OK	7.14	7.07	OK
1,4-Difluorobenzene	961672	953729	OK	8.78	8.72	OK
Chlorobenzene-d5	521836	429329	OK	14.09	13.89	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.79	105.6
Toluene-d8	50	41.93	83.9
4-Bromofluorobenzene	50	53.00	106.0

Comments:

Foot Notes:

1st Review: AA 5/26/99 2nd Review

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
222521
FORM 0019 REV. 2-97

24 SVE 13-35 DAYS

OHM's LAB COORDINATOR: L. BIENKOWSKI	LAB COORDINATOR'S PHONE: 949-660-7537	LAB COORDINATOR'S FAX: (949) 475 5433	LABORATORY SERVICE ID: M9F010159	LABORATORY CONTACT: QUAN TERRY	MAIL REPORT (COMPANY NAME): DWAYNE ISHIDA
PROJECT NAME: EL TORO, CA	PROJECT LOCATION: MCAS EL TORO-D065	PROJECT NUMBER:	LABORATORY PHONE:	LABORATORY FAX: —	RECIPIENT NAME: IT CORP.
PROJECT CONTACT: L. BIENKOWSKI	PROJECT PHONE NUMBER: (949) 451-1664	PROJECT FAX: —	LABORATORY ADDRESS: 1721 S. GRAND		ADDRESS: 8347 MICHELSON
PROJECT ADDRESS: —	CITY, STATE AND ZIPCODE: —	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: SANTA ANA, CA		CITY, STATE AND ZIPCODE: IRVINE, CA 92612
PROJECT MANAGER: B SEDLAK	PROJECT MANAGER'S PHONE: (949) 660-5446	PROJECT MANAGER'S FAX:			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: Cont Lot-Hold	Comments: ANALYZE "A" BAG FIRST
1	18708-1114	VAPOR	6/1/99	0855	—	2	3	5 day	X		
2	18708-1115	VAPOR	6/1/99	0910	—	3	3	5 day	X		
3	18708-1116	VAPOR	6/1/99	0905	—	2	3	24 HR	X		
4	18708-1117	VAPOR	6/1/99	0857	—	2	3	24 HR		X	
5											
6											
7											
8											
9											~~18230151~~
10											WBS 06003301

SAMPLES COLLECTED BY: F TORRES

COURIER AND AIR BILL NUMBER:

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
[signature]	[signature]	6/1/99		
[signature]	[signature]	6/1/99	1500	
[signature]	[signature]	6/1/99	1500	

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

Quanterra Air Toxics Lab

Sample Name:	CWED8102 OHM M9F010159-1	**Data Analyzed:**	1 Jun 99 18:37
Misc. Info:	500 ML 18708-1114 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1908.D	**Shift Call.File:**	CC06011.D
Data Path:	d:\gcmsb\990601\	**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	0.51	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	-0.26	ND (RT 145)	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	ND	10.00
13) Methylene Chloride	-0.02	ND	2.00
14) t-1,2-Dichloroethene	0.41	ND	2.00
15) 1,1-Dichloroethane	0.04	ND	2.00
16) Vinyl Acetate	0.35	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	-0.00	ND	10.00
19) Chloroform	-0.24	ND	2.00
20) 1,1,1-Trichloroethane	0.02	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		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	-0.05	ND	10.00
32) Toluene	-0.05	ND	2.00 5.0
34) t-1,3-Dichloropropene	0.36	ND	2.00
35) 1,1,2-Trichloroethane	-0.36	ND	2.00
36) Tetrachloroethene	-0.00	ND	2.00
37) 2-Hexanone	-0.26	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane	-0.03	ND	2.00
40) Chlorobenzene	0.00	ND	2.00
41) Ethylbenzene	-0.00	ND	2.00
42) p,&m-Xylene	0.04	ND	2.00
43) o-Xylene	0.09	ND	2.00
44) Styrene	0.09	ND	2.00
45) Bromoform		ND	2.00

JUN 2'99 14:51 FR 714 258 0921 TO IT GROUP IRVINE P.03

Sample Name:	CWED8102 OHM M9F010159-1	**Data Analyzed:**	06/ 1/99 18:37
Misc. Info:	500 ML 18708-1114 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1908.D	**Shift Call.File:**	CC06011.D
Data Path:	d:\gcmsb\990601\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.30	ND	2.00
48) Benzyl Chloride	0.00	ND	10.00
49) 4-Ethyl Toluene	0.16	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.02	ND	2.00
51) 1,2,4-Trimethylbenzene	-0.12	ND	2.00
52) 1,3-Dichlorobenzene	0.40	ND	2.00
53) 1,4-Dichlorobenzene	0.26	ND	2.00
54) 1,2-Dichlorobenzene	-0.29	ND	2.00
55) 1,2,4-Trichlorobenzene	0.34	ND	20.00
56) Hexachlorobutadiene	-0.36	ND	4.00

MTBE ND 10.0

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	227314	231804	OK	7.20	7.12	OK
1,4-Difluorobenzene	1018021	1016677	OK	8.85	8.77	OK
Chlorobenzene-d5	549787	523710	OK	14.14	13.92	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.00	98.0
Toluene-d8	50	41.61	83.2
4-Bromofluorobenzene	50	49.93	99.9

Comments:

Foot Notes:

1st Review: 6/2/99

2nd Review: 100602

JUN 2'99 14:51 FR 714 258 0921 TO IT GROUP IRVINE P.04

9 P 0203

Quanterra Air Toxics Lab

Sample Name:	CWED102 OHM M9F010159-2	**Data Analyzed:**	1 Jun 99 19:07
Misc. Info:	8.0 ML 18708-111 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1909.D	**Shift Call.File:**	CC06011.D
Data Path:	d:\gcmsb\990601\	**Dilution Factor:**	62.5

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)		ND	125.00
3) Chloromethane		ND	250.00
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	125.00
5) Vinyl Chloride		ND	125.00
6) Bromomethane	0.19	ND	125.00
7) Chloroethane	0.30	ND	250.00
8) Trichlorofluoromethane (11)		ND	125.00
9) 1,1-Dichloroethene	0.00	ND	125.00
10) Carbon Disulfide		ND	625.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.02	349.31	125.00
12) Acetone	0.03	ND	625.00
13) Methylene Chloride	-0.00	ND	125.00
14) t-1,2-Dichloroethene		ND	125.00
15) 1,1-Dichloroethane		ND	125.00
16) Vinyl Acetate	0.04	ND	625.00
17) c-1,2-Dichloroethene		ND	125.00
18) 2-Butanone		ND	625.00
19) Chloroform	0.03	ND	125.00
20) 1,1,1-Trichloroethane		ND	125.00
21) Carbon Tetrachloride	0.04	ND	125.00
23) Benzene		ND	125.00
25) 1,2-Dichloroethane		ND	125.00
26) Trichloroethene	0.02	505.50	125.00
27) 1,2-Dichloropropane		ND	125.00
28) Bromodichloromethane		ND	125.00
29) c-1,3-Dichloropropene	0.45	ND	125.00
30) 4-Methyl-2-Pentanone	-0.00	ND	625.00
32) Toluene		ND	~~125.00~~ 312.5
34) t-1,3-Dichloropropene	0.44	ND	125.00
35) 1,1,2-Trichloroethane	0.14	ND ~~139.78~~ MS	125.00
36) Tetrachloroethene	-0.01	9285.42	125.00
37) 2-Hexanone		ND	1875.00
38) Dibromochloromethane		ND	125.00
39) 1,2-Dibromoethane		ND	125.00
40) Chlorobenzene		ND	125.00
41) Ethylbenzene	-0.42	ND	125.00
42) p,&m-Xylene		ND	125.00
43) o-Xylene		ND	125.00
44) Styrene		ND	125.00
45) Bromoform		ND	125.00

JUN 2'99 14:52 FR 214 258 0921 TO 11 GROUP IRVINE P.05

9 [illegible] 060299

Sample Name:	CWED~~8~~102 OHM M9F010159-2	**Data Analyzed:**	06/ 1/99 19:07
Misc. Info:	8.0 ML 18708-111 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1909.D	**Shift Call.File:**	CC06011.D
Data Path:	d:\gcmsb\990601\	**Dilution Factor:**	62.5

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	125.00
48) Benzyl Chloride		ND	625.00
49) 4-Ethyl Toluene	0.49	ND	125.00
50) 1,3,5-Trimethylbenzene	0.28	ND	125.00
51) 1,2,4-Trimethylbenzene	-0.43	ND	125.00
52) 1,3-Dichlorobenzene		ND	125.00
53) 1,4-Dichlorobenzene		ND	125.00
54) 1,2-Dichlorobenzene		ND	125.00
55) 1,2,4-Trichlorobenzene		ND	1250.00
56) Hexachlorobutadiene		ND	250.00

NO 60 ✓ MTBE ND 625.

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	227314	251356	OK	7.20	7.13	OK
1,4-Difluorobenzene	1018021	1122330	OK	8.85	8.79	OK
Chlorobenzene-d5	549787	570138	OK	14.14	14.11	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.09	96.2
Toluene-d8	50	46.90	93.8
4-Bromofluorobenzene	50	39.08	78.2

Comments:

Foot Notes:

1st Review: [illegible] 6/2/99

2nd Review: NO Obor

JUN 2'99 14:52 FR 714 258 0921 TO IT GROUP IRVINE P.06

Quanterra Air Toxics Lab

Sample Name:	CWEDC102 OHM M9F010159-3	**Data Analyzed:**	1 Jun 99 16:38
Misc. Info:	500 ML 18708-1116 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1906.D	**Shift Call.File:**	CC06011.D
Data Path:	D:\GCMSB\990601\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	0.04	ND	2.00
3) Chloromethane	0.04	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)	-0.35	ND	2.00
5) Vinyl Chloride	-0.02	ND	2.00
6) Bromomethane	0.48	ND	2.00
7) Chloroethane	-0.00	ND	4.00
8) Trichlorofluoromethane (11)	0.02	ND	2.00
9) 1,1-Dichloroethene	-0.26	~~10.88~~ 0.60	2.00
10) Carbon Disulfide	-0.00	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.12	ND	2.00
12) Acetone	-0.01	40.45	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	0.38	ND	10.00
17) c-1,2-Dichloroethene	-0.21	ND	2.00
18) 2-Butanone	0.01	ND	10.00
19) Chloroform	0.04	ND	2.00
20) 1,1,1-Trichloroethane	0.01	ND	2.00
21) Carbon Tetrachloride		ND	2.00
23) Benzene	0.01	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	0.32	ND	2.00
29) c-1,3-Dichloropropene	0.40	ND	2.00
30) 4-Methyl-2-Pentanone	-0.08	ND	10.00
32) Toluene	-0.06	ND	~~2.00~~ 5.0
34) t-1,3-Dichloropropene	0.15	ND	2.00
35) 1,1,2-Trichloroethane	0.13	ND	2.00
36) Tetrachloroethene	0.01	14.60	2.00
37) 2-Hexanone	0.05	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene	-0.09	ND	2.00
41) Ethylbenzene	0.01	ND	2.00
42) p,&m-Xylene	0.00	ND	2.00
43) o-Xylene	0.07	ND	2.00
44) Styrene	0.08	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CWEDC102 OHM M9F010159-3	**Data Analyzed:**	06/ 1/99 16:38
Misc. Info:	500 ML 18708-1116 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1906.D	**Shift Call.File:**	CC06011.D
Data Path:	D:\GCMSB\990601\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.38	ND	2.00
48) Benzyl Chloride	0.01	ND	10.00
49) 4-Ethyl Toluene	0.11	ND	2.00
50) 1,3,5-Trimethylbenzene	-0.07	ND	2.00
51) 1,2,4-Trimethylbenzene	-0.11	ND	2.00
52) 1,3-Dichlorobenzene	0.44	ND	2.00
53) 1,4-Dichlorobenzene	0.24	ND	2.00
54) 1,2-Dichlorobenzene	-0.25	ND	2.00
55) 1,2,4-Trichlorobenzene	0.32	ND	20.00
56) Hexachlorobutadiene	-0.38	ND	4.00

MTBE ND 1.0

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	227314	227961	OK	7.20	7.15	OK
1,4-Difluorobenzene	1018021	984302	OK	8.85	8.79	OK
Chlorobenzene-d5	549787	536581	OK	14.14	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.07	96.1
Toluene-d8	50	42.24	84.5
4-Bromofluorobenzene	50	55.42	110.8

Comments:

Foot Notes:

1st Review: AM 6/2/99

2nd Review: MO 060299

JUN 2'99 14:53 FR 714 258 0921 TO IT GROUP IRVINE P.08

Quanterra Air Toxics Lab

Sample Name:	CWEDD102 OHM M9F010159-4	**Data Analyzed:**	1 Jun 99 17:37
Misc. Info:	500 ML 18708-1117 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1907.D	**Shift Call.File:**	CC06011.D
Data Path:	d:\gcmsb\990601\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	0.05	ND	2.00
3) Chloromethane	0.22	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)	-0.29	ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane		ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	0.34	ND	2.00
9) 1,1-Dichloroethene (12)	-0.26	ND(RT) ~~18.27~~	2.00
10) Carbon Disulfide	-0.01	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.38	ND	2.00
12) Acetone	0.01	ND	10.00
13) Methylene Chloride	0.00	ND	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane		ND	2.00
16) Vinyl Acetate	-0.01	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		ND	2.00
21) Carbon Tetrachloride		ND	2.00
23) Benzene	0.14	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		ND	2.00
29) c-1,3-Dichloropropene	0.40	ND	2.00
30) 4-Methyl-2-Pentanone	-0.05	ND	10.00
32) Toluene	-0.05	ND	~~2.00~~
34) t-1,3-Dichloropropene	-0.35	ND	2.00
35) 1,1,2-Trichloroethane	0.14	ND	2.00
36) Tetrachloroethene	0.00	7.12	2.00
37) 2-Hexanone	-0.01	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane	0.12	ND	2.00
40) Chlorobenzene	0.00	ND	2.00
41) Ethylbenzene	0.32	ND	2.00
42) p,&m-Xylene	0.05	ND	2.00
43) o-Xylene	0.08	ND	2.00
44) Styrene	0.07	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CWEDD102 OHM M9F010159-4	**Data Analyzed:**	06/ 1/99 17:37
Misc. Info:	500 ML 18708-1117 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1907.D	**Shift Call.File:**	CC06011.D
Data Path:	d:\gcmsb\990601\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.43	ND	2.00
48) Benzyl Chloride	0.07	ND	10.00
49) 4-Ethyl Toluene	0.15	ND	2.00
50) 1,3,5-Trimethylbenzene	0.03	ND	2.00
51) 1,2,4-Trimethylbenzene	-0.14	ND	2.00
52) 1,3-Dichlorobenzene	0.45	ND	2.00
53) 1,4-Dichlorobenzene	0.25	ND	2.00
54) 1,2-Dichlorobenzene	-0.16	ND	2.00
55) 1,2,4-Trichlorobenzene	0.32	ND	20.00
56) Hexachlorobutadiene	-0.33	ND	4.00
MTBE		ND	10.00

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	227314	244402	OK	7.20	7.14	OK
1,4-Difluorobenzene	1018021	1039420	OK	8.85	8.79	OK
Chlorobenzene-d5	549787	539168	OK	14.14	13.93	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.58	99.2
Toluene-d8	50	41.35	82.7
4-Bromofluorobenzene	50	50.90	101.8

Comments:

Foot Notes:

1st Review: AA 6/2/99

2nd Review: [illegible]

Quanterra Air Toxics Lab

Sample Name:	CWED8102 OHM M9F010159-1	**Data Analyzed:**	1 Jun 99 18:37
Misc. Info:	500 ML 18708-1114 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1908.D	**Shift Call.File:**	CC06011.D
Data Path:	D:\GCMSB\990601\	**Dilution Factor:**	1

	Compound	dRT		Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	0.01		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	0.51		ND	0.0051
6)	Bromomethan			ND	0.0078
7)	Chloroethane			ND	0.0105
8)	Trichlorofluoromethane (11)	-0.02		ND	0.0112
9)	1,1-Dichloroethene	-0.26	MQ	~~0.0390~~	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		ND	0.0237
13)	Methylene Chloride	-0.02		ND	0.0069
14)	t-1,2-Dichloroethene	0.41		ND	0.0079
15)	1,1-Dichloroethane	0.04		ND	0.0081
16)	Vinyl Acetate	0.35		ND	0.0351
17)	c-1,2-Dichloroethene			ND	0.0079
18)	2-Butanone	-0.00		ND	0.0294
19)	Chloroform	-0.24		ND	0.0097
20)	1,1,1-Trichloroethane	0.02		ND	0.0109
21)	Carbon Tetrachloride	0.02		ND	0.0126
23)	Benzene	0.02		ND	0.0084
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	-0.05		ND	0.0409
32)	Toluene	-0.05		ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene	0.36		ND	0.0091
35)	1,1,2-Trichloroethane	-0.36		ND	0.0109
36)	Tetrachloroethene	-0.00		ND	0.0135
37)	2-Hexanone	-0.26		ND	0.1226
38)	Dibromochloromethane			ND	0.0170
39)	1,2-Dibromoethane	-0.03		ND	0.0153
40)	Chlorobenzene	0.00		ND	0.0092
41)	Ethylbenzene	-0.00		ND	0.0087
42)	p,&m-Xylene	0.04		ND	0.0087
43)	o-Xylene	0.09		ND	0.0087
44)	Styrene	0.09		ND	0.0085
45)	Bromoform			ND	0.0206

NO obv

Sample Name:	CWED8102 OHM M9F010159-1	Data Analyzed:	06/ 1/99 18:37
Misc. Info:	500 ML 18708-1114 TEDLAR B	Method:	MSB0601
Data Name:	B1908.D	Shift Call.File:	CC06011.D
Data Path:	D:\GCMSB\990601\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.30	ND	0.0137
48)	Benzyl Chloride	0.00	ND	0.0518
49)	4-Ethyl Toluene	0.16	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.02	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.12	ND	0.0098
52)	1,3-Dichlorobenzene	0.40	ND	0.0120
53)	1,4-Dichlorobenzene	0.26	ND	0.0120
54)	1,2-Dichlorobenzene	-0.29	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.34	ND	0.1481
56)	Hexachlorobutadiene	-0.36	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	227314	231804	OK	7.20	7.12	OK
1,4-Difluorobenzene	1018021	1016677	OK	8.85	8.77	OK
Chlorobenzene-d5	549787	523710	OK	14.14	13.92	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.00	98.0
Toluene-d8	50	41.61	83.2
4-Bromofluorobenzene	50	49.93	99.9

Comments:

Foot Notes:

1st Review: DA 6/2/99 2nd Review 10 06 02

Quanterra Air Toxics Lab

Sample Name:	CWED~~8~~102 OHM M9F010159-2	**Data Analyzed:**	1 Jun 99 19:07
Misc. Info:	8.0 ML 18708-111 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1909.D	**Shift Cali.File:**	CC06011.D
Data Path:	D:\GCMSB\990601\	**Dilution Factor:**	62.5

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1		ND	0.6169
3) Chloromethan		ND	0.5153
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	0.8720
5) Vinyl Chloride		ND	0.3189
6) Bromomethan	0.19	ND	0.4844
7) Chloroethane	0.30	ND	0.6583
8) Trichlorofluoromethane (11)		ND	0.7009
9) 1,1-Dichloroethene	0.00	ND	0.4946
10) Carbon Disulfide		ND	1.9425
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.02	2.6715	0.9560
12) Acetone	0.03	ND	1.4819
13) Methylene Chloride	-0.00	ND	0.4334
14) t-1,2-Dichloroethene		ND	0.4946
15) 1,1-Dichloroethane		ND	0.5049
16) Vinyl Acetate	0.04	ND	2.1963
17) c-1,2-Dichloroethene		ND	0.4946
18) 2-Butanone		ND	1.8394
19) Chloroform	0.03	ND	0.6091
20) 1,1,1-Trichloroethane		ND	0.6806
21) Carbon Tetrachloride	0.04	ND	0.7847
23) Benzene		ND	0.3985
25) 1,2-Dichloroethane		ND	0.5049
26) Trichloroethene	0.02	2.7110	0.6704
27) 1,2-Dichloropropane		ND	0.5765
28) Bromodichloromethane		ND	0.8359
29) c-1,3-Dichloropropene	0.45	ND	0.5661
30) 4-Methyl-2-Pentanone	-0.00	ND	2.5550
32) Toluene		ND	~~0.4701~~ ~~1.1875~~ 1.175
34) t-1,3-Dichloropropene	0.44	ND	0.5661
35) 1,1,2-Trichloroethane	0.14	~~0.7011~~ ND MS	0.6808
36) Tetrachloroethene	-0.01	62.7176	0.8461
37) 2-Hexanone		ND	7.6650
38) Dibromochloromethane		ND	1.0628
39) 1,2-Dibromoethane		ND	0.9585
40) Chlorobenzene		ND	0.5743
41) Ethylbenzene	-0.42	ND	0.5416
42) p,&m-Xylene		ND	0.5416
43) o-Xylene		ND	0.5416
44) Styrene		ND	0.5314
45) Bromoform		ND	1.2895

PO 0602

9 no 060-99

Sample Name:	CWED~~8~~102 OHM M9F010159-2	**Data Analyzed:**	06/ 1/99 19:07
Misc. Info:	8.0 ML 18708-115 TEDLAR BA	**Method:**	MSB0601
Data Name:	B1909.D	**Shift Call.File:**	CC06011.D
Data Path:	D:\GCMSB\990601\	**Dilution Factor:**	62.5

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.8564
48)	Benzyl Chloride		ND	3.2350
49)	4-Ethyl Toluene	0.49	ND	0.6133
50)	1,3,5-Trimethylbenzene	0.28	ND	0.6133
51)	1,2,4-Trimethylbenzene	-0.43	ND	0.6133
52)	1,3-Dichlorobenzene		ND	0.7500
53)	1,4-Dichlorobenzene		ND	0.7500
54)	1,2-Dichlorobenzene		ND	0.7500
55)	1,2,4-Trichlorobenzene		ND	9.2575
56)	Hexachlorobutadiene		ND	2.6608
	MTBE		ND	~~0~~ 2.25

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	227314	251356	OK	7.20	7.13	OK
1,4-Difluorobenzene	1018021	1122330	OK	8.85	8.79	OK
Chlorobenzene-d5	549787	570138	OK	14.14	14.11	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.09	96.2
Toluene-d8	50	46.90	93.8
4-Bromofluorobenzene	50	39.08	78.2

Comments:

Foot Notes:

1st Review: AA 6/2/99 2nd Review 10 060

JUN 2'99 14:54 FR 714 258 0921 TO IT GROUP IRVINE P.14

Quanterra Air Toxics Lab

Sample Name:	CWEDC102 OHM M9F010159-3	**Data Analyzed:**	1 Jun 99 16:38
Misc. Info:	500 ML 18708-1116 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1906.D	**Shift Call.File:**	CC06011.D
Data Path:	D:\GCMSB\990601\	**Dilution Factor:**	1

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1	0.04	ND	0.0099
3) Chloromethan	0.04	ND	0.0082
4) 1,2-Cl-1,1,2,2-F ethane (114)	-0.35	ND	0.0140
5) Vinyl Chloride	-0.02	ND	0.0051
6) Bromomethan	0.48	ND	0.0078
7) Chloroethane	-0.00	ND	0.0105
8) Trichlorofluoromethane (11)	0.02	ND	0.0112
9) 1,1-Dichloroethene	-0.26	~~0.0630~~ ND	0.0079
10) Carbon Disulfide	-0.00	ND	0.0311
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.12	ND	0.0153
12) Acetone	-0.01	0.0959	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	0.38	ND	0.0351
17) c-1,2-Dichloroethene	-0.21	ND	0.0079
18) 2-Butanone	0.01	ND	0.0294
19) Chloroform	0.04	ND	0.0097
20) 1,1,1-Trichloroethane	0.01	ND	0.0109
21) Carbon Tetrachloride		ND	0.0126
23) Benzene	0.01	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	0.32	ND	0.0134
29) c-1,3-Dichloropropene	0.40	ND	0.0091
30) 4-Methyl-2-Pentanone	-0.08	ND	0.0409
32) Toluene	-0.06	ND	~~0.0075~~ 0.019
34) t-1,3-Dichloropropene	0.15	ND	0.0091
35) 1,1,2-Trichloroethane	0.13	ND	0.0109
36) Tetrachloroethene	0.01	0.0988	0.0135
37) 2-Hexanone	0.05	ND	0.1226
38) Dibromochloromethane		ND	0.0170
39) 1,2-Dibromoethane		ND	0.0153
40) Chlorobenzene	-0.09	ND	0.0092
41) Ethylbenzene	0.01	ND	0.0087
42) p,&m-Xylene	0.00	ND	0.0087
43) o-Xylene	0.07	ND	0.0087
44) Styrene	0.08	ND	0.0085
45) Bromoform		ND	0.0206

Sample Name:	CWEDC102 OHM M9F010159-3	**Data Analyzed:**	06/ 1/99 16:38
Misc. Info:	500 ML 18708-1116 TEDLAR B	**Method:**	MSB0601
Data Name:	B1906.D	**Shift Call.File:**	CC06011.D
Data Path:	D:\GCMSB\990601\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.38	ND	0.0137
48)	Benzyl Chloride	0.01	ND	0.0518
49)	4-Ethyl Toluene	0.11	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.07	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.11	ND	0.0098
52)	1,3-Dichlorobenzene	0.44	ND	0.0120
53)	1,4-Dichlorobenzene	0.24	ND	0.0120
54)	1,2-Dichlorobenzene	-0.25	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.32	ND	0.1481
56)	Hexachlorobutadiene	-0.38	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	227314	227961	OK	7.20	7.15	OK
1,4-Difluorobenzene	1018021	964302	OK	8.85	8.79	OK
Chlorobenzene-d5	549787	536581	OK	14.14	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.07	96.1
Toluene-d8	50	42.24	84.5
4-Bromofluorobenzene	50	55.42	110.8

Comments:

Foot Notes:

1st Review: AA 6/2/99 2nd Review MD 060

Quanterra Air Toxics Lab

Sample Name:	CWEDD102 OHM M9F010159-4	**Data Analyzed:**	1 Jun 99 17:37
Misc. Info:	500 ML 18708-1117 TEDLAR BAG	**Method:**	MSB0601
Data Name:	B1907.D	**Shift Cali.File:**	CC06011.D
Data Path:	D:\GCMSB\990601\	**Dilution Factor:**	1

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1	0.05	ND	0.0099
3) Chloromethan	0.22	ND	0.0082
4) 1,2-Cl-1,1,2,2-F ethane (114)	-0.29	ND	0.0140
5) Vinyl Chloride		ND	0.0051
6) Bromomethan		ND	0.0078
7) Chloroethane		ND	0.0105
8) Trichlorofluoromethane (11)	0.34	ND	0.0112
9) 1,1-Dichloroethene	-0.26	~~0.0406~~ ND	0.0079
10) Carbon Disulfide	-0.01	ND	0.0311
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.38	ND	0.0153
12) Acetone	0.01	ND	0.0237
13) Methylene Chloride	0.00	ND	0.0069
14) t-1,2-Dichloroethene		ND	0.0079
15) 1,1-Dichloroethane		ND	0.0081
16) Vinyl Acetate	-0.01	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		ND	0.0109
21) Carbon Tetrachloride		ND	0.0126
23) Benzene	0.14	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		ND	0.0134
29) c-1,3-Dichloropropene	0.40	ND	0.0091
30) 4-Methyl-2-Pentanone	-0.05	ND	0.0409
32) Toluene	-0.05	ND	~~0.0075~~ 0.019
34) t-1,3-Dichloropropene	-0.35	ND	0.0091
35) 1,1,2-Trichloroethane	0.14	ND	0.0109
36) Tetrachloroethene	0.00	0.0482	0.0135
37) 2-Hexanone	-0.01	ND	0.1226
38) Dibromochloromethane		ND	0.0170
39) 1,2-Dibromoethane	0.12	ND	0.0153
40) Chlorobenzene	0.00	ND	0.0092
41) Ethylbenzene	0.32	ND	0.0087
42) p,&m-Xylene	0.05	ND	0.0087
43) o-Xylene	0.08	ND	0.0087
44) Styrene	0.07	ND	0.0085
45) Bromoform		ND	0.0206

10 ok

D:\GCMSB\990601\B1907.D

Sample Name:	CWEDD102 OHM M9F010159-4	**Data Analyzed:**	06/ 1/99 17:37
Misc. Info:	500 ML 18708-1117 TEDLAR B	**Method:**	MSB0601
Data Name:	B1907.D	**Shift Call.File:**	CC06011.D
Data Path:	D:\GCMSB\990601\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.43	ND	0.0137
48)	Benzyl Chloride	0.07	ND	0.0518
49)	4-Ethyl Toluene	0.15	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.03	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.14	ND	0.0098
52)	1,3-Dichlorobenzene	0.45	ND	0.0120
53)	1,4-Dichlorobenzene	0.25	ND	0.0120
54)	1,2-Dichlorobenzene	-0.16	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.32	ND	0.1481
56)	Hexachlorobutadiene	-0.33	ND	0.0426
	MTBE		ND	0.031

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	227314	244402	OK	7.20	7.14	OK
1,4-Difluorobenzene	1018021	1039420	OK	8.85	8.79	OK
Chlorobenzene-d5	549787	539168	OK	14.14	13.93	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.58	99.2
Toluene-d8	50	41.35	82.7
4-Bromofluorobenzene	50	50.90	101.8

Comments:

Foot Notes:

1st Review: 6/2/99 2nd Review 06/02