OHM Remediation Services Corp.
A Subsidiary of OHM Corporation

February 24, 1999

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

Attention: Ms. Lynn Hornecker, 56MC.LMH

Subject: Update of SVE Analytical Results for the SVE Well Testing at Site 24
Contract N68711-93-D-1459, Delivery Order 065, DCN SW 6432
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. A total of 3 SVE wells (24SVE-12, 24SVE-14, and 24SVE-54) and Central SVE Systems analytical data are included in this package.

Also, a preliminary analytical results data table for these 3 SVE wells and Central SVE System are included in this package.

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

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

Sincerely,

William Sedlak, P.E.
Sr. Project Manager

Attachment: Analytical Data Hard Copy and Tables

cc: Lucreatria Holloway, SWDIV, COTR (1C/1E)
OHM PMO File (1C/1E)
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Project No. 918708

CERCLA: Yes [ ] No [X]

WBS Code for distribution 1323010/

ADMIN RECORD COPIES: Yes [ ] No [X]

Document Control No. SW6432

ELECTRONIC COPIES: Yes [ ] No [X]

Revision 0

NO. OF DISKS: _____

DOCUMENT DESCRIPTION: Update of SVE Analytical data for Site 24 Central Plateau SVE wells.

[ ] Preliminary Draft [ ] Draft [ ] Final [X] Other Deliverable

DELIVERY DATE 2/25/99

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Date: 24-Feb-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 February 24, 1999***

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

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

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

SCHEDULED DELIVERY DATE: 26-Feb-98 **ACTUAL DELIVERY DATE:** 26-Feb-98

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24SVE12

	Sample Number	18708-713	18708-712	18708-714	18708-715	18708-716	18708-717	
	Date Sampled	1/26/99	1/26/99	1/26/99	1/26/99	1/26/99	1/26/99	
	Sample Location	Influent - 1hour	Mid - 1 hour	Eff - 1 hour	Inf - 4 hour	Mid - 4 hour	Eff - 4 hour	
Analytes	Unit							
1,1-Dichloroethene	ppb (ug/L)	920 (3.6)	ND	NA	ND	ND	NA	
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	20000 (150)	ND	NA	ND	ND	NA	
Acetone	ppb (ug/L)	ND	ND	NA	ND	ND	NA	
Methylene Chloride	ppb (ug/L)	ND	ND	NA	ND	ND	NA	
Benzene	ppb (ug/L)	ND	ND	NA	ND	ND	NA	
Trichloroethene	ppb (ug/L)	51000 (270)	ND	NA	ND	ND	NA	
Toluene	ppb (ug/L)	ND	ND	NA	ND	ND	NA	
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	NA	ND	ND	NA	
Tetrachloroethene	ppb (ug/L)	1000 (6.8)	ND	NA	ND	ND	NA	
Xylenes	ppb (ug/L)	ND	ND	NA	ND	ND	NA	
Vinyl Chloride	ppb (ug/L)	ND	ND	NA	ND	ND	NA	
Chloroform	ppb (ug/L)	ND	ND	NA	ND	ND	NA	
Carbon Tetrachloride	ppb (ug/L)	1400 (8.9)	ND	NA	ND	ND	NA	
	Sample Number	18708-723	18708-724	18708-725	18708-726	18708-742 (*)	18708-743	18708-744
	Date Sampled	1/27/99	1/27/99	1/27/99	1/27/99	1/28/99	1/28/99	1/28/99
	Sample Location	Inf - 1st day	Inf - 1st day - (dup)	Mid - 1st day	Eff - 1st day	Inf - 2nd daily	Mid - 2nd daily	Eff - 2nd daily
Analytes	Unit							
1,1-Dichloroethene	ppb (ug/L)	730 (2.9)	660 (2.6)	ND	ND	520J (2.1J)	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	13000 (100)	13000 (98)	128 (0.98)	952 (7.28)	8600 (66)	110 (0.84)	399 (3.05)
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	15 (0.035)	ND
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	44000 (240)	44000 (230)	ND	ND	29000 (160)	ND	ND
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	830 (5.6)	810 (5.5)	ND	ND	560 (3.8)	ND	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Chloroform	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ppb (ug/L)	1100 (6.9)	1100 (6.8)	ND	ND	580 (3.6)	ND	ND
	Sample Number	18708-746 (**)	18708-747	18708-748	18708-750	18708-751	18708-752	18708-753
	Date Sampled	1/29/99	1/29/99	1/29/99	2/1/99	2/1/99	2/1/99	2/1/99
	Sample Location	Inf - 3rd daily	Mid - 3rd daily	Eff - 3rd daily	Inf - shut down	Inf - shut down (dup)	Mid - shut down	Eff - shut down
Analytes	Unit							
1,1-Dichloroethene	ppb (ug/L)	290 (1.1)	ND	3.7 (0.015)	480 (1.9)	380 (1.5)	6.6 (0.026)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	3900 (30)	180 (1.4)	410 (3.1)	6400 (49)	5100 (39)	500 (3.8)	ND
Acetone	ppb (ug/L)	ND	19J (0.045J)	33J (0.078J)	ND	ND	ND	6000 (46)
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	14000 (77)	ND	ND	21000 (110)	19000 (100)	23 (0.12)	55 (0.29)
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	320 (2.2)	ND	ND	460 (3.1)	440 (3.0)	ND	ND
Xylenes	ppb (ug/L)	ND	ND	2.3 (0.0098)	ND	ND	ND	ND
Vinyl Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Chloroform	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ppb (ug/L)	360 (2.2)	ND	ND	590 (3.7)	520 (3.3)	ND	ND

(*) = Acetone and Xylenes were also detected in the ambient.
(**) = Acetone was also detected in the amibent.

24SVE14 (Long Term)

	Sample Number	18708-670	18708-671	18708-672	18708-673	18708-674	18708-675	18708-680(*)	18708-681	18708-682	18708-683
	Date Sampled	1/19/99	1/19/99	1/19/99	1/19/99	1/19/99	1/19/99	1/20/99	1/20/99	1/20/99	1/20/99
	Sample Location	Influent - 1hour	Mid - 1 hour	Eff - 1 hour	Inf - 4 hour	Mid - 4 hour	Eff - 4 hour	Inf - 1st day	Inf - 1st day (dup)	Mid - 1st day	Eff - 1st day
Analytes	Unit										
1,1-Dichloroethene	ppb (ug/L)	1900 (7.6)	3.4 (0.014)	ND	2500 (9.9)	3.3 (0.013)	ND	2600 (10)	760 (3)	8.0 (0.032)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	3700 (29)	2.6 (0.020)	ND	4300 (33)	ND	ND	4000 (31)	1200 (9.3)	3.8 (0.029)	ND
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	10 (0.025)	12 (0.028)
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	80000 (430)	ND	ND	1000000 (540)	2.7 (0.014)	ND	78000 (420)	23000 (120)	ND	ND
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	1300 (9.1)	ND	ND	1700 (12)	ND	ND	1600 (11)	420 (2.9)	ND	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5 (0.011)
Carbon Tetrachloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	550 (3.4)	ND	ND	ND

	Sample Number	18708-690	18708-691	18708-692	18708-698	18708-699	18708-700	18708-707(*)	18708-708	18708-709	18708-710
	Date Sampled	1/21/99	1/21/99	1/21/99	1/22/99	1/22/99	1/22/99	1/25/99	1/25/99	1/25/99	1/25/99
	Sample Location	Inf - 2nd daily	Mid - 2nd daily	Eff - 2nd daily	Inf - 3rd daily	Mid - 3rd daily	Eff - 3rd daily	Inf - 4th daily	Inf - 4th daily (dup)	Mid - 4th daily	Eff - 4th daily
Analytes	Unit										
1,1-Dichloroethene	ppb (ug/L)	2200 (8.8)	3.2 (0.013)	ND	250 (0.99)	3.5 (0.014)	ND	1800 (7.0)	570 (2.3)	2.7 (0.011)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	4300 (33)	ND	ND	480 (3.7)	ND	ND	3600 (27)	1200 (9.4)	ND	ND
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	11 (0.026)	19 (0.044)
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	100000 (540)	4.3 (0.023)	ND	11000 (59)	ND	ND	76000 (410)	26000 (140)	ND	ND
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	1900 (13)	ND	ND	190 (1.3)	ND	ND	1400 (9.5)	480 (3.2)	ND	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

	Sample Number	18708-755 (**)	18708-756	18708-757	18708-805	18708-804	18708-803	18708-835	18708-836	18708-834	18708-833
	Date Sampled	2/2/99	2/2/99	2/2/99	2/9/99	2/9/99	2/9/99	2/16/99	2/16/99	2/16/99	2/16/99
	Sample Location	Inf - 1st weekly	Mid - 1st weekly	Eff - 1st weekly	Inf - 2nd weekly	Mid - 2nd weekly	Eff - 2nd weekly	Inf - 3rd weekly	Inf - 3rd weekly (dup)	Mid - 3rd weekly	Eff - 3rd weekly
Analytes	Unit										
1,1-Dichloroethene	ppb (ug/L)	1100 (4.4)	5.1 (0.020)	ND	562 (2.2)	3.3 (0.013)	ND	1022 (4)	998 (4)	ND	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	3100 (24)	ND	ND	1890 (14)	ND	ND	3849 (29)	3673 (28)	ND	NA
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Methylene Chloride	ppb (ug/L)	ND	2.4 (0.0083)	ND	ND	2.0 (0.007)	ND	ND	ND	ND	NA
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Trichloroethene	ppb (ug/L)	34000 (180)	47 (0.25)	8.9 (0.048)	21100 (113)	ND	ND	31339 (168)	32051 (172)	ND	NA
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Tetrachloroethene	ppb (ug/L)	770 (5.2)	3.2 (0.021)	ND	369 (2.5)	ND	ND	704 (4.8)	706 (4.8)	ND	NA
Xylenes	ppb (ug/L)	ND	ND	2 (0.0087)	ND	ND	ND	ND	ND	ND	NA
Carbon Tetrachloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA

(*) = Acetone was also detected in the ambient blank.

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

24SVE54 (Long Term)

Analytes	Unit	8708-759(**)	18708-760	18708-761	18708-762	18708-763	18708-764	18708-766	18708-767	18708-768	18708-769	18708-774	18708-773	18708-772
Sample Number		8708-759(**)	18708-760	18708-761	18708-762	18708-763	18708-764	18708-766	18708-767	18708-768	18708-769	18708-774	18708-773	18708-772
Date Sampled		2/2/99	2/2/99	2/2/99	2/2/99	2/2/99	2/2/99	2/3/99	2/3/99	2/3/99	2/3/99	2/4/99	2/4/99	2/4/99
Sample Location		Inf - 1 hour	Mid - 1 hour	Eff - 1 hour	Inf - 4 hour	Mid - 4 hour	Eff - 4 hour	Inf - 1st day	Inf - 1st day (dup)	Mid - 1st day	Eff - 1st day	Inf - 2nd daily	Mid - 2nd daily	Eff - 2nd daily
1,1-Dichloroethene	ppb (ug/L)	250 (0.98)	ND	ND	410 (1.6)	ND	ND	245 (0.97)	230 (0.91)	ND	3.5J (0.014J)	345 (1.4)		
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	2400 (18)	1500 (11)	670 (5.1)	3800 (29)	430 (3.3)	1500 (11)	2474 (19)	2397 (18)	1200 (9.4)	110 (0.84)	3881 (30)	110 (0.81)	51 (0.39)
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11 (0.025)	ND
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	16000 (87)	ND	ND	27000 (150)	30 (0.16)	ND	19821 (106)	19594 (105)	29 (0.16)	8.1 (0.044)	26825 (144)	ND	ND
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	400 (2.7)	ND	ND	700 (4.7)	ND	ND	391(2.6)	368 (2.5)	ND	ND	648 (4.4)	ND	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

	Sample Number	18708-844	18708-846	18708-842	18708-841
	Date Sampled	2/16/99	2/16/99	2/16/99	2/16/99
	Sample Location	Inf - 2nd weekly (summa canister)	Inf - 2nd weekly (summa canister) (dup)	Mid - 2nd weekly	Eff - wnd weekly
Analytes	Unit				
1,1-Dichloroethene	ppb (ug/L)			ND	2.4 (0.009)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)			14 (0.11)	16 (0.12)
Acetone	ppb (ug/L)			ND	ND
Methylene Chloride	ppb (ug/L)			2.8 (0.01)	2.4 (0.008)
Chloroform	ppb (ug/L)			ND	ND
Benzene	ppb (ug/L)			ND	ND
Trichloroethene	ppb (ug/L)			3.8 (0.02)	ND
Toluene	ppb (ug/L)			ND	ND
1,1,2-Trichloroethane	ppb (ug/L)			ND	ND
Tetrachloroethene	ppb (ug/L)			ND	ND
Xylenes	ppb (ug/L)			ND	ND
cis-1,2-Dichloroethene	ppb (ug/L)			ND	ND

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

Central SVE Unit

	Sample Number	18708-719	18708-721	18708-720	18708-738(*)	18708-739	18708-740
	Date Sampled	1/27/99	1/27/99	1/27/99	1/28/99	1/28/99	1/28/99
	Sample Location	Influent	Mid Point	Effluent	Influent	Mid Point	Effluent
Analytes	Unit						
1,1-Dichloroethene	ppb (ug/L)	102 (0.40)	75 (0.30)	80 (0.32)	66 (0.26)	60 (0.26)	66 (0.26)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	4900 (37.2)	3600 (27.6)	3900 (29.8)	3300 (25)	3100 (25)	3000 (23)
Acetone	ppb (ug/L)	ND	ND	ND	230J (0.55J)	210J (0.55J)	220J (0.52J)
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	4800 (25.6)	3000 (15.9)	3600 (19.5)	3300 (18)	3000 (18)	2900 (15)
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	ND	23 (0.16)	ND	48 (0.33)	46 (0.33)	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND
Chloroform	ppb (ug/L)	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND

24SVE5

	Sample Number	18708-731		
	Date Sampled	1/27/99		
	Sample Location	Well head		
Analytes	Unit			
1,1-Dichloroethene	ppb (ug/L)	ND		
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	ND		
Acetone	ppb (ug/L)	ND		
Methylene Chloride	ppb (ug/L)	ND		
Benzene	ppb (ug/L)	ND		
Trichloroethene	ppb (ug/L)	2.6 (0.014)		
Toluene	ppb (ug/L)	ND		
1,1,2-Trichloroethane	ppb (ug/L)	ND		
Tetrachloroethene	ppb (ug/L)	ND		
Xylenes	ppb (ug/L)	ND		
Vinyl Chloride	ppb (ug/L)	ND		
Chloroform	ppb (ug/L)	ND		
Carbon Tetrachloride	ppb (ug/L)	ND		

24SVE5A

	Sample Number	18708-732
	Date Sampled	1/27/99
	Sample Location	Well head
Analytes	Unit	
1,1-Dichloroethene	ppb (ug/L)	4.8 (0.019)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	31 (0.24)
Acetone	ppb (ug/L)	ND
Methylene Chloride	ppb (ug/L)	ND
Benzene	ppb (ug/L)	ND
Trichloroethene	ppb (ug/L)	140 (0.75)
Toluene	ppb (ug/L)	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND
Tetrachloroethene	ppb (ug/L)	14 (0.092)
Xylenes	ppb (ug/L)	ND
Vinyl Chloride	ppb (ug/L)	ND
Chloroform	ppb (ug/L)	5.6 (0.027)
Carbon Tetrachloride	ppb (ug/L)	2.1 (0.013)

24SVE9

	Sample Number	18708-734
	Date Sampled	1/27/99
	Sample Location	Well head
Analytes	Unit	
1,1-Dichloroethene	ppb (ug/L)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	8400 (64)
Acetone	ppb (ug/L)	ND
Methylene Chloride	ppb (ug/L)	ND
Benzene	ppb (ug/L)	ND
Trichloroethene	ppb (ug/L)	7700 (41)
Toluene	ppb (ug/L)	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND
Tetrachloroethene	ppb (ug/L)	ND
Xylenes	ppb (ug/L)	ND
Vinyl Chloride	ppb (ug/L)	ND
Chloroform	ppb (ug/L)	ND
Carbon Tetrachloride	ppb (ug/L)	ND

24SVE9A

	Sample Number	18708-735
	Date Sampled	1/27/99
	Sample Location	Well head
Analytes	Unit	
1,1-Dichloroethene	ppb (ug/L)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	4.21 (0.03)
Acetone	ppb (ug/L)	ND
Methylene Chloride	ppb (ug/L)	ND
Benzene	ppb (ug/L)	ND
Trichloroethene	ppb (ug/L)	7.24 (0.04)
Toluene	ppb (ug/L)	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND
Tetrachloroethene	ppb (ug/L)	ND
Xylenes	ppb (ug/L)	ND
Vinyl Chloride	ppb (ug/L)	ND
Chloroform	ppb (ug/L)	ND
Carbon Tetrachloride	ppb (ug/L)	ND

24SVE10

	Sample Number	18708-736
	Date Sampled	1/27/99
	Sample Location	Well head
Analytes	Unit	
1,1-Dichloroethene	ppb (ug/L)	96.3 (0.38)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	3500 (26.7)
Acetone	ppb (ug/L)	ND
Methylene Chloride	ppb (ug/L)	ND
Benzene	ppb (ug/L)	ND
Trichloroethene	ppb (ug/L)	6100 (32.5)
Toluene	ppb (ug/L)	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND
Tetrachloroethene	ppb (ug/L)	54.4 (0.37)
Xylenes	ppb (ug/L)	ND
Vinyl Chloride	ppb (ug/L)	ND
Chloroform	ppb (ug/L)	ND
Carbon Tetrachloride	ppb (ug/L)	ND

24SVE104B

	Sample Number	18708-733
	Date Sampled	1/27/99
	Sample Location	Well head
Analytes	Unit	
1,1-Dichloroethene	ppb (ug/L)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	47 (0.036)
Acetone	ppb (ug/L)	ND
Methylene Chloride	ppb (ug/L)	ND
Benzene	ppb (ug/L)	ND
1,1-Dichloroethane	ppb (ug/L)	3.4 (0.014)
Trichloroethene	ppb (ug/L)	230 (1.2)
Toluene	ppb (ug/L)	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND
Tetrachloroethene	ppb (ug/L)	ND
Xylenes	ppb (ug/L)	ND
Vinyl Chloride	ppb (ug/L)	ND
Chloroform	ppb (ug/L)	ND
Carbon Tetrachloride	ppb (ug/L)	ND

24SVE107

	Sample Number	18708-727
	Date Sampled	1/27/99
	Sample Location	Well head
Analytes	Unit	
1,1-Dichloroethene	ppb (ug/L)	45J (0.18J)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	12000 (88)
Acetone	ppb (ug/L)	ND
Methylene Chloride	ppb (ug/L)	ND
Benzene	ppb (ug/L)	ND
Trichloroethene	ppb (ug/L)	1400 (7.5)
Toluene	ppb (ug/L)	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND
Tetrachloroethene	ppb (ug/L)	ND
Xylenes	ppb (ug/L)	ND
Vinyl Chloride	ppb (ug/L)	ND
Chloroform	ppb (ug/L)	ND
Carbon Tetrachloride	ppb (ug/L)	ND

24SVE116

	Sample Number	18708-730
	Date Sampled	1/27/99
	Sample Location	Well head
Analytes	Unit	
1,1-Dichloroethene	ppb (ug/L)	350J (1.4J)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	14000 (100)
Acetone	ppb (ug/L)	ND
Methylene Chloride	ppb (ug/L)	ND
Benzene	ppb (ug/L)	ND
Trichloroethene	ppb (ug/L)	12000 (65)
Toluene	ppb (ug/L)	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND
Tetrachloroethene	ppb (ug/L)	ND
Xylenes	ppb (ug/L)	ND
Vinyl Chloride	ppb (ug/L)	ND
Chloroform	ppb (ug/L)	ND
Carbon Tetrachloride	ppb (ug/L)	ND

Correction on 18708-747
Acetone = 19 ppb

OHM Remediation Services Corp.
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CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

219482

FORM 0019 REV 2-97

OHM's LAB COORDINATOR: Dinzar Tinthit-Williams	LAB COORDINATOR'S PHONE: (949) 666-5366	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: Q136067	LABORATORY CONTACT: Maria Jones	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 12 @ Site 4	PROJECT LOCATION: MCAS El Toro	PROJECT NUMBER: 18708	LABORATORY PHONE: (626) 965-1066	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: Dinzar Tinthit-Williams	PROJECT PHONE NUMBER: (949) 666-5366	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr, Ste 200
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Santa Ana, CA	CLIENT: Lynn Hunecker, Sr. Dir.	CITY, STATE AND ZIPCODE: City of Industry, CA		CITY, STATE, AND ZIPCODE: Irvine CA
PROJECT MANAGER: Bill Sedlak	PROJECT MANAGER'S PHONE: (949) 666-5366	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyze 'A' Bag First

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: Acetone	Comments
1	18708-745	Vapor	12/3/99	1025	Ambient	2	III	5day	X		
2	18708-746	Vapor	12/3/99	1027	Ambient	3	III	5day	X		
3	18708-747	Vapor	12/3/99	1026	Ambient	3	III	24hr	X		
4	18708-748	Vapor	12/3/99	1045	Ambient	2	III	24hr		X	Analyze only if 18708-747 is detected
5											
6											
7											
8											
9											
10											

Shelley 12/9/99

SAMPLES COLLECTED BY: Linda Tuley

RELINQUISHED BY: Linda Tuley

COURIER AND AIR BILL NUMBER:

RECEIVED BY: [illegible]

DATE: 12/9/99

TIME: 1400

COOLER TEMPERATURE UPON RECEIPT:

SAMPLE'S CONDITION UPON RECEIPT:

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

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

Sample Point Location	Sample Type: G	C	F	QC
(1) 24SVE 12 - Amb	X		X	X
(2) 24SVE12 - Inf	X		X	
(3) 24SVE 12 - Mid	X		X	
(4) 24SVE 12 - Eff	X		X	

Comments

2nd Day Sampling Event - SVE 12

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

Volatile Organics by GCMS - EPA TO14 Modified

Client Name:	IT Group		
Client ID:	18708-747		
LAB ID:	136067-0003-SA		
Matrix:	AIR	Sampled: 29 JAN 99	Received: 29 JAN 99
Authorized:	29 JAN 99	Prepared: N/A	Analyzed: 30 JAN 99
Instrument:	GC/MS-B	Dilution: 1.0	

Parameter	Result	Qualifier	RL	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	180		2.0	ppb (v/v)
Acetone	19	F	10	ppb (v/v)
Methylene chloride	ND		2.0	ppb (v/v)
trans-1,2-Dichloroethene	ND		2.0	ppb (v/v)
Methyl t-butyl ether	ND		10	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	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	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)
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)

F = Reported value estimated due to an interference.
ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name: IT Group
Client ID: 18708-747
LAB ID: 136067-0003-SA
Matrix: AIR
Authorized: 29 JAN 99
Instrument: GC/MS-B

Sampled: 29 JAN 99
Prepared: N/A
Dilution: 1.0

Received: 29 JAN 99
Analyzed: 30 JAN 99

Parameter	Result	Qualifier	RL	Units
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)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name:	IT Group		
Client ID:	18708-747		
LAB ID:	136067-0003-SA		
Matrix:	AIR	Sampled: 29 JAN 99	Received: 29 JAN 99
Authorized:	29 JAN 99	Prepared: N/A	Analyzed: 30 JAN 99
Instrument:	GC/MS-B	Dilution: 1.0	

Parameter	Result	Qualifier	RL	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	1.4		0.015	ug/L
Acetone	0.045	F	0.024	ug/L
Methylene chloride	ND		0.0069	ug/L
trans-1,2-Dichloroethene	ND		0.0079	ug/L
Methyl t-butyl ether	ND		0.036	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	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	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
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		0.0099	ug/L

F = Reported value estimated due to an interference.
ND = Not Detected

Volatile Organics by GCMS - EPA TO14

(cont.)

Client Name:	IT Group		
Client ID:	18708-747		
LAB ID:	136067-0003-SA		
Matrix:	AIR	Sampled: 29 JAN 99	Received: 29 JAN 99
Authorized:	29 JAN 99	Prepared: N/A	Analyzed: 30 JAN 99
Instrument:	GC/MS-B	Dilution: 1.0	

Parameter	Result	Qualifier	RL	Units
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		0.042	ug/L

ND = Not Detected

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CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

213466

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)
[illegible]	[illegible]	(419) 475-5133	Q136075	Maria [illegible]	OHM Remediation
PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
[illegible]	[illegible]	14-7649	[illegible]-1666		[illegible]
PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS		ADDRESS
[illegible]	(419) 666-5300	(419) 475-5133	Guadalupe		[illegible]
PROJECT ADDRESS	CITY, STATE AND ZIPCODE	CLIENT	CITY, STATE AND ZIPCODE		CITY, STATE, AND ZIPCODE
[illegible]	[illegible]	[illegible]	[illegible] Industry, CA		Irvine CA
PROJECT MANAGER	PROJECT MANAGER'S PHONE	PROJECT MANAGER'S FAX			
[illegible]	(419) [illegible]	(419) 475-5133			

Analyze A' Bag first

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: 14-14 Hydrocarbons								Comments
1	18708-7461	Vapor	2/1/99	1012	Amber	2	III	5-day	X								
2	18708-7562	Vapor	2/1/99	1015	Amber	2	III	5-day	X								
3	18708-7571	Vapor	2/1/99	1020	Amber	2	III	5-day	X								
4	18708-7582	Vapor	2/1/99	1025	Amber	2	III	24 hr	X								
5	18708-7593	Vapor	2/1/99	1030	Amber	2	III	24 hr		X							Analyze only if [illegible] detected
6																	
7				Relinq.		4/1/99											
8																	
9																	
10																	

SAMPLES COLLECTED BY [illegible]	COURIER AND AIR BILL NUMBER			COOLER TEMPERATURE UPON RECEIPT
RELINQUISHED BY [illegible]	RECEIVED BY [illegible]	DATE [illegible]	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

Sample Point Location	Sample Type G	C	F	QC
(1) 24SVE12-Amb	X		X	X
(2) 24SVE12-Inf	X		X	
(3) 24SVE12-Inf (Dup)	X		X	X
(4) 24SVE12-Mid	X		X	
(5) 24SVE12-Eff	X		X	

Comments

Shut-down sampling @ SVE 12

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

Volatile Organics by GCMS - EPA TO14 Modified

Client Name: IT Group
Client ID: 18708-749
LAB ID: 136070-0001-SA
Matrix: AIR
Authorized: 01 FEB 99
Instrument: GC/MS-B

Sampled: 01 FEB 99
Prepared: N/A
Dilution: 1.0

Received: 01 FEB 99
Analyzed: 02 FEB 99

Parameter	Result	Qualifier	RL	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)
Methyl t-butyl ether	ND		10	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	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	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)
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)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name:	IT Group		
Client ID:	18708-749		
LAB ID:	136070-0001-SA		
Matrix:	AIR	Sampled: 01 FEB 99	Received: 01 FEB 99
Authorized:	01 FEB 99	Prepared: N/A	Analyzed: 02 FEB 99
Instrument:	GC/MS-B	Dilution: 1.0	

Parameter	Result	Qualifier	RL	Units
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)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified

Client Name: IT Group
Client ID: 18708-750
LAB ID: 136070-0002-SA
Matrix: AIR — Sampled: 01 FEB 99 — Received: 01 FEB 99
Authorized: 01 FEB 99 — Prepared: N/A — Analyzed: 02 FEB 99
Instrument: GC/MS-B — Dilution: 120

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		250	ppb (v/v)
Chloromethane	ND		500	ppb (v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		250	ppb (v/v)
Vinyl chloride	ND		250	ppb (v/v)
Bromomethane	ND		250	ppb (v/v)
Chloroethane	ND		500	ppb (v/v)
Trichlorofluoromethane	ND		250	ppb (v/v)
1,1-Dichloroethene	480		250	ppb (v/v)
Carbon disulfide	ND		1200	ppb (v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	6400		250	ppb (v/v)
Acetone	ND		1200	ppb (v/v)
Methylene chloride	ND		250	ppb (v/v)
trans-1,2-Dichloroethene	ND		250	ppb (v/v)
Methyl t-butyl ether	ND		1200	ppb (v/v)
1,1-Dichloroethane	ND		250	ppb (v/v)
Vinyl acetate	ND		1200	ppb (v/v)
cis-1,2-Dichloroethene	ND		250	ppb (v/v)
2-Butanone	ND		1200	ppb (v/v)
Chloroform	ND		250	ppb (v/v)
1,1,1-Trichloroethane	ND		250	ppb (v/v)
Carbon tetrachloride	590		250	ppb (v/v)
Benzene	ND		250	ppb (v/v)
1,2-Dichloroethane	ND		250	ppb (v/v)
Trichloroethene	21000		250	ppb (v/v)
1,2-Dichloropropane	ND		250	ppb (v/v)
Bromodichloromethane	ND		250	ppb (v/v)
cis-1,3-Dichloropropene	ND		250	ppb (v/v)
4-Methyl-2-pentanone	ND		1200	ppb (v/v)
Toluene	ND		620	ppb (v/v)
trans-1,3-Dichloropropene	ND		250	ppb (v/v)
1,1,2-Trichloroethane	ND		250	ppb (v/v)
Tetrachloroethene	460		250	ppb (v/v)
2-Hexanone	ND		3800	ppb (v/v)
Dibromochloromethane	ND		250	ppb (v/v)
1,2-Dibromoethane (EDB)	ND		250	ppb (v/v)
Chlorobenzene	ND		250	ppb (v/v)
Ethylbenzene	ND		250	ppb (v/v)
Xylenes (total)	ND		250	ppb (v/v)
Styrene	ND		250	ppb (v/v)
Bromoform	ND		250	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND		250	ppb (v/v)
Benzyl chloride	ND		1200	ppb (v/v)
4-Ethyltoluene	ND		250	ppb (v/v)
1,3,5-Trimethylbenzene	ND		250	ppb (v/v)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name: IT Group
Client ID: 18708-750
LAB ID: 136070-0002-SA
Matrix: AIR | Sampled: 01 FEB 99 | Received: 01 FEB 99
Authorized: 01 FEB 99 | Prepared: N/A | Analyzed: 02 FEB 99
Instrument: GC/MS-B | Dilution: 120

Parameter	Result	Qualifier	RL	Units
1,2,4-Trimethylbenzene	ND		250	ppb (v/v)
1,3-Dichlorobenzene	ND		250	ppb (v/v)
1,4-Dichlorobenzene	ND		250	ppb (v/v)
1,2-Dichlorobenzene	ND		250	ppb (v/v)
1,2,4-Trichlorobenzene	ND		2500	ppb (v/v)
Hexachlorobutadiene	ND		500	ppb (v/v)

ND = Not Detected

FEB 10'99 16:37 FR 714 258 0921 TO OHM-IRVINE P.05

Volatile Organics by GCMS - EPA TO14 Modified

Client Name: IT Group
Client ID: 18708-751
LAB ID: 136070-0003-SA
Matrix: AIR
Authorized: 01 FEB 99
Instrument: GC/MS-B

Sampled: 01 FEB 99
Prepared: N/A
Dilution: 120

Received: 01 FEB 99
Analyzed: 02 FEB 99

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		250	ppb (v/v)
Chloromethane	ND		500	ppb (v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		250	ppb (v/v)
Vinyl chloride	ND		250	ppb (v/v)
Bromomethane	ND		250	ppb (v/v)
Chloroethane	ND		500	ppb (v/v)
Trichlorofluoromethane	ND		250	ppb (v/v)
1,1-Dichloroethene	380		250	ppb (v/v)
Carbon disulfide	ND		1200	ppb (v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	5100		250	ppb (v/v)
Acetone	ND		1200	ppb (v/v)
Methylene chloride	ND		250	ppb (v/v)
trans-1,2-Dichloroethene	ND		250	ppb (v/v)
Methyl t-butyl ether	ND		1200	ppb (v/v)
1,1-Dichloroethane	ND		250	ppb (v/v)
Vinyl acetate	ND		1200	ppb (v/v)
cis-1,2-Dichloroethene	ND		250	ppb (v/v)
2-Butanone	ND		1200	ppb (v/v)
Chloroform	ND		250	ppb (v/v)
1,1,1-Trichloroethane	ND		250	ppb (v/v)
Carbon tetrachloride	520		250	ppb (v/v)
Benzene	ND		250	ppb (v/v)
1,2-Dichloroethane	ND		250	ppb (v/v)
Trichloroethene	19000		250	ppb (v/v)
1,2-Dichloropropane	ND		250	ppb (v/v)
Bromodichloromethane	ND		250	ppb (v/v)
cis-1,3-Dichloropropene	ND		250	ppb (v/v)
4-Methyl-2-pentanone	ND		1200	ppb (v/v)
Toluene	ND		620	ppb (v/v)
trans-1,3-Dichloropropene	ND		250	ppb (v/v)
1,1,2-Trichloroethane	ND		250	ppb (v/v)
Tetrachloroethene	440		250	ppb (v/v)
2-Hexanone	ND		3800	ppb (v/v)
Dibromochloromethane	ND		250	ppb (v/v)
1,2-Dibromoethane (EDB)	ND		250	ppb (v/v)
Chlorobenzene	ND		250	ppb (v/v)
Ethylbenzene	ND		250	ppb (v/v)
Xylenes (total)	ND		250	ppb (v/v)
Styrene	ND		250	ppb (v/v)
Bromoform	ND		250	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND		250	ppb (v/v)
Benzyl chloride	ND		1200	ppb (v/v)
4-Ethyltoluene	ND		250	ppb (v/v)
1,3,5-Trimethylbenzene	ND		250	ppb (v/v)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name: IT Group
Client ID: 18708-751
LAB ID: 136070-0003-SA
Matrix: AIR
Authorized: 01 FEB 99
Instrument: GC/MS-B

Sampled: 01 FEB 99
Prepared: N/A
Dilution: 120

Received: 01 FEB 99
Analyzed: 02 FEB 99

Parameter	Result	Qualifier	RL	Units
1,2,4-Trimethylbenzene	ND		250	ppb (v/v)
1,3-Dichlorobenzene	ND		250	ppb (v/v)
1,4-Dichlorobenzene	ND		250	ppb (v/v)
1,2-Dichlorobenzene	ND		250	ppb (v/v)
1,2,4-Trichlorobenzene	ND		2500	ppb (v/v)
Hexachlorobutadiene	ND		500	ppb (v/v)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name: IT Group
Client ID: 18708-749
LAB ID: 136070-0001-SA
Matrix: AIR
Authorized: 01 FEB 99
Instrument: GC/MS-B

Sampled: 01 FEB 99
Prepared: N/A
Dilution: 1.0

Received: 01 FEB 99
Analyzed: 02 FEB 99

Parameter	Result	Qualifier	RL	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
Methyl t-butyl ether	ND		0.036	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	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	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
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		0.0099	ug/L
1,3,5-Trimethylbenzene	ND		0.0098	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

(cont.)

Client Name:	IT Group		
Client ID:	18708-749		
LAB ID:	136070-0001-SA		
Matrix:	AIR	Sampled: 01 FEB 99	Received: 01 FEB 99
Authorized:	01 FEB 99	Prepared: N/A	Analyzed: 02 FEB 99
Instrument:	GC/MS-B	Dilution: 1.0	

Parameter	Result	Qualifier	RL	Units
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		0.042	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name:	IT Group		
Client ID:	18708-750		
LAB ID:	136070-0002-SA		
Matrix:	AIR	Sampled: 01 FEB 99	Received: 01 FEB 99
Authorized:	01 FEB 99	Prepared: N/A	Analyzed: 02 FEB 99
Instrument:	GC/MS-B	Dilution: 120	

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		1.2	ug/L
Chloromethane	ND		1.0	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		1.8	ug/L
Vinyl chloride	ND		0.64	ug/L
Bromomethane	ND		0.98	ug/L
Chloroethane	ND		1.4	ug/L
Trichlorofluoromethane	ND		1.4	ug/L
1,1-Dichloroethene	1.9		0.99	ug/L
Carbon disulfide	ND		3.9	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	49		1.9	ug/L
Acetone	ND		3.0	ug/L
Methylene chloride	ND		0.86	ug/L
trans-1,2-Dichloroethene	ND		0.99	ug/L
Methyl t-butyl ether	ND		4.5	ug/L
1,1-Dichloroethane	ND		1.0	ug/L
Vinyl acetate	ND		4.4	ug/L
cis-1,2-Dichloroethene	ND		0.99	ug/L
2-Butanone	ND		3.6	ug/L
Chloroform	ND		1.2	ug/L
1,1,1-Trichloroethane	ND		1.4	ug/L
Carbon tetrachloride	3.7		1.6	ug/L
Benzene	ND		0.80	ug/L
1,2-Dichloroethane	ND		1.0	ug/L
Trichloroethene	110		1.4	ug/L
1,2-Dichloropropane	ND		1.2	ug/L
Bromodichloromethane	ND		1.6	ug/L
cis-1,3-Dichloropropene	ND		1.1	ug/L
4-Methyl-2-pentanone	ND		5.1	ug/L
Toluene	ND		2.4	ug/L
trans-1,3-Dichloropropene	ND		1.1	ug/L
1,1,2-Trichloroethane	ND		1.4	ug/L
Tetrachloroethene	3.1		1.8	ug/L
2-Hexanone	ND		15	ug/L
Dibromochloromethane	ND		2.1	ug/L
1,2-Dibromoethane (EDB)	ND		1.9	ug/L
Chlorobenzene	ND		1.2	ug/L
Ethylbenzene	ND		1.1	ug/L
Xylenes (total)	ND		1.1	ug/L
Styrene	ND		1.1	ug/L
Bromoform	ND		2.6	ug/L
1,1,2,2-Tetrachloroethane	ND		1.8	ug/L
Benzyl chloride	ND		6.5	ug/L
4-Ethyltoluene	ND		1.2	ug/L
1,3,5-Trimethylbenzene	ND		1.2	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 (cont.)

Client Name:	IT Group		
Client ID:	18708-750		
LAB ID:	136070-0002-SA		
Matrix:	AIR	Sampled: 01 FEB 99	Received: 01 FEB 99
Authorized:	01 FEB 99	Prepared: N/A	Analyzed: 02 FEB 99
Instrument:	GC/MS-B	Dilution: 120	

Parameter	Result	Qualifier	RL	Units
1,2,4-Trimethylbenzene	ND		1.2	ug/L
1,3-Dichlorobenzene	ND		1.5	ug/L
1,4-Dichlorobenzene	ND		1.5	ug/L
1,2-Dichlorobenzene	ND		1.5	ug/L
1,2,4-Trichlorobenzene	ND		19	ug/L
Hexachlorobutadiene	ND		5.2	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name: IT Group
Client ID: 18708-751
LAB ID: 136070-0003-SA
Matrix: AIR
Authorized: 01 FEB 99
Instrument: GC/MS-B

Sampled: 01 FEB 99
Prepared: N/A
Dilution: 120

Received: 01 FEB 99
Analyzed: 02 FEB 99

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		1.2	ug/L
Chloromethane	ND		1.0	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		1.8	ug/L
Vinyl chloride	ND		0.64	ug/L
Bromomethane	ND		0.98	ug/L
Chloroethane	ND		1.4	ug/L
Trichlorofluoromethane	ND		1.4	ug/L
1,1-Dichloroethene	1.5		0.99	ug/L
Carbon disulfide	ND		3.9	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	39		1.9	ug/L
Acetone	ND		3.0	ug/L
Methylene chloride	ND		0.86	ug/L
trans-1,2-Dichloroethene	ND		0.99	ug/L
Methyl t-butyl ether	ND		4.5	ug/L
1,1-Dichloroethane	ND		1.0	ug/L
Vinyl acetate	ND		4.4	ug/L
cis-1,2-Dichloroethene	ND		0.99	ug/L
2-Butanone	ND		3.6	ug/L
Chloroform	ND		1.2	ug/L
1,1,1-Trichloroethane	ND		1.4	ug/L
Carbon tetrachloride	3.3		1.6	ug/L
Benzene	ND		0.80	ug/L
1,2-Dichloroethane	ND		1.0	ug/L
Trichloroethene	100		1.4	ug/L
1,2-Dichloropropane	ND		1.2	ug/L
Bromodichloromethane	ND		1.6	ug/L
cis-1,3-Dichloropropene	ND		1.1	ug/L
4-Methyl-2-pentanone	ND		5.1	ug/L
Toluene	ND		2.4	ug/L
trans-1,3-Dichloropropene	ND		1.1	ug/L
1,1,2-Trichloroethane	ND		1.4	ug/L
Tetrachloroethene	3.0		1.8	ug/L
2-Hexanone	ND		15	ug/L
Dibromochloromethane	ND		2.1	ug/L
1,2-Dibromoethane (EDB)	ND		1.9	ug/L
Chlorobenzene	ND		1.2	ug/L
Ethylbenzene	ND		1.1	ug/L
Xylenes (total)	ND		1.1	ug/L
Styrene	ND		1.1	ug/L
Bromoform	ND		2.6	ug/L
1,1,2,2-Tetrachloroethane	ND		1.8	ug/L
Benzyl chloride	ND		6.5	ug/L
4-Ethyltoluene	ND		1.2	ug/L
1,3,5-Trimethylbenzene	ND		1.2	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

(cont.)

Client Name:	IT Group		
Client ID:	18708-751		
LAB ID:	136070-0003-SA		
Matrix:	AIR	Sampled: 01 FEB 99	Received: 01 FEB 99
Authorized:	01 FEB 99	Prepared: N/A	Analyzed: 02 FEB 99
Instrument:	GC/MS-B	Dilution: 120	

Parameter	Result	Qualifier	RL	Units
1,2,4-Trimethylbenzene	ND		1.2	ug/L
1,3-Dichlorobenzene	ND		1.5	ug/L
1,4-Dichlorobenzene	ND		1.5	ug/L
1,2-Dichlorobenzene	ND		1.5	ug/L
1,2,4-Trichlorobenzene	ND		19	ug/L
Hexachlorobutadiene	ND		5.2	ug/L

ND = Not Detected

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
222402
FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: Thizar Tintut-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5233	LABORATORY SERVICE ID: MQ B100154	LABORATORY CONTACT: Maria Jones	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 14 @ Site 24	PROJECT LOCATION: MCAS El Toro	PROJECT NUMBER: 18708	LABORATORY PHONE: (714) 258-8610	LABORATORY FAX:	RECIPIENT NAME: Duwayne Ishida
PROJECT CONTACT: Thizar Tintut-Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5233	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr, Ste 200
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Santa Ana CA	CLIENT: Lynn Hornecker, SW Div.	CITY, STATE AND ZIPCODE: Santa Ana CA		CITY, STATE, AND ZIPCODE: Irvine CA
PROJECT MANAGER: Bill Sedlak	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5233			

Analyze 'A' Bag First

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: Hold=Conditional	Comments
1	18708-802	Vapor	2/9/99	0915	Ambient	2	III	5 day	X		
2	18708-803	Vapor	2/9/99	0920	Ambient	2	III	24 hr		X	Analyze only if 18708-804 is detected
3	18708-804	Vapor	2/9/99	0925	Ambient	3	III	24 hr	X		
4	18708-805	Vapor	2/9/99	0930	Ambient	3	III	5 day	X		
5											
6											
7											
8											
9											
10											

F Sulley 2/9/99

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

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Linda Sulley	PBCourier	2-9-99	1045	

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	Q
1. 24SVE14 - Amb	x		x	
2. 24SVE14 - Eff	x		x	
3. 24SVE14 - Mid	x		x	
4. 24SVE14 - Inf	x		x	

Comments
3rd Week Sampling event

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

Quanterra Air Toxics Lab

Sample Name:	B100154 -1 OHM	**Data Analyzed:**	9 Feb 1999 17:24
Misc. Info:	500 ML 18708-802 TEDLAR	**Method:**	MSA0209
Data Name:	A2066.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSA~1\990208\	**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		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)	0.01	ND	2.00
12)	Acetone	0.02	ND	10.00
13)	Methylene Chloride	0.02	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.01	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	-0.00	ND	2.00
21)	Carbon Tetrachloride	-0.01	ND	2.00
23)	Benzene	-0.01	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.02	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.39	ND	2.00
30)	4-Methyl-2-Pentanone	-0.09	ND	10.00
32)	Toluene	-0.08	ND	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.50	ND	2.00
36)	Tetrachloroethene	-0.00	ND	2.00
37)	2-Hexanone		ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.01	ND	2.00
42)	p,&m-Xylene	0.01	ND	2.00
43)	o-Xylene	0.13	ND	2.00
44)	Styrene	0.06	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	-1 OHM	**Data Analyzed:**	02/ 9/19 -1:7:
Misc. Info:	500 ML 18708-802 TEDLAR	**Method:**	MSA0209
Data Name:	A2066.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSA~1\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.19	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	0.09	ND	2.00
52)	1,3-Dichlorobenzene	0.27	ND	2.00
53)	1,4-Dichlorobenzene	0.13	ND	2.00
54)	1,2-Dichlorobenzene	-0.22	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	258794	258071	OK	7.53	7.54	OK
1,4-Difluorobenzene	1322938	1349072	OK	9.23	9.22	OK
Chlorobenzene-d5	657299	636808	OK	14.68	14.58	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.82	95.6
Toluene-d8	50	47.75	95.5
4-Bromofluorobenzene	50	50.27	100.5

Comments:

Foot Notes:

1st Review: LR 2/10/99

2nd Review: PNr 2/10/99

Quanterra Air Toxics Lab

Sample Name:	B100154 -2 OHM	**Data Analyzed:**	9 Feb 1999 17:52
Misc. Info:	500 ML 18708-803 TEDLAR	**Method:**	MSA0209
Data Name:	A2067.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSA~1\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.01	ND	2.00
3)	Chloromethane	-0.00	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.01	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)	0.02	ND	2.00
12)	Acetone	0.01	ND	10.00
13)	Methylene Chloride	0.04	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.02	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	0.04	ND	2.00
21)	Carbon Tetrachloride	-0.03	ND	2.00
23)	Benzene	-0.02	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	-0.12	ND	10.00
32)	Toluene	-0.10	ND	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.36	ND	2.00
36)	Tetrachloroethene	0.07	ND	2.00
37)	2-Hexanone	-0.06	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane	-0.28	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	0.18	ND	2.00
44)	Styrene	0.08	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	-2 OHM	**Data Analyzed:**	02/ 9/19 -1:7:
Misc. Info:	500 ML 18708-803 TEDLAR	**Method:**	MSA0209
Data Name:	A2067.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSA~1\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.25	ND	2.00
48)	Benzyl Chloride	0.22	ND	10.00
49)	4-Ethyl Toluene	0.27	ND	2.00
50)	1,3,5-Trimethylbenzene	0.10	ND	2.00
51)	1,2,4-Trimethylbenzene	0.11	ND	2.00
52)	1,3-Dichlorobenzene	0.29	ND	2.00
53)	1,4-Dichlorobenzene	0.15	ND	2.00
54)	1,2-Dichlorobenzene	-0.24	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	258794	265145	OK	7.53	7.54	OK
1,4-Difluorobenzene	1322938	1402824	OK	9.23	9.24	OK
Chlorobenzene-d5	657299	661852	OK	14.68	14.55	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.99	96.0
Toluene-d8	50	46.81	93.6
4-Bromofluorobenzene	50	48.35	96.7

Comments:

Foot Notes:

1st Review: LR 2/10/99

2nd Review: PN 2/10/99

Quanterra Air Toxics Lab

Sample Name:	B100154 -3 OHM	**Data Analyzed:**	9 Feb 1999 15:55
Misc. Info:	500 ML 18708-804 TEDLAR	**Method:**	MSA0209
Data Name:	A2065.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSA–1\990208\	**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	-0.05	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.00	ND	2.00
9)	1,1-Dichloroethene	0.02	3.26	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	0.01	2.05	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		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	0.01	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	-0.15	ND	2.00
30)	4-Methyl-2-Pentanone	-0.15	ND	10.00
32)	Toluene	-0.10	ND	~~2.00~~ 5
34)	t-1,3-Dichloropropene	-0.24	ND	2.00
35)	1,1,2-Trichloroethane	-0.08	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	0.31	ND	2.00
42)	p,&m-Xylene	0.03	ND	2.00
43)	o-Xylene	0.04	ND	2.00
44)	Styrene	0.09	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	-3 OHM	**Data Analyzed:**	02/ 9/19 -1:5:
Misc. Info:	500 ML 18708-804 TEDLAR	**Method:**	MSA0209
Data Name:	A2065.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSA~1\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.57	ND	2.00
48)	Benzyl Chloride	0.28	ND	10.00
49)	4-Ethyl Toluene	0.31	ND	2.00
50)	1,3,5-Trimethylbenzene	0.13	ND	2.00
51)	1,2,4-Trimethylbenzene	0.19	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	0.43	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	258794	281274	OK	7.53	7.54	OK
1,4-Difluorobenzene	1322938	1440313	OK	9.23	9.24	OK
Chlorobenzene-d5	657299	683722	OK	14.68	14.51	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.45	98.9
Toluene-d8	50	48.35	96.7
4-Bromofluorobenzene	50	49.46	98.9

Comments:

Foot Notes:

1st Review: LR 2/10/99

2nd Review: PNI 2/10/99

Quanterra Air Toxics Lab

Sample Name:	B100154 -4 OHM	**Data Analyzed:**	9 Feb 1999 18:19
Misc. Info:	5 ML 18708-805 TEDLAR	**Method:**	MSA0209
Data Name:	A2068.D	**Shift Call.File:**	CC02091.D
Data Path:	D:\GCMSA~1\990208\	**Dilution Factor:**	100

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	200.00
3)	Chloromethane	0.25	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	562.30	200.00
10)	Carbon Disulfide	0.01	ND	1000.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	1889.61	200.00
12)	Acetone	-0.09	ND	1000.00
13)	Methylene Chloride	-0.01	ND	200.00
14)	t-1,2-Dichloroethene	-0.44	ND	200.00
15)	1,1-Dichloroethane		ND	200.00
16)	Vinyl Acetate	-0.27	ND	1000.00
17)	c-1,2-Dichloroethene	0.02	ND	200.00
18)	2-Butanone	-0.32	ND	1000.00
19)	Chloroform	-0.00	ND	200.00
20)	1,1,1-Trichloroethane		ND	200.00
21)	Carbon Tetrachloride	0.02	ND	200.00
23)	Benzene		ND	200.00
25)	1,2-Dichloroethane		ND	200.00
26)	Trichloroethene	-0.00	21102.21	200.00
27)	1,2-Dichloropropane	-0.38	NR ~~283.65~~ RT.	200.00
28)	Bromodichloromethane		ND	200.00
29)	c-1,3-Dichloropropene		ND	200.00
30)	4-Methyl-2-Pentanone	-0.07	ND	1000.00
32)	Toluene	-0.12	ND	~~200.00~~ 500
34)	t-1,3-Dichloropropene	0.29	ND	200.00
35)	1,1,2-Trichloroethane	0.13	ND	200.00
36)	Tetrachloroethene	0.01	368.94	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:	-4 OHM	**Data Analyzed:**	02/ 9/19 -1:8:
Misc. Info:	5 ML 18708-805 TEDLAR	**Method:**	MSA0209
Data Name:	A2068.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSA~1\990208\	**Dilution Factor:**	100

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	200.00
48)	Benzyl Chloride	-0.12	ND	1000.00
49)	4-Ethyl Toluene		ND	200.00
50)	1,3,5-Trimethylbenzene		ND	200.00
51)	1,2,4-Trimethylbenzene	-0.23	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	(600)

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	258794	246071	OK	7.53	7.57	OK
1,4-Difluorobenzene	1322938	1291737	OK	9.23	9.27	OK
Chlorobenzene-d5	657299	600296	OK	14.68	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.86	99.7
Toluene-d8	50	49.78	99.6
4-Bromofluorobenzene	50	46.09	92.2

Comments:

Foot Notes:

1st Review: LR 2/10/99

2nd Review: PN 2/10/99

Quanterra Air Toxics Lab

Sample Name: B1001SF-1 OHM		**Data Analyzed:**	9 Feb 1999 17:24
Misc. Info:	500 ML 18708-802 TEDLAR	**Method:**	MSA0209
Data Name:	a2066.d	**Shift Cali.File:**	CC02091.D
Data Path:	d:\gcmsa~1\990208\	**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		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)	0.01	ND	0.0153	
12)	Acetone	0.02	ND	0.0237	
13)	Methylene Chloride	0.02	ND	0.0069	
14)	t-1,2-Dichloroethene		ND	0.0079	
15)	1,1-Dichloroethane		ND	0.0081	
16)	Vinyl Acetate	0.01	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	-0.00	ND	0.0109	
21)	Carbon Tetrachloride	-0.01	ND	0.0126	
23)	Benzene	-0.01	ND	0.0064	
25)	1,2-Dichloroethane		ND	0.0081	
26)	Trichloroethene	-0.02	ND	0.0107	
27)	1,2-Dichloropropane		ND	0.0092	
28)	Bromodichloromethane		ND	0.0134	
29)	c-1,3-Dichloropropene	0.39	ND	0.0091	
30)	4-Methyl-2-Pentanone	-0.09	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	0.50	ND	0.0109	
36)	Tetrachloroethene	-0.00	ND	0.0135	
37)	2-Hexanone		ND	0.1226	
38)	Dibromochloromethane		ND	0.0170	
39)	1,2-Dibromoethane		ND	0.0153	
40)	Chlorobenzene		ND	0.0092	
41)	Ethylbenzene	0.01	ND	0.0087	
42)	p,&m-Xylene	0.01	ND	0.0087	
43)	o-Xylene	0.13	ND	0.0087	
44)	Styrene	0.06	ND	0.0085	
45)	Bromoform		ND	0.0206	

Sample Name:	-1 OHM	**Data Analyzed:**	02/ 9/19 -1:7:
Misc. Info:	500 ML 18708-802 TEDLAR	**Method:**	MSA0209
Data Name:	a2066.d	**Shift Call.File:**	CC02091.D
Data Path:	d:\gcmsa-1\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.19	ND	0.0137
48)	Benzyl Chloride	0.18	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	0.09	ND	0.0098
52)	1,3-Dichlorobenzene	0.27	ND	0.0120
53)	1,4-Dichlorobenzene	0.13	ND	0.0120
54)	1,2-Dichlorobenzene	-0.22	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	258794	258071	OK	7.53	7.54	OK
1,4-Difluorobenzene	1322938	1349072	OK	9.23	9.22	OK
Chlorobenzene-d5	657299	636808	OK	14.68	14.58	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.82	95.6
Toluene-d8	50	47.75	95.5
4-Bromofluorobenzene	50	50.27	100.5

Comments:

Foot Notes:

1st Review: LR 2/10/99 2nd Review PN 2/10/99

Quanterra Air Toxics Lab

Sample Name:	Blank-2 OHM	**Data Analyzed:**	9 Feb 1999 17:52
Misc. Info:	500 ML 18708-803 TEDLAR	**Method:**	MSA0209
Data Name:	A2067.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSA-1\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)	
2)	Dichlorodifluoromethane (12)	-0.01	ND	0.0099	
3)	Chloromethane	-0.00	ND	0.0082	
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140	
5)	Vinyl Chloride		ND	0.0051	
6)	Bromomethane		ND	0.0078	
7)	Chloroethane		ND	0.0105	
8)	Trichlorofluoromethane (11)	0.01	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)	0.02	ND	0.0153	
12)	Acetone	0.01	ND	0.0237	
13)	Methylene Chloride	0.04	ND	0.0069	
14)	t-1,2-Dichloroethene		ND	0.0079	
15)	1,1-Dichloroethane		ND	0.0081	
16)	Vinyl Acetate	0.02	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	0.04	ND	0.0109	
21)	Carbon Tetrachloride	-0.03	ND	0.0126	
23)	Benzene	-0.02	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	-0.12	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	0.36	ND	0.0109	
36)	Tetrachloroethene	0.07	ND	0.0135	
37)	2-Hexanone	-0.06	ND	0.1226	
38)	Dibromochloromethane		ND	0.0170	
39)	1,2-Dibromoethane	-0.28	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	0.18	ND	0.0087	
44)	Styrene	0.08	ND	0.0085	
45)	Bromoform		ND	0.0206	

Sample Name:	-2 OHM	**Data Analyzed:**	02/ 9/19 -1:7:
Misc. Info:	500 ML 18708-803 TEDLAR	**Method:**	MSA0209
Data Name:	A2067.D	**Shift Call.File:**	CC02091.D
Data Path:	D:\GCMSA-1\990208\	**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	0.22	ND	0.0518
49)	4-Ethyl Toluene	0.27	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.10	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.11	ND	0.0098
52)	1,3-Dichlorobenzene	0.29	ND	0.0120
53)	1,4-Dichlorobenzene	0.15	ND	0.0120
54)	1,2-Dichlorobenzene	-0.24	ND	0.0120
55)	1,2,4-Trichlorobenzene		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.02

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	258794	265145	OK	7.53	7.54	OK
1,4-Difluorobenzene	1322938	1402824	OK	9.23	9.24	OK
Chlorobenzene-d5	657299	661852	OK	14.68	14.55	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.99	96.0
Toluene-d8	50	46.81	93.6
4-Bromofluorobenzene	50	48.35	96.7

Comments:

Foot Notes:

1st Review: LR 2/10/99 2nd Review PN 2/10/99

Quanterra Air Toxics Lab

Sample Name:	B10015443 OHM	**Data Analyzed:**	9 Feb 1999 15:55
Misc. Info:	500 ML 18708-804 TEDLAR	**Method:**	MSA0209
Data Name:	A2065.D	**Shift Call.File:**	CC02091.D
Data Path:	D:\GCMSA-1\990208\	**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	-0.05	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.00	ND	0.0112
9)	1,1-Dichloroethene	0.02	0.0129	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	0.01	0.0071	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		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	0.01	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	-0.15	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.15	ND	0.0409
32)	Toluene	-0.10	ND	~~0.0076~~ 0.019
34)	t-1,3-Dichloropropene	-0.24	ND	0.0091
35)	1,1,2-Trichloroethane	-0.08	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	0.31	ND	0.0087
42)	p,&m-Xylene	0.03	ND	0.0087
43)	o-Xylene	0.04	ND	0.0087
44)	Styrene	0.09	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	-3 OHM	**Data Analyzed:**	02/ 9/19 -1:5:
Misc. Info:	500 ML 18708-804 TEDLAR	**Method:**	MSA0209
Data Name:	A2065.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSA–1\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.57	ND	0.0137
48)	Benzyl Chloride	0.28	ND	0.0518
49)	4-Ethyl Toluene	0.31	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.13	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.19	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	0.43	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	258794	281274	OK	7.53	7.54	OK
1,4-Difluorobenzene	1322938	1440313	OK	9.23	9.24	OK
Chlorobenzene-d5	657299	683722	OK	14.68	14.51	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.45	98.9
Toluene-d8	50	48.35	96.7
4-Bromofluorobenzene	50	49.46	98.9

Comments:

Foot Notes:

1st Review: LR 2/10/99 2nd Review PN 2/10/99

Quanterra Air Toxics Lab

Sample Name: B1001154-4 OHM		**Data Analyzed:**	9 Feb 1999 18:19
Misc. Info:	5 ML 18708-805 TEDLAR	**Method:**	MSA0209
Data Name:	A2068.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSA~1\990208\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)		ND	0.9870
3)	Chloromethane	0.25	ND	0.8244
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	1.3952
5)	Vinyl Chloride		ND	0.5102
6)	Bromomethane		ND	0.7750
7)	Chloroethane		ND	1.0532
8)	Trichlorofluoromethane (11)		ND	1.1214
9)	1,1-Dichloroethene	0.01	2.2250	0.7914
10)	Carbon Disulfide	0.01	ND	3.1080
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	14.4518	1.5296
12)	Acetone	-0.09	ND	2.3710
13)	Methylene Chloride	-0.01	ND	0.6934
14)	t-1,2-Dichloroethene	-0.44	ND	0.7914
15)	1,1-Dichloroethane		ND	0.8078
16)	Vinyl Acetate	-0.27	ND	3.5140
17)	c-1,2-Dichloroethene	0.02	ND	0.7914
18)	2-Butanone	-0.32	ND	2.9430
19)	Chloroform	-0.00	ND	0.9746
20)	1,1,1-Trichloroethane		ND	1.0890
21)	Carbon Tetrachloride	0.02	ND	1.2556
23)	Benzene		ND	0.6376
25)	1,2-Dichloroethane		ND	0.8078
26)	Trichloroethene	-0.00	113.1711	1.0726
27)	1,2-Dichloropropane	-0.38	~~ND 1.3082~~ RT	0.9224
28)	Bromodichloromethane		ND	1.3374
29)	c-1,3-Dichloropropene		ND	0.9058
30)	4-Methyl-2-Pentanone	-0.07	ND	4.0880
32)	Toluene	-0.12	ND	~~0.7522~~ 1.9
34)	t-1,3-Dichloropropene	0.29	ND	0.9058
35)	1,1,2-Trichloroethane	0.13	ND	1.0890
36)	Tetrachloroethene	0.01	2.4974	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

Sample Name:	-4 OHM	**Data Analyzed:**	02/ 9/19 -1:8:
Misc. Info:	5 ML 18708-805 TEDLAR	**Method:**	MSA0209
Data Name:	A2068.D	**Shift Call.File:**	CC02091.D
Data Path:	D:\GCMSA-1\990208\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.3702
48)	Benzyl Chloride	-0.12	ND	5.1760
49)	4-Ethyl Toluene		ND	0.9812
50)	1,3,5-Trimethylbenzene		ND	0.9812
51)	1,2,4-Trimethylbenzene	-0.23	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	258794	246071	OK	7.53	7.57	OK
1,4-Difluorobenzene	1322938	1291737	OK	9.23	9.27	OK
Chlorobenzene-d5	657299	600296	OK	14.68	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.86	99.7
Toluene-d8	50	49.78	99.6
4-Bromofluorobenzene	50	46.09	92.2

Comments:

Foot Notes:

1st Review: LR 2/10/99 2nd Review PN 2/10/99

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
222407

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: Thizar Tinhit-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: M9B160186	LABORATORY CONTACT: Maria Jones	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 14 @ Site 24	PROJECT LOCATION: MCAS El Toro	PROJECT NUMBER: 18708	LABORATORY PHONE: (714) 258-8610	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: Thizar Tinhit-Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr., Ste 200
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Santa Ana CA	CLIENT: Lynn Hemecker, SW Div	CITY, STATE AND ZIPCODE: Santa Ana CA		CITY, STATE, AND ZIPCODE: Irvine CA
PROJECT MANAGER: Bill Sedlak	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyze 'A' Bag first

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Hold-Conditional							Comments
1	18708-832	Vapor	2/16/99	0905	Ambient	2	III	5 DAY	X								
2	18708-833	Vapor	2/16/99	0910	Ambient	2	III	24-hr.		X							Analyze only if 18708-834 is detected.
3	18708-834	Vapor	2/16/99	0915	Ambient	3	III	24-hr.	X								
4	18708-835	Vapor	2/16/99	0930	Ambient	3	III	5 DAY	X								
5	18708-836	Vapor	2/16/99	0937	Ambient	3	IV	5 DAY	X								
6																	
7																	
8					(2)	2/16/99											
9																	
10																	

SAMPLES COLLECTED BY: [signature]

COURIER AND AIR BILL NUMBER:

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
[signature]	Clay E. Estes	2/16/99	3:00 PM	

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

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

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

Comments: 4th weekly sampling

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

d:\gcmsb\990215\B1150.D M9B160186 -1

Quanterra Air Toxics Lab

Sample Name:	CQTN4-102 OHM	**Data Analyzed:**	16 Feb 1999 17:16
Misc. Info:	500ml 18708-832 B160186-1 TEDLA	**Method:**	MSB0216
Data Name:	B1150.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**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		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)	-0.03	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	0.04	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	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	-0.10	ND	10.00
32)	Toluene	-0.09	~~2.87~~ ND RL ~~2.00~~ 5.00	
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	-0.17	ND	2.00
36)	Tetrachloroethene	0.00	ND	2.00
37)	2-Hexanone	-0.06	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene	0.03	ND	2.00
41)	Ethylbenzene	0.04	ND	2.00
42)	p,&m-Xylene	0.02	ND	2.00
43)	o-Xylene	0.04	ND	2.00
44)	Styrene	0.03	ND	2.00
45)	Bromoform		ND	2.00

d:\gcmsb\990215\B1150.D

Sample Name:	CQTN4-101 OHM	**Data Analyzed:**	02/16/19 -1:7:
Misc. Info:	500ml 18708-832 B160186-1 TE	**Method:**	MSB0216
Data Name:	B1150.D	**Shift Call.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.32	ND	2.00
48)	Benzyl Chloride	0.01	ND	10.00
49)	4-Ethyl Toluene	0.00	ND	2.00
50)	1,3,5-Trimethylbenzene	0.10	ND	2.00
51)	1,2,4-Trimethylbenzene	0.04	ND	2.00
52)	1,3-Dichlorobenzene	0.38	ND	2.00
53)	1,4-Dichlorobenzene	0.17	ND	2.00
54)	1,2-Dichlorobenzene	-0.35	ND	2.00
55)	1,2,4-Trichlorobenzene	-0.33	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	274430	287243	OK	7.06	7.06	OK
1,4-Difluorobenzene	1097477	1085875	OK	8.69	8.68	OK
Chlorobenzene-d5	562450	542459	OK	14.01	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.07	102.1
Toluene-d8	50	44.49	89.0
4-Bromofluorobenzene	50	46.80	93.6

Comments:

Foot Notes:

1st Review: PM 2/16/99 2nd Review:

d:\gcmsb\990215\B1149.D

H9B160186 - 2

Quanterra Air Toxics Lab

Sample Name:	CQTNG-102 OHM	**Data Analyzed:**	16 Feb 1999 16:39
Misc. Info:	500ml 18708-834 B160186-3 TEDLA	**Method:**	MSB0216
Data Name:	B1149.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.03	ND	2.00
3)	Chloromethane	0.00	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)	0.00	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	-0.22	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	0.02	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	-0.03	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	0.00	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene		ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	-0.49	ND	2.00
29)	c-1,3-Dichloropropene	0.01	ND	2.00
30)	4-Methyl-2-Pentanone	-0.06	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		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	0.00	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

d:\gcmsb\990215\B1149.D

Sample Name:	CQTNG-101 OHM	**Data Analyzed:**	02/16/19 -1:6:
Misc. Info:	500ml 18708-834 B160186-3 TE	**Method:**	MSB0216
Data Name:	B1149.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.07	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	0.04	ND	2.00
52) 1,3-Dichlorobenzene	0.30	ND	2.00
53) 1,4-Dichlorobenzene	0.09	ND	2.00
54) 1,2-Dichlorobenzene	-0.39	ND	2.00
55) 1,2,4-Trichlorobenzene	0.17	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	274430	296569	OK	7.06	7.05	OK
1,4-Difluorobenzene	1097477	1064219	OK	8.69	8.69	OK
Chlorobenzene-d5	562450	558021	OK	14.01	13.90	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.73	103.5
Toluene-d8	50	44.84	89.7
4-Bromofluorobenzene	50	43.65	87.3

Comments:

Foot Notes:

1st Review: PAT 2/16/99 2nd Review:

d:\gcmsb\990215\B1152.D

Quanterra Air Toxics Lab

Sample Name:	CQTNH-101 OHM	**Data Analyzed:**	16 Feb 1999 18:11
Misc. Info:	3ml 18708-835 B160186-4 TEDLAR	**Method:**	MSB0216
Data Name:	B1152.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**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		ND	333.40
7)	Chloroethane		ND	666.80
8)	Trichlorofluoromethane (11)		ND	333.40
9)	1,1-Dichloroethene	0.01	1021.93	333.40
10)	Carbon Disulfide		ND	1667.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	3849.25	333.40
12)	Acetone	-0.04	ND	1667.00
13)	Methylene Chloride	0.00	ND	333.40
14)	t-1,2-Dichloroethene		ND	333.40
15)	1,1-Dichloroethane	-0.03	ND	333.40
16)	Vinyl Acetate	-0.07	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	0.01	ND	333.40
23)	Benzene		ND	333.40
25)	1,2-Dichloroethane	0.38	ND	333.40
26)	Trichloroethene	0.01	31338.58	333.40
27)	1,2-Dichloropropane		ND	333.40
28)	Bromodichloromethane		ND	333.40
29)	c-1,3-Dichloropropene	-0.15	ND	333.40
30)	4-Methyl-2-Pentanone	-0.03	ND	1667.00
32)	Toluene		ND	~~333.40~~ 834
34)	t-1,3-Dichloropropene		ND	333.40
35)	1,1,2-Trichloroethane	0.17	ND	333.40
36)	Tetrachloroethene	0.02	703.57	333.40
37)	2-Hexanone		ND	5001.00
38)	Dibromochloromethane		ND	333.40
39)	1,2-Dibromoethane		ND	333.40
40)	Chlorobenzene	-0.16	ND	333.40
41)	Ethylbenzene	-0.35	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

d:\gcmsb\990215\B1152.D

Sample Name:	CQTNH-101 OHM	**Data Analyzed:**	02/16/19 -1:8:
Misc. Info:	3ml 18708-835 B160186-4 TEDL	**Method:**	MSB0216
Data Name:	B1152.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	166.7

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.50	ND	333.40
48)	Benzyl Chloride		ND	1667.00
49)	4-Ethyl Toluene		ND	333.40
50)	1,3,5-Trimethylbenzene		ND	333.40
51)	1,2,4-Trimethylbenzene		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	274430	246625	OK	7.06	7.10	OK
1,4-Difluorobenzene	1097477	965174	OK	8.69	8.75	OK
Chlorobenzene-d5	562450	491432	OK	14.01	14.06	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.52	97.0
Toluene-d8	50	51.51	103.0
4-Bromofluorobenzene	50	41.98	84.0

Comments:

Foot Notes:

1st Review: PN 2/16/99 2nd Review:

d:\gcmsb\990215\B1153.D

Quanterra Air Toxics Lab

Sample Name:	CQTNJ-101 OHM	**Data Analyzed:**	16 Feb 1999 18:40
Misc. Info:	3ml 18708-836 B160186-5 TEDLAR	**Method:**	MSB0216
Data Name:	B1153.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**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		ND	333.40
7) Chloroethane		ND	666.80
8) Trichlorofluoromethane (11)		ND	333.40
9) 1,1-Dichloroethene	0.00	998.28	333.40
10) Carbon Disulfide		ND	1667.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	3672.73	333.40
12) Acetone	-0.05	ND	1667.00
13) Methylene Chloride	-0.01	ND	333.40
14) t-1,2-Dichloroethene		ND	333.40
15) 1,1-Dichloroethane		ND	333.40
16) Vinyl Acetate	-0.02	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	0.35	ND	333.40
26) Trichloroethene	-0.00	32050.98	333.40
27) 1,2-Dichloropropane	-0.28	ND	333.40
28) Bromodichloromethane		ND	333.40
29) c-1,3-Dichloropropene	0.01	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		ND	333.40
36) Tetrachloroethene	0.02	706.32	333.40
37) 2-Hexanone	0.27	ND	5001.00
38) Dibromochloromethane		ND	333.40
39) 1,2-Dibromoethane		ND	333.40
40) Chlorobenzene		ND	333.40
41) Ethylbenzene	-0.42	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

d:\gcmsb\990215\B1153.D

Sample Name:	CQTNJ-101 OHM	**Data Analyzed:**	02/16/19 -1:8:
Misc. Info:	3ml 18708-838 B160186-5 TEDL	**Method:**	MSB0216
Data Name:	B1153.D	**Shift Call.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	166.7

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	333.40
48) Benzyl Chloride		ND	1667.00
49) 4-Ethyl Toluene		ND	333.40
50) 1,3,5-Trimethylbenzene		ND	333.40
51) 1,2,4-Trimethylbenzene		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	274430	261501	OK	7.06	7.06	OK
1,4-Difluorobenzene	1097477	965899	OK	8.69	8.71	OK
Chlorobenzene-d5	562450	500601	OK	14.01	14.00	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.39	94.8
Toluene-d8	50	53.26	106.5
4-Bromofluorobenzene	50	44.72	89.4

Comments:

Foot Notes:

1st Review: PNS 2/16/99 2nd Review:

d:\gcmsb\990215\b1150.d

Quanterra Air Toxics Lab

Sample Name:	CQTN4-~~102~~ -101 OHM	Data Analyzed:	16 Feb 1999 17:16
Misc. Info:	500ml 18708-832 B160186-1 TEDL	Method:	MSB0216
Data Name:	b1150.d	Shift Cali.File:	CC02161.D
Data Path:	d:\gcmsb\990215\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.02	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)	0.00	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)	-0.03	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	0.04	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	0.02	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		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	-0.09	~~0.0106~~ ND RC	~~0.0076~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	-0.17	ND	0.0109
36)	Tetrachloroethene	0.00	ND	0.0135
37)	2-Hexanone	-0.06	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene	0.03	ND	0.0092
41)	Ethylbenzene	0.04	ND	0.0087
42)	p,&m-Xylene	0.02	ND	0.0087
43)	o-Xylene	0.04	ND	0.0087
44)	Styrene	0.03	ND	0.0085
45)	Bromoform		ND	0.0206

d:\gcmsb\990215\b1150.d

Sample Name:	CQTN4-101 OHM	**Data Analyzed:**	02/16/19 -1:7:
Misc. Info:	500ml 18708-832 B160186-1 T	**Method:**	MSB0216
Data Name:	b1150.d	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.32	ND	0.0137
48)	Benzyl Chloride	0.01	ND	0.0518
49)	4-Ethyl Toluene	0.00	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.10	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.04	ND	0.0098
52)	1,3-Dichlorobenzene	0.38	ND	0.0120
53)	1,4-Dichlorobenzene	0.17	ND	0.0120
54)	1,2-Dichlorobenzene	-0.35	ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.33	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		KD	0.026

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	274430	287243	OK	7.06	7.06	OK
1,4-Difluorobenzene	1097477	1085875	OK	8.69	8.68	OK
Chlorobenzene-d5	562450	542459	OK	14.01	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.07	102.1
Toluene-d8	50	44.49	89.0
4-Bromofluorobenzene	50	46.80	93.6

Comments:

Foot Notes:

1st Review: PM 2/16/99 2nd Review

d:\gcmsb\990215\b1149.d

Quanterra Air Toxics Lab

Sample Name:	CQTNG-~~102~~ -101 OHM	**Data Analyzed:**	16 Feb 1999 16:39
Misc. Info:	500ml 18708-834 B160186-3 TEDL	**Method:**	MSB0216
Data Name:	B1149.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1	-0.03	ND	0.0099
3) Chloromethan	0.00	ND	0.0082
4) 1,2-Cl-1,1,2,2-F ethane (114)	0.00	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	-0.22	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	0.02	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	-0.03	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	0.00	ND	0.0064
25) 1,2-Dichloroethane		ND	0.0081
26) Trichloroethene		ND	0.0107
27) 1,2-Dichloropropane		ND	0.0092
28) Bromodichloromethane	-0.49	ND	0.0134
29) c-1,3-Dichloropropene	0.01	ND	0.0091
30) 4-Methyl-2-Pentanone	-0.06	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		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	0.00	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

d:\gcmsb\990215\b1149.d

Sample Name:	CQTNG-101 OHM	**Data Analyzed:**	02/16/19 -1:6:
Misc. Info:	500ml 18708-834 B160186-3 T	**Method:**	MSB0216
Data Name:	B1149.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.07	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	0.04	ND	0.0098
52)	1,3-Dichlorobenzene	0.30	ND	0.0120
53)	1,4-Dichlorobenzene	0.09	ND	0.0120
54)	1,2-Dichlorobenzene	-0.39	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.17	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	274430	296569	OK	7.06	7.05	OK
1,4-Difluorobenzene	1097477	1064219	OK	8.69	8.69	OK
Chlorobenzene-d5	562450	556021	OK	14.01	13.90	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.73	103.5
Toluene-d8	50	44.84	89.7
4-Bromofluorobenzene	50	43.65	87.3

Comments:

Foot Notes:

1st Review: PN 2/16/99 2nd Review

d:\gcmsb\990215\b1152.d

Quanterra Air Toxics Lab

Sample Name:	CQTNH ~~402~~ -101 OHM	**Data Analyzed:**	16 Feb 1999 18:11
Misc. Info:	3ml 18708-835 B160186-4 TEDLA	**Method:**	MSB0216
Data Name:	B1152.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	166.7

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1		ND	1.6453
3) Chloromethan		ND	1.3743
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	2.3258
5) Vinyl Chloride		ND	0.8505
6) Bromomethan		ND	1.2919
7) Chloroethane		ND	1.7557
8) Trichlorofluoromethane (11)		ND	1.8694
9) 1,1-Dichloroethene	0.01	4.0438	1.3193
10) Carbon Disulfide		ND	5.1810
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.00	29.4390	2.5498
12) Acetone	-0.04	ND	3.9525
13) Methylene Chloride	0.00	ND	1.1559
14) t-1,2-Dichloroethene		ND	1.3193
15) 1,1-Dichloroethane	-0.03	ND	1.3466
16) Vinyl Acetate	-0.07	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	0.01	ND	2.0931
23) Benzene		ND	1.0629
25) 1,2-Dichloroethane	0.38	ND	1.3466
26) Trichloroethene	0.01	168.0688	1.7880
27) 1,2-Dichloropropane		ND	1.5376
28) Bromodichloromethane		ND	2.2294
29) c-1,3-Dichloropropene	-0.15	ND	1.5100
30) 4-Methyl-2-Pentanone	-0.03	ND	6.8147
32) Toluene		ND	~~1.2539~~ 3.135
34) t-1,3-Dichloropropene		ND	1.5100
35) 1,1,2-Trichloroethane	0.17	ND	1.8154
36) Tetrachloroethene	0.02	4.7625	2.2568
37) 2-Hexanone		ND	20.4441
38) Dibromochloromethane		ND	2.8346
39) 1,2-Dibromoethane		ND	2.5565
40) Chlorobenzene	-0.16	ND	1.5316
41) Ethylbenzene	-0.35	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

d:\gcmsb\990215\b1152.d

Sample Name:	CQTNH-101 OHM	**Data Analyzed:**	02/16/19 -1:8:
Misc. Info:	3ml 18708-835 B160186-4 TED	**Method:**	MSB0216
Data Name:	B1152.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	166.7

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.50	ND	2.2841
48)	Benzyl Chloride		ND	8.6284
49)	4-Ethyl Toluene		ND	1.6357
50)	1,3,5-Trimethylbenzene		ND	1.6357
51)	1,2,4-Trimethylbenzene		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		ND	6.00

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	274430	246625	OK	7.06	7.10	OK
1,4-Difluorobenzene	1097477	965174	OK	8.69	8.75	OK
Chlorobenzene-d5	562450	491432	OK	14.01	14.06	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.52	97.0
Toluene-d8	50	51.51	103.0
4-Bromofluorobenzene	50	41.98	84.0

Comments:

Foot Notes:

1st Review: PMF 2/16/99 2nd Review

d:\gcmsb\990215\b1153.d

Quanterra Air Toxics Lab

Sample Name:	CQTNJ-~~102~~ -101 OHM	**Data Analyzed:**	16 Feb 1999 18:40
Misc. Info:	3ml 18708-836 B160186-5 TEDLA	**Method:**	MSB0216
Data Name:	B1153.D	**Shift Cali.File:**	CC02161.D
Data Path:	D:\GCMSB\990215\	**Dilution Factor:**	166.7

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1		ND	1.6453
3) Chloromethan		ND	1.3743
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	2.3258
5) Vinyl Chloride		ND	0.8505
6) Bromomethan		ND	1.2919
7) Chloroethane		ND	1.7557
8) Trichlorofluoromethane (11)		ND	1.8694
9) 1,1-Dichloroethene	0.00	3.9502	1.3193
10) Carbon Disulfide		ND	5.1810
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	28.0891	2.5498
12) Acetone	-0.05	ND	3.9525
13) Methylene Chloride	-0.01	ND	1.1559
14) t-1,2-Dichloroethene		ND	1.3193
15) 1,1-Dichloroethane		ND	1.3466
16) Vinyl Acetate	-0.02	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	0.35	ND	1.3466
26) Trichloroethene	-0.00	171.8894	1.7880
27) 1,2-Dichloropropane	-0.28	ND	1.5376
28) Bromodichloromethane		ND	2.2294
29) c-1,3-Dichloropropene	0.01	ND	1.5100
30) 4-Methyl-2-Pentanone	-0.02	ND	6.8147
32) Toluene		ND	~~1.2539~~ 3.175
34) t-1,3-Dichloropropene		ND	1.5100
35) 1,1,2-Trichloroethane		ND	1.8154
36) Tetrachloroethene	0.02	4.7811	2.2568
37) 2-Hexanone	0.27	ND	20.4441
38) Dibromochloromethane		ND	2.8346
39) 1,2-Dibromoethane		ND	2.5565
40) Chlorobenzene		ND	1.5316
41) Ethylbenzene	-0.42	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

d:\gcmsb\990215\b1153.d

Sample Name:	CQTNJ-101 OHM	**Data Analyzed:**	02/16/19 -1:8:
Misc. Info:	3ml 18708-836 B160186-5 TED	**Method:**	MSB0216
Data Name:	B1153.D	**Shift Call.File:**	CC02161.D
Data Path:	D:\GCMSB\990215\	**Dilution Factor:**	166.7

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	2.2841
48)	Benzyl Chloride		ND	8.6284
49)	4-Ethyl Toluene		ND	1.6357
50)	1,3,5-Trimethylbenzene		ND	1.6357
51)	1,2,4-Trimethylbenzene		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		ND	6.00

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	274430	261501	OK	7.06	7.06	OK
1,4-Difluorobenzene	1097477	965899	OK	8.69	8.71	OK
Chlorobenzene-d5	562450	500601	OK	14.01	14.00	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.39	94.8
Toluene-d8	50	53.26	106.5
4-Bromofluorobenzene	50	44.72	89.4

Comments:

Foot Notes:

1st Review: PM 2/16/99 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

219488

FORM 0019 REV. 7-97

OHM's LAB COORDINATOR: Thizar Tinhut-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: Q136079	LABORATORY CONTACT: Maria Jones	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE54 @ Site 24	PROJECT LOCATION: MCAS El Toro	PROJECT NUMBER: 18708	LABORATORY PHONE: (310) 965-1006	LABORATORY FAX:	RECIPIENT NAME: Duwayne Ishida
PROJECT CONTACT: Thizar Tinhut-Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr., Ste 200
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Santa Ana, CA	CLIENT: Lynn Homecker, SW Div.	CITY, STATE AND ZIPCODE: Santa Ana CA		CITY, STATE AND ZIPCODE: Irvine CA
PROJECT MANAGER: Bill Sedlak	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyses: TO-14 Hold-Conditional

Analyze 'A' Bag First

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	TO-14	Hold-Conditional	Comments
1	18708-758 ✓	Vapor	2/2/99	1035	Unbiased	2	III	5day	X		
2	18708-759 ✓	Vapor	2/2/99	1030	Unbiased	3	III	5day	X		
3	18708-760	Vapor	2/2/99	1040	Unbiased	3	III	24hr	X		
4	18708-761	Vapor	2/2/99	1050	Unbiased	2	III	24hr		X	Analyze only if 18708-760 is detected
5	18708-762 ✓	Vapor	2/2/99	1315	Unbiased	3	III	5day	X		
6	18708-763	Vapor	2/2/99	1320	Unbiased	3	III	24hr	X		
7	18708-764	Vapor	2/2/99	1325	Unbiased	2	III	24hr		X	Analyze only if 18708-763 is detected
8											

Linda Turley 2/2/99

SAMPLES COLLECTED BY: Linda Turley

RELINQUISHED BY: Linda Turley

COOLER AND AIR BILL NUMBER:

COOLER TEMPERATURE UPON RECEIPT:

RECEIVED BY	DATE	TIME	SAMPLES CONDITION UPON RECEIPT

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

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

Sample Point Location	Sample Type G	C	F	QC
(1) 24SVE54 - Amb	X		X	X
(2) 24SVE54 - Inf	X		X	
(3) 24SVE54 - Mid	X		X	
(4) 24SVE54 - Eff	X		X	
(5) 24SVE54 - Inf	X		X	
(6) 24SVE54 - Mid	X		X	
(7) 24SVE54 - Eff	X		X	

Comments:

(1)-(4) 1-hr Startup Sampling
(5)-(7) 1-hr Sampling

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

Volatile Organics by GCMS - EPA TO14 Modified

Client Name: IT Group
Client ID: 18708-758
LAB ID: 136079-0001-SA
Matrix: AIR — Sampled: 02 FEB 99 — Received: 02 FEB 99
Authorized: 02 FEB 99 — Prepared: N/A — Analyzed: 03 FEB 99
Instrument: GC/MS-B — Dilution: 1.0

Parameter	Result	Qualifier	RL	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)
Methyl t-butyl ether	ND		10	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	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	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)
Chlorobenzene	ND		2.0	ppb (v/v)
Ethylbenzene	ND		2.0	ppb (v/v)
Xylenes (total)	2.6		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)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name:	IT Group		
Client ID:	18708-758		
LAB ID:	136079-0001-SA		
Matrix:	AIR	Sampled: 02 FEB 99	Received: 02 FEB 99
Authorized:	02 FEB 99	Prepared: N/A	Analyzed: 03 FEB 99
Instrument:	GC/MS-B	Dilution: 1.0	

Parameter	Result	Qualifier	RL	Units
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)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified

Client Name: IT Group
Client ID: 18708-759
LAB ID: 136079-0002-SA
Matrix: AIR
Authorized: 02 FEB 99
Instrument: GC/MS-B

Sampled: 02 FEB 99
Prepared: N/A
Dilution: 100

Received: 02 FEB 99
Analyzed: 03 FEB 99

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		200	ppb (v/v)
Chloromethane	ND		400	ppb (v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		200	ppb (v/v)
Vinyl chloride	ND		200	ppb (v/v)
Bromomethane	ND		200	ppb (v/v)
Chloroethane	ND		400	ppb (v/v)
Trichlorofluoromethane	ND		200	ppb (v/v)
1,1-Dichloroethene	250		200	ppb (v/v)
Carbon disulfide	ND		1000	ppb (v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	2400		200	ppb (v/v)
Acetone	ND		1000	ppb (v/v)
Methylene chloride	ND		200	ppb (v/v)
trans-1,2-Dichloroethene	ND		200	ppb (v/v)
Methyl t-butyl ether	ND		1000	ppb (v/v)
1,1-Dichloroethane	ND		200	ppb (v/v)
Vinyl acetate	ND		1000	ppb (v/v)
cis-1,2-Dichloroethene	ND		200	ppb (v/v)
2-Butanone	ND		1000	ppb (v/v)
Chloroform	ND		200	ppb (v/v)
1,1,1-Trichloroethane	ND		200	ppb (v/v)
Carbon tetrachloride	ND		200	ppb (v/v)
Benzene	ND		200	ppb (v/v)
1,2-Dichloroethane	ND		200	ppb (v/v)
Trichloroethene	16000		200	ppb (v/v)
1,2-Dichloropropane	ND		200	ppb (v/v)
Bromodichloromethane	ND		200	ppb (v/v)
cis-1,3-Dichloropropene	ND		200	ppb (v/v)
4-Methyl-2-pentanone	ND		1000	ppb (v/v)
Toluene	ND		500	ppb (v/v)
trans-1,3-Dichloropropene	ND		200	ppb (v/v)
1,1,2-Trichloroethane	ND		200	ppb (v/v)
Tetrachloroethene	400		200	ppb (v/v)
2-Hexanone	ND		3000	ppb (v/v)
Dibromochloromethane	ND		200	ppb (v/v)
1,2-Dibromoethane (EDB)	ND		200	ppb (v/v)
Chlorobenzene	ND		200	ppb (v/v)
Ethylbenzene	ND		200	ppb (v/v)
Xylenes (total)	ND		200	ppb (v/v)
Styrene	ND		200	ppb (v/v)
Bromoform	ND		200	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND		200	ppb (v/v)
Benzyl chloride	ND		1000	ppb (v/v)
4-Ethyltoluene	ND		200	ppb (v/v)
1,3,5-Trimethylbenzene	ND		200	ppb (v/v)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name:	IT Group		
Client ID:	18708-759		
LAB ID:	136079-0002-SA		
Matrix:	AIR	Sampled: 02 FEB 99	Received: 02 FEB 99
Authorized:	02 FEB 99	Prepared: N/A	Analyzed: 03 FEB 99
Instrument:	GC/MS-B	Dilution: 100	

Parameter	Result	Qualifier	RL	Units
1,2,4-Trimethylbenzene	ND		200	ppb (v/v)
1,3-Dichlorobenzene	ND		200	ppb (v/v)
1,4-Dichlorobenzene	ND		200	ppb (v/v)
1,2-Dichlorobenzene	ND		200	ppb (v/v)
1,2,4-Trichlorobenzene	ND		2000	ppb (v/v)
Hexachlorobutadiene	ND		400	ppb (v/v)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified

Client Name: IT Group
Client ID: 18708-762
LAB ID: 136079-0005-SA
Matrix: AIR — Sampled: 02 FEB 99 — Received: 02 FEB 99
Authorized: 02 FEB 99 — Prepared: N/A — Analyzed: 03 FEB 99
Instrument: GC/MS-B — Dilution: 170

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		330	ppb (v/v)
Chloromethane	ND		670	ppb (v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		330	ppb (v/v)
Vinyl chloride	ND		330	ppb (v/v)
Bromomethane	ND		330	ppb (v/v)
Chloroethane	ND		670	ppb (v/v)
Trichlorofluoromethane	ND		330	ppb (v/v)
1,1-Dichloroethene	410		330	ppb (v/v)
Carbon disulfide	ND		1700	ppb (v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	3800		330	ppb (v/v)
Acetone	ND		1700	ppb (v/v)
Methylene chloride	ND		330	ppb (v/v)
trans-1,2-Dichloroethene	ND		330	ppb (v/v)
Methyl t-butyl ether	ND		1700	ppb (v/v)
1,1-Dichloroethane	ND		330	ppb (v/v)
Vinyl acetate	ND		1700	ppb (v/v)
cis-1,2-Dichloroethene	ND		330	ppb (v/v)
2-Butanone	ND		1700	ppb (v/v)
Chloroform	ND		330	ppb (v/v)
1,1,1-Trichloroethane	ND		330	ppb (v/v)
Carbon tetrachloride	ND		330	ppb (v/v)
Benzene	ND		330	ppb (v/v)
1,2-Dichloroethane	ND		330	ppb (v/v)
Trichloroethene	27000		330	ppb (v/v)
1,2-Dichloropropane	ND		330	ppb (v/v)
Bromodichloromethane	ND		330	ppb (v/v)
cis-1,3-Dichloropropene	ND		330	ppb (v/v)
4-Methyl-2-pentanone	ND		1700	ppb (v/v)
Toluene	ND		830	ppb (v/v)
trans-1,3-Dichloropropene	ND		330	ppb (v/v)
1,1,2-Trichloroethane	ND		330	ppb (v/v)
Tetrachloroethene	700		330	ppb (v/v)
2-Hexanone	ND		5000	ppb (v/v)
Dibromochloromethane	ND		330	ppb (v/v)
1,2-Dibromoethane (EDB)	ND		330	ppb (v/v)
Chlorobenzene	ND		330	ppb (v/v)
Ethylbenzene	ND		330	ppb (v/v)
Xylenes (total)	ND		330	ppb (v/v)
Styrene	ND		330	ppb (v/v)
Bromoform	ND		330	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND		330	ppb (v/v)
Benzyl chloride	ND		1700	ppb (v/v)
4-Ethyltoluene	ND		330	ppb (v/v)
1,3,5-Trimethylbenzene	ND		330	ppb (v/v)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name: IT Group
Client ID: 18708-762
LAB ID: 136079-0005-SA
Matrix: AIR Sampled: 02 FEB 99 Received: 02 FEB 99
Authorized: 02 FEB 99 Prepared: N/A Analyzed: 03 FEB 99
Instrument: GC/MS-B Dilution: 170

Parameter	Result	Qualifier	RL	Units
1,2,4-Trimethylbenzene	ND		330	ppb (v/v)
1,3-Dichlorobenzene	ND		330	ppb (v/v)
1,4-Dichlorobenzene	ND		330	ppb (v/v)
1,2-Dichlorobenzene	ND		330	ppb (v/v)
1,2,4-Trichlorobenzene	ND		3300	ppb (v/v)
Hexachlorobutadiene	ND		670	ppb (v/v)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name: IT Group
Client ID: 18708-758
LAB ID: 136079-0001-SA
Matrix: AIR
Authorized: 02 FEB 99
Instrument: GC/MS-B

Sampled: 02 FEB 99
Prepared: N/A
Dilution: 1.0

Received: 02 FEB 99
Analyzed: 03 FEB 99

Parameter	Result	Qualifier	RL	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
Methyl t-butyl ether	ND		0.036	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	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	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
Chlorobenzene	ND		0.0092	ug/L
Ethylbenzene	ND		0.0087	ug/L
Xylenes (total)	0.011		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		0.0099	ug/L
1,3,5-Trimethylbenzene	ND		0.0098	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 (cont.)

Client Name:	IT Group		
Client ID:	18708-758		
LAB ID:	136079-0001-SA		
Matrix:	AIR	Sampled: 02 FEB 99	Received: 02 FEB 99
Authorized:	02 FEB 99	Prepared: N/A	Analyzed: 03 FEB 99
Instrument:	GC/MS-B	Dilution: 1.0	

Parameter	Result	Qualifier	RL	Units
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		0.042	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name: IT Group
Client ID: 18708-759
LAB ID: 136079-0002-SA
Matrix: AIR
Authorized: 02 FEB 99
Instrument: GC/MS-B

Sampled: 02 FEB 99
Prepared: N/A
Dilution: 100

Received: 02 FEB 99
Analyzed: 03 FEB 99

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		0.99	ug/L
Chloromethane	ND		0.82	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		1.4	ug/L
Vinyl chloride	ND		0.51	ug/L
Bromomethane	ND		0.78	ug/L
Chloroethane	ND		1.1	ug/L
Trichlorofluoromethane	ND		1.1	ug/L
1,1-Dichloroethene	0.98		0.79	ug/L
Carbon disulfide	ND		3.1	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	18		1.5	ug/L
Acetone	ND		2.4	ug/L
Methylene chloride	ND		0.69	ug/L
trans-1,2-Dichloroethene	ND		0.79	ug/L
Methyl t-butyl ether	ND		3.6	ug/L
1,1-Dichloroethane	ND		0.81	ug/L
Vinyl acetate	ND		3.5	ug/L
cis-1,2-Dichloroethene	ND		0.79	ug/L
2-Butanone	ND		2.9	ug/L
Chloroform	ND		0.97	ug/L
1,1,1-Trichloroethane	ND		1.1	ug/L
Carbon tetrachloride	ND		1.3	ug/L
Benzene	ND		0.64	ug/L
1,2-Dichloroethane	ND		0.81	ug/L
Trichloroethene	87		1.1	ug/L
1,2-Dichloropropane	ND		0.92	ug/L
Bromodichloromethane	ND		1.3	ug/L
cis-1,3-Dichloropropene	ND		0.91	ug/L
4-Methyl-2-pentanone	ND		4.1	ug/L
Toluene	ND		1.9	ug/L
trans-1,3-Dichloropropene	ND		0.91	ug/L
1,1,2-Trichloroethane	ND		1.1	ug/L
Tetrachloroethene	2.7		1.4	ug/L
2-Hexanone	ND		12	ug/L
Dibromochloromethane	ND		1.7	ug/L
1,2-Dibromoethane (EDB)	ND		1.5	ug/L
Chlorobenzene	ND		0.92	ug/L
Ethylbenzene	ND		0.87	ug/L
Xylenes (total)	ND		0.87	ug/L
Styrene	ND		0.85	ug/L
Bromoform	ND		2.1	ug/L
1,1,2,2-Tetrachloroethane	ND		1.4	ug/L
Benzyl chloride	ND		5.2	ug/L
4-Ethyltoluene	ND		0.99	ug/L
1,3,5-Trimethylbenzene	ND		0.98	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 (cont.)

Client Name:	IT Group		
Client ID:	18708-759		
LAB ID:	136079-0002-SA		
Matrix:	AIR	Sampled: 02 FEB 99	Received: 02 FEB 99
Authorized:	02 FEB 99	Prepared: N/A	Analyzed: 03 FEB 99
Instrument:	GC/MS-B	Dilution: 100	

Parameter	Result	Qualifier	RL	Units
1,2,4-Trimethylbenzene	ND		0.98	ug/L
1,3-Dichlorobenzene	ND		1.2	ug/L
1,4-Dichlorobenzene	ND		1.2	ug/L
1,2-Dichlorobenzene	ND		1.2	ug/L
1,2,4-Trichlorobenzene	ND		15	ug/L
Hexachlorobutadiene	ND		4.2	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name: IT Group
Client ID: 18708-762
LAB ID: 136079-0005-SA
Matrix: AIR — Sampled: 02 FEB 99 — Received: 02 FEB 99
Authorized: 02 FEB 99 — Prepared: N/A — Analyzed: 03 FEB 99
Instrument: GC/MS-B — Dilution: 170

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		1.7	ug/L
Chloromethane	ND		1.4	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		2.3	ug/L
Vinyl chloride	ND		0.85	ug/L
Bromomethane	ND		1.3	ug/L
Chloroethane	ND		1.8	ug/L
Trichlorofluoromethane	ND		1.8	ug/L
1,1-Dichloroethene	1.6		1.3	ug/L
Carbon disulfide	ND		5.2	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	29		2.5	ug/L
Acetone	ND		4.0	ug/L
Methylene chloride	ND		1.2	ug/L
trans-1,2-Dichloroethene	ND		1.3	ug/L
Methyl t-butyl ether	ND		6.0	ug/L
1,1-Dichloroethane	ND		1.4	ug/L
Vinyl acetate	ND		5.8	ug/L
cis-1,2-Dichloroethene	ND		1.3	ug/L
2-Butanone	ND		4.8	ug/L
Chloroform	ND		1.6	ug/L
1,1,1-Trichloroethane	ND		1.8	ug/L
Carbon tetrachloride	ND		2.2	ug/L
Benzene	ND		1.1	ug/L
1,2-Dichloroethane	ND		1.4	ug/L
Trichloroethene	150		1.8	ug/L
1,2-Dichloropropane	ND		1.5	ug/L
Bromodichloromethane	ND		2.2	ug/L
cis-1,3-Dichloropropene	ND		1.5	ug/L
4-Methyl-2-pentanone	ND		6.8	ug/L
Toluene	ND		3.2	ug/L
trans-1,3-Dichloropropene	ND		1.5	ug/L
1,1,2-Trichloroethane	ND		1.8	ug/L
Tetrachloroethene	4.7		2.3	ug/L
2-Hexanone	ND		20	ug/L
Dibromochloromethane	ND		2.8	ug/L
1,2-Dibromoethane (EDB)	ND		2.5	ug/L
Chlorobenzene	ND		1.5	ug/L
Ethylbenzene	ND		1.5	ug/L
Xylenes (total)	ND		1.5	ug/L
Styrene	ND		1.4	ug/L
Bromoform	ND		3.5	ug/L
1,1,2,2-Tetrachloroethane	ND		2.3	ug/L
Benzyl chloride	ND		8.7	ug/L
4-Ethyltoluene	ND		1.7	ug/L
1,3,5-Trimethylbenzene	ND		1.6	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 (cont.)

Client Name: IT Group
Client ID: 18708-762
LAB ID: 136079-0005-SA
Matrix: AIR Sampled: 02 FEB 99 Received: 02 FEB 99
Authorized: 02 FEB 99 Prepared: N/A Analyzed: 03 FEB 99
Instrument: GC/MS-B Dilution: 170

Parameter	Result	Qualifier	RL	Units
1,2,4-Trimethylbenzene	ND		1.6	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		25	ug/L
Hexachlorobutadiene	ND		7.0	ug/L

ND = Not Detected

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
219491
FORM 0019 REV 2-97

LAB COORDINATOR: Bar Tuttle-Millione	LAB COORDINATOR'S PHONE: (419) 666-5366	LAB COORDINATOR'S FAX: (419) 475-5433	LABORATORY SERVICE ID: Q136083	LABORATORY CONTACT: Maria Torres	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: VE Sitewide	PROJECT LOCATION: MAC, El Toro	PROJECT NUMBER: 18768	LABORATORY PHONE: (714) 258-8610	LABORATORY FAX:	RECIPIENT NAME: Dwayne Isenda
PROJECT CONTACT: Bar Tuttle-Millione	PROJECT PHONE NUMBER: (419) 666-5366	PROJECT FAX: (419) 475-5433	LABORATORY ADDRESS: 4 Marconi Ira		ADDRESS: 3347 Michelson Dr. Ste. 700
PROJECT ADDRESS: MAC, El Toro	CITY, STATE AND ZIPCODE: Santa Ana, CA	CLIENT: Lynn Hancock, W Div.	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine CA
PROJECT MANAGER: Bill Cadillac	PROJECT MANAGER'S PHONE: (419) 666-5366	PROJECT MANAGER'S FAX: (419) 475-5433			

Analyze 'A' Bag first

Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: Hexane-Cumulative	Comments
18768-765 ✓	Vapor	2/2/99	0145	Ambient	2	III	24 hr	X		
18768-766 ✓	Vapor	2/2/99	0950	Ambient	3	III	24 hr	X		
18768-767 ✓	Vapor	2/2/99	1955	Ambient	3	III	24 hr	X		
18768-768	Vapor	2/2/99	1945	Ambient	3	III	24 hr	X		
18768-769	Vapor	2/2/99	1010	Ambient	2	III	24 hr		X	Analyze only if 18768-768 is detected
			Finley	2/3/99						

SAMPLES COLLECTED BY: Linda Finley	COURIER AND AIR BILL NUMBER:			COOLER TEMPERATURE UPON RECEIPT:
RELINQUISHED BY: Linda Finley	RECEIVED BY: Gary Finley	DATE: 2-3-99	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

Sample Point Location	Sample Type: G	C	F	QC
(1) 24SVE54-Amb	X		X	X
(2) 24SVE54-Inf	X		X	
(3) 24SVE54-Inf(Dup)	X		X	X
(4) 24SVE54-Mid	X		X	
(5) 24SVE54-Eff	X		X	

Comments: 24-hr Sampling Event

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

Quanterra Air Toxics Lab

Sample Name:	136083-1 OHM	**Data Analyzed:**	4 Feb 1999 13:34
Misc. Info:	500 ML 18708-765 TEDLARG	**Method:**	MSA0204
Data Name:	A2018.D	**Shift Cali.File:**	CC02041.D
Data Path:	D:\GCMSA~1\990201\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	0.00	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	-0.27	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	0.03	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	-0.10	ND	10.00
17)	c-1,2-Dichloroethene	0.33	ND	2.00
18)	2-Butanone	-0.29	ND	10.00
19)	Chloroform	0.03	ND	2.00
20)	1,1,1-Trichloroethane	-0.01	ND	2.00
21)	Carbon Tetrachloride	0.03	ND	2.00
23)	Benzene	-0.01	ND	2.00
25)	1,2-Dichloroethane	-0.05	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	-0.40	ND	2.00
30)	4-Methyl-2-Pentanone	-0.11	ND	10.00
32)	Toluene	-0.08	ND	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	-0.24	ND	2.00
36)	Tetrachloroethene	-0.04	ND	2.00
37)	2-Hexanone	-0.02	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane	-0.34	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	0.03	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	136083-1 OHM	**Data Analyzed:**	02/ 4/19 -1:3:
Misc. Info:	500 ML 18708-765 TEDLARG	**Method:**	MSA0204
Data Name:	A2018.D	**Shift Cali.File:**	CC02041.D
Data Path:	D:\GCMSA~1\990201\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.19	ND	2.00
48)	Benzyl Chloride	0.17	ND	10.00
49)	4-Ethyl Toluene	0.05	ND	2.00
50)	1,3,5-Trimethylbenzene	0.06	ND	2.00
51)	1,2,4-Trimethylbenzene	0.09	ND	2.00
52)	1,3-Dichlorobenzene	0.23	ND	2.00
53)	1,4-Dichlorobenzene	0.09	ND	2.00
54)	1,2-Dichlorobenzene	-0.31	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	323713	317896	OK	7.52	7.55	OK
1,4-Difluorobenzene	1692200	1686229	OK	9.22	9.23	OK
Chlorobenzene-d5	843757	825166	OK	14.67	14.59	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.57	99.1
Toluene-d8	50	47.16	94.3
4-Bromofluorobenzene	50	50.13	100.3

Comments:

Foot Notes:

1st Review: LR 2/5/99

2nd Review: YDM 2/5/99

Quanterra Air Toxics Lab

Sample Name:	136083-2 OHM	**Data Analyzed:**	4 Feb 1999 14:00
Misc. Info:	5 ML 18708-766 TEDLARG	**Method:**	MSA0204
Data Name:	A2019.D	**Shift Call.File:**	CC02041.D
Data Path:	D:\GCMSA~1\990201\	**Dilution Factor:**	100

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	200.00
3)	Chloromethane	0.09	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	0.00	245.23	200.00
10)	Carbon Disulfide	-0.01	ND	1000.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	2473.75	200.00
12)	Acetone	-0.01	ND	1000.00
13)	Methylene Chloride	-0.03	ND	200.00
14)	t-1,2-Dichloroethene		ND	200.00
15)	1,1-Dichloroethane	-0.02	ND	200.00
16)	Vinyl Acetate	-0.02	ND	1000.00
17)	c-1,2-Dichloroethene	0.01	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	-0.04	ND	200.00
25)	1,2-Dichloroethane		ND	200.00
26)	Trichloroethene	-0.00	19821.36	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	-0.07	ND	1000.00
32)	Toluene	-0.04	ND	~~200.00~~ 500
34)	t-1,3-Dichloropropene		ND	200.00
35)	1,1,2-Trichloroethane	-0.07	ND	200.00
36)	Tetrachloroethene	-0.01	390.89	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	-0.35	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:	136083-2 OHM	**Date Analyzed:**	02/ 4/19 -1:4:
Misc. Info:	5 ML 18708-766 TEDLARG	**Method:**	MSA0204
Data Name:	A2019.D	**Shift Cali.File:**	CC02041.D
Data Path:	D:\GCMSA-1\990201\	**Dilution Factor:**	100

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	200.00
48)	Benzyl Chloride	0.05	ND	1000.00
49)	4-Ethyl Toluene		ND	200.00
50)	1,3,5-Trimethylbenzene	-0.12	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	323713	293613	OK	7.52	7.56	OK
1,4-Difluorobenzene	1692200	1592932	OK	9.22	9.27	OK
Chlorobenzene-d5	843757	760396	OK	14.67	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.30	100.6
Toluene-d8	50	50.27	100.5
4-Bromofluorobenzene	50	47.94	95.9

Comments:

Foot Notes:

1st Review: LR 2/5/99

2nd Review: YDM 2/8/99

Quanterra Air Toxics Lab

Sample Name:	136083-3 OHM	**Data Analyzed:**	4 Feb 1999 14:30
Misc. Info:	5 ML 18708-767 TEDLARG	**Method:**	MSA0204
Data Name:	A2020.D	**Shift Cali.File:**	CC02041.D
Data Path:	D:\GCMSA~1\990201\	**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	-0.02	229.98	200.00
10)	Carbon Disulfide		ND	1000.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	2397.11	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	-0.04	ND	200.00
16)	Vinyl Acetate	-0.03	ND	1000.00
17)	c-1,2-Dichloroethene	0.00	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	0.02	ND	200.00
23)	Benzene	-0.05	ND	200.00
25)	1,2-Dichloroethane		ND	200.00
26)	Trichloroethene	-0.03	19594.12	200.00
27)	1,2-Dichloropropane		ND	200.00
28)	Bromodichloromethane	0.07	ND	200.00
29)	c-1,3-Dichloropropene		ND	200.00
30)	4-Methyl-2-Pentanone	-0.08	ND	1000.00
32)	Toluene		ND	~~200.00~~ 500
34)	t-1,3-Dichloropropene		ND	200.00
35)	1,1,2-Trichloroethane	-0.05	ND	200.00
36)	Tetrachloroethene	0.01	367.91	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	0.01	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:	136083-3 OHM	**Data Analyzed:**	02/ 4/19 -1:4:
Misc. Info:	5 ML 18708-767 TEDLARG	**Method:**	MSA0204
Data Name:	A2020.D	**Shift Cali.File:**	CC02041.D
Data Path:	D:\GCMSA~1\990201\	**Dilution Factor:**	100

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	200.00
48)	Benzyl Chloride	-0.14	ND	1000.00
49)	4-Ethyl Toluene	-0.05	ND	200.00
50)	1,3,5-Trimethylbenzene	0.02	ND	200.00
51)	1,2,4-Trimethylbenzene		ND	200.00
52)	1,3-Dichlorobenzene		ND	200.00
53)	1,4-Dichlorobenzene		ND	200.00
54)	1,2-Dichlorobenzene		ND	200.00
55)	1,2,4-Trichlorobenzene		ND	2000.00
56)	Hexachlorobutadiene		ND	400.00
	MTBE		ND	1000

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	323713	279891	OK	7.52	7.56	OK
1,4-Difluorobenzene	1692200	1575603	OK	9.22	9.25	OK
Chlorobenzene-d5	843757	755707	OK	14.67	14.72	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.86	99.7
Toluene-d8	50	47.66	95.3
4-Bromofluorobenzene	50	49.16	98.3

Comments:

Foot Notes:

1st Review: LR 2/5/99

2nd Review: YOM 2/8/99

Quanterra Air Toxics Lab

Sample Name:	136083-1 OHM	**Data Analyzed:**	4 Feb 1999 13:34
Misc. Info:	500 ML 18708-765 TEDLARG	**Method:**	MSA0204
Data Name:	A2018.D	**Shift Cali.File:**	CC02041.D
Data Path:	D:\GCMSA-1\990201\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)	
2)	Dichlorodifluoromethane (12)	0.00	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)	-0.01	ND	0.0112	
9)	1,1-Dichloroethene	-0.27	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	0.03	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	-0.10	ND	0.0351	
17)	c-1,2-Dichloroethene	0.33	ND	0.0079	
18)	2-Butanone	-0.29	ND	0.0294	
19)	Chloroform	0.03	ND	0.0097	
20)	1,1,1-Trichloroethane	-0.01	ND	0.0109	
21)	Carbon Tetrachloride	0.03	ND	0.0126	
23)	Benzene	-0.01	ND	0.0064	
25)	1,2-Dichloroethane	-0.05	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	-0.40	ND	0.0091	
30)	4-Methyl-2-Pentanone	-0.11	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	-0.24	ND	0.0109	
36)	Tetrachloroethene	-0.04	ND	0.0135	
37)	2-Hexanone	-0.02	ND	0.1226	
38)	Dibromochloromethane		ND	0.0170	
39)	1,2-Dibromoethane	-0.34	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	0.03	ND	0.0085	
45)	Bromoform		ND	0.0206	

Sample Name:	136083-1 OHM	**Data Analyzed:**	02/ 4/19 -1:3:
Misc. Info:	500 ML 18708-765 TEDLARG	**Method:**	MSA0204
Data Name:	A2018.D	**Shift Cali.File:**	CC02041.D
Data Path:	D:\GCMSA~1\990201\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.19	ND	0.0137
48)	Benzyl Chloride	0.17	ND	0.0518
49)	4-Ethyl Toluene	0.05	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.06	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.09	ND	0.0098
52)	1,3-Dichlorobenzene	0.23	ND	0.0120
53)	1,4-Dichlorobenzene	0.09	ND	0.0120
54)	1,2-Dichlorobenzene	-0.31	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	323713	317896	OK	7.52	7.55	OK
1,4-Difluorobenzene	1692200	1686229	OK	9.22	9.23	OK
Chlorobenzene-d5	843757	825166	OK	14.67	14.59	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.57	99.1
Toluene-d8	50	47.16	94.3
4-Bromofluorobenzene	50	50.13	100.3

Comments:

Foot Notes:

1st Review: LR 2/5/99 2nd Review Yon 2/8/99

Quanterra Air Toxics Lab

Sample Name:	136083-2 OHM	**Data Analyzed:**	4 Feb 1999 14:00
Misc. Info:	5 ML 18708-766 TEDLARG	**Method:**	MSA0204
Data Name:	a2019.d	**Shift Call.File:**	CC02041.D
Data Path:	d:\gcmsa~1\990201\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)	
2)	Dichlorodifluoromethane (12)		ND	0.9870	
3)	Chloromethane	0.09	ND	0.8244	
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	1.3952	
5)	Vinyl Chloride		ND	0.5102	
6)	Bromomethane		ND	0.7750	
7)	Chloroethane		ND	1.0532	
8)	Trichlorofluoromethane (11)		ND	1.1214	
9)	1,1-Dichloroethene	0.00	0.9704	0.7914	
10)	Carbon Disulfide	-0.01	ND	3.1080	
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	18.9192	1.5296	
12)	Acetone	-0.01	ND	2.3710	
13)	Methylene Chloride	-0.03	ND	0.6934	
14)	t-1,2-Dichloroethene		ND	0.7914	
15)	1,1-Dichloroethane	-0.02	ND	0.8078	
16)	Vinyl Acetate	-0.02	ND	3.5140	
17)	c-1,2-Dichloroethene	0.01	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	-0.04	ND	0.6376	
25)	1,2-Dichloroethane		ND	0.8078	
26)	Trichloroethene	-0.00	106.3019	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	-0.07	ND	4.0880	
32)	Toluene	-0.04	ND	~~0.7522~~	~190
34)	t-1,3-Dichloropropene		ND	0.9058	
35)	1,1,2-Trichloroethane	-0.07	ND	1.0890	
36)	Tetrachloroethene	-0.01	2.6459	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	-0.35	ND	0.8666	
42)	p,&m-Xylene		ND	0.8666	
43)	o-Xylene		ND	0.8666	
44)	Styrene		ND	0.8502	
45)	Bromoform		ND	2.0832	

Sample Name:	136083-2 OHM	**Data Analyzed:**	02/ 4/19 -1:4:
Misc. Info:	5 ML 18708-766 TEDLARG	**Method:**	MSA0204
Data Name:	a2019.d	**Shift Cali.File:**	CC02041.D
Data Path:	d:\gcmsa~1\990201\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.3702
48)	Benzyl Chloride	0.05	ND	5.1760
49)	4-Ethyl Toluene		ND	0.9812
50)	1,3,5-Trimethylbenzene	-0.12	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	323713	293613	OK	7.52	7.56	OK
1,4-Difluorobenzene	1692200	1592932	OK	9.22	9.27	OK
Chlorobenzene-d5	843757	760396	OK	14.67	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.30	100.6
Toluene-d8	50	50.27	100.5
4-Bromofluorobenzene	50	47.94	95.9

Comments:

Foot Notes:

1st Review: LR 2/5/99 2nd Review YOM 2/8/99

Quanterra Air Toxics Lab

Sample Name:	136083-3 OHM	**Data Analyzed:**	4 Feb 1999 14:30
Misc. Info:	5 ML 18708-767 TEDLARG	**Method:**	MSA0204
Data Name:	A2020.D	**Shift Cali.File:**	CC02041.D
Data Path:	D:\GCMSA~1\990201\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)		ND	0.9870
3)	Chloromethane		ND	0.8244
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	1.3952
5)	Vinyl Chloride		ND	0.5102
6)	Bromomethane		ND	0.7750
7)	Chloroethane		ND	1.0532
8)	Trichlorofluoromethane (11)		ND	1.1214
9)	1,1-Dichloroethene	-0.02	0.9100	0.7914
10)	Carbon Disulfide		ND	3.1080
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	18.3331	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	-0.04	ND	0.8078
16)	Vinyl Acetate	-0.03	ND	3.5140
17)	c-1,2-Dichloroethene	0.00	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	0.02	ND	1.2556
23)	Benzene	-0.05	ND	0.6376
25)	1,2-Dichloroethane		ND	0.8078
26)	Trichloroethene	-0.03	105.0833	1.0726
27)	1,2-Dichloropropane		ND	0.9224
28)	Bromodichloromethane	0.07	ND	1.3374
29)	c-1,3-Dichloropropene		ND	0.9058
30)	4-Methyl-2-Pentanone	-0.08	ND	4.0880
32)	Toluene		ND	~~0.7522~~ 1.9
34)	t-1,3-Dichloropropene		ND	0.9058
35)	1,1,2-Trichloroethane	-0.05	ND	1.0890
36)	Tetrachloroethene	0.01	2.4904	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	0.01	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:	136083-3 OHM	**Data Analyzed:**	02/ 4/19 -1:4:
Misc. Info:	5 ML 18708-767 TEDLARG	**Method:**	MSA0204
Data Name:	A2020.D	**Shift Cali.File:**	CC02041.D
Data Path:	D:\GCMSA-1\990201\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.3702
48)	Benzyl Chloride	-0.14	ND	5.1760
49)	4-Ethyl Toluene	-0.05	ND	0.9812
50)	1,3,5-Trimethylbenzene	0.02	ND	0.9812
51)	1,2,4-Trimethylbenzene		ND	0.9812
52)	1,3-Dichlorobenzene		ND	1.2000
53)	1,4-Dichlorobenzene		ND	1.2000
54)	1,2-Dichlorobenzene		ND	1.2000
55)	1,2,4-Trichlorobenzene		ND	14.8120
56)	Hexachlorobutadiene		ND	4.2572
	MTBE		ND	36

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	323713	279891	OK	7.52	7.55	OK
1,4-Difluorobenzene	1692200	1575603	OK	9.22	9.25	OK
Chlorobenzene-d5	843757	755707	OK	14.67	14.72	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	49.86	99.7
Toluene-d8	50	47.66	95.3
4-Bromofluorobenzene	50	49.16	98.3

Comments:

Foot Notes:

1st Review: LR 2/5/99 2nd Review YOM 2/8/99

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
219495
FORM 0019 REV. 2-97

Order • Lab Coordinator: Mizar Tinbal-Williams	Lab Coordinator's Phone: (949) 660-5300	Lab Coordinator's Fax: (949) 475-5433	Laboratory Service ID: Q136102	Laboratory Contact: Marie Jones	Mail Report (Company Name): OHM Remediation
Project Name: SVE 54 (A, Site 24)	Project Location: MCAS El Toro	Project Number: 18708	Laboratory Phone: (714) 556-9610	Laboratory Fax:	Recipient Name: Duayne Ishida
Project Contact: Mizar Tinbal-Williams	Project Phone Number: (949) 660-5300	Project Fax: (949) 475-5433	Laboratory Address: Quanterra		Address: 3347 McKelvin Dr. Ste 200
Project Address: MCAS El Toro	City, State and Zipcode: Santa Ana CA	Client: Lynn Hawkins, Sr. Dir	City, State and Zipcode: Santa Ana, CA		City, State, and Zipcode: Irvine, CA
Project Manager: Bill Sedlak	Project Manager's Phone: (949) 660-5300	Project Manager's Fax: (949) 475-5433			

Analyze 'A' Bag First

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analysis: TO-14	Analysis: Micro-Conditional	Comments
1	18708-779 ✓	Vapor	2/5/99	1010	Ambient	2	III	5 day	X		
2	18708-780	Vapor	2/5/99	1015	Ambient	2	III	24 hr		X	Analyze only if 18708-781 is detected
3	18708-781	Vapor	2/5/99	1020	Ambient	3	III	24 hr ~~5 day~~	X		
4	18708-782 ✓	Vapor	2/5/99	1025	Ambient	3	III	5 day	X		
5											
6											
7											
8											
9											
10											

Finda Gulley 2/5/99

Samples Collected By: Finda Gulley
Relinquished By: Finda Gulley
Courier and Air Bill Number:
Received By:
Date:
Time:
Cooler Temperature Upon Receipt:
Sample's Condition Upon Receipt:

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

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

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

Comments: 3rd Day Sampling Event

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

FEB. 0. 1999 1:00PM

Quanterra Air Toxics Lab

Sample Name:	136102-1 OHM	**Data Analyzed:**	5 Feb 1999 16:39
Misc. Info:	500 ML 18708-779 TEDLAR	**Method:**	MSA0205
Data Name:	A2042.D	**Shift Cali.File:**	CC02051.D
Data Path:	D:\GCMSA~1\990201\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.00	ND	2.00
3)	Chloromethane	-0.02	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.06	ND	2.00
9)	1,1-Dichloroethene	-0.23	ND	2.00
10)	Carbon Disulfide	0.03	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	ND	2.00
12)	Acetone	0.07	ND	10.00
13)	Methylene Chloride	0.04	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.07	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	0.03	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	-0.05	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	-0.39	ND	2.00
29)	c-1,3-Dichloropropene	-0.16	ND	2.00
30)	4-Methyl-2-Pentanone	-0.13	ND	10.00
32)	Toluene	-0.10	ND	~~2.00~~
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	-0.18	ND	2.00
36)	Tetrachloroethene	-0.00	ND	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	0.02	ND	2.00
42)	p,&m-Xylene	0.03	ND	2.00
43)	o-Xylene	0.07	ND	2.00
44)	Styrene	0.05	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	136102-1 OHM	**Data Analyzed:**	02/ 5/19 -1:6:
Misc. Info:	500 ML 18708-779 TEDLAR	**Method:**	MSA0205
Data Name:	A2042.D	**Shift Cali.File:**	CC02051.D
Data Path:	D:\GCMSA~1\990201\	**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	0.27	ND	2.00
50)	1,3,5-Trimethylbenzene	0.09	ND	2.00
51)	1,2,4-Trimethylbenzene	0.12	ND	2.00
52)	1,3-Dichlorobenzene		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	290665	289439	OK	7.49	7.55	OK
1,4-Difluorobenzene	1540274	1535660	OK	9.19	9.22	OK
Chlorobenzene-d5	799918	766220	OK	14.67	14.56	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.92	107.8
Toluene-d8	50	48.84	97.7
4-Bromofluorobenzene	50	47.57	95.1

Comments:

Foot Notes:

1st Review: LR 2/9/99

2nd Review: YDM 2/9/99

FEB 12'99 11:18 FR 714 258 0921 TO OHM-IRVINE P.03

Quanterra Air Toxics Lab

Sample Name:	136182-4 OHM	**Data Analyzed:**	5 Feb 1999 17:12
Misc. Info:	6 ML 18708-782 TEDLAR	**Method:**	MSA0205
Data Name:	A2043.D	**Shift Cali.File:**	CC02051.D
Data Path:	D:\GCMSA~1\990201\	**Dilution Factor:**	83.33

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	166.66
3)	Chloromethane		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	-0.50	ND	166.66
7)	Chloroethane		ND	333.32
8)	Trichlorofluoromethane (11)		ND	166.66
9)	1,1-Dichloroethene	0.02	183.95	166.66
10)	Carbon Disulfide		ND	833.30
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	2067.80	166.66
12)	Acetone	-0.05	ND	833.30
13)	Methylene Chloride		ND	166.66
14)	t-1,2-Dichloroethene		ND	166.66
15)	1,1-Dichloroethane		ND	166.66
16)	Vinyl Acetate	-0.07	ND	833.30
17)	c-1,2-Dichloroethene	0.01	ND	166.66
18)	2-Butanone		ND	833.30
19)	Chloroform	-0.02	ND	166.66
20)	1,1,1-Trichloroethane		ND	166.66
21)	Carbon Tetrachloride	-0.00	ND	166.66
23)	Benzene	-0.40	ND	166.66
25)	1,2-Dichloroethane		ND	166.66
26)	Trichloroethene	-0.01	16018.02	166.66
27)	1,2-Dichloropropane		ND	166.66
28)	Bromodichloromethane		ND	166.66
29)	c-1,3-Dichloropropene		ND	166.66
30)	4-Methyl-2-Pentanone	-0.05	ND	833.30
32)	Toluene		ND	~~166.66~~ 416.6
34)	t-1,3-Dichloropropene		ND	166.66
35)	1,1,2-Trichloroethane	-0.31	ND	166.66
36)	Tetrachloroethene	0.00	299.74	166.66
37)	2-Hexanone		ND	2499.90
38)	Dibromochloromethane		ND	166.66
39)	1,2-Dibromoethane		ND	166.66
40)	Chlorobenzene		ND	166.66
41)	Ethylbenzene	-0.35	ND	166.66
42)	p,&m-Xylene		ND	166.66
43)	o-Xylene		ND	166.66
44)	Styrene		ND	166.66
45)	Bromoform		ND	166.66

FEB 12'99 11:19 FR 714 258 0921 TO OHM-IRVINE P.06

Sample Name:	136102-4 OHM	**Data Analyzed:**	02/ 5/19 -1:7:
Misc. Info:	6 ML 18708-782 TEDLA	**Method:**	MSA0205
Data Name:	A2043.D	**Shift Cali.File:**	CC02051.D
Data Path:	D:\GCMSA-1\990201\	**Dilution Factor:**	83.33

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	166.66
48) Benzyl Chloride	0.09	ND	833.30
49) 4-Ethyl Toluene		ND	166.66
50) 1,3,5-Trimethylbenzene		ND	166.66
51) 1,2,4-Trimethylbenzene	0.09	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	833.3

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	290665	267663	OK	7.49	7.55	OK
1,4-Difluorobenzene	1540274	1428185	OK	9.19	9.26	OK
Chlorobenzene-d5	799918	703756	OK	14.67	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	55.55	111.1
Toluene-d8	50	49.98	100.0
4-Bromofluorobenzene	50	46.81	93.6

Comments:

Foot Notes:

1st Review: LR 2/9/99

2nd Review: YDM 2/9/99

FEB 12'99 11:19 FR TO OHM-TROINE P.07

Quanterra Air Toxics Lab

Sample Name:	136102-1 OHM	**Data Analyzed:**	5 Feb 1999 16:39
Misc. Info:	500 ML 18708-779 TEDLAR	**Method:**	MSA0205
Data Name:	a2042.d	**Shift Cali.File:**	CC02051.D
Data Path:	d:\gcmsa~1\990201\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.00	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)	0.06	ND	0.0112
9)	1,1-Dichloroethene	-0.23	ND	0.0079
10)	Carbon Disulfide	0.03	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	ND	0.0153
12)	Acetone	0.07	ND	0.0237
13)	Methylene Chloride	0.04	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	-0.07	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	0.03	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	-0.05	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	-0.39	ND	0.0134
29)	c-1,3-Dichloropropene	-0.16	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.13	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	-0.18	ND	0.0109
36)	Tetrachloroethene	-0.00	ND	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	0.02	ND	0.0087
42)	p,&m-Xylene	0.03	ND	0.0087
43)	o-Xylene	0.07	ND	0.0087
44)	Styrene	0.05	ND	0.0085
45)	Bromoform		ND	0.0206

FEB 12'99 11:19 FR 714 258 0921 TO OHM-IRVINE P.04

Sample Name:	136102-1 OHM	**Data Analyzed:**	02/ 5/19 -1:6:
Misc. Info:	500 ML 18708-779 TEDLAR	**Method:**	MSA0205
Data Name:	a2042.d	**Shift Cali.File:**	CC02051.D
Data Path:	d:\gcmsa–1\990201\	**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	0.27	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.09	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.12	ND	0.0098
52)	1,3-Dichlorobenzene		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	290665	289439	OK	7.49	7.55	OK
1,4-Difluorobenzene	1540274	1535660	OK	9.19	9.22	OK
Chlorobenzene-d5	799918	766220	OK	14.67	14.56	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.92	107.8
Toluene-d8	50	48.84	97.7
4-Bromofluorobenzene	50	47.57	95.1

Comments:

Foot Notes:

1st Review: LR 2/9/99 2nd Review Upon 2/9/99

Quanterra Air Toxics Lab

Sample Name:	136102-4 OHM	Data Analyzed:	5 Feb 1999 17:12
Misc. Info:	6 ML 18708-782 TEDLAR	Method:	MSA0205
Data Name:	A2043.D	Shift Cali.File:	CC02051.D
Data Path:	D:\GCMSA-1\990201\	Dilution Factor:	83.33

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)		ND	0.8225
3)	Chloromethane		ND	0.6870
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	1.1626
5)	Vinyl Chloride		ND	0.4251
6)	Bromomethane	-0.50	ND	0.6458
7)	Chloroethane		ND	0.8776
8)	Trichlorofluoromethane (11)		ND	0.9345
9)	1,1-Dichloroethene	0.02	0.7279	0.6595
10)	Carbon Disulfide		ND	2.5899
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	15.8145	1.2746
12)	Acetone	-0.05	ND	1.9758
13)	Methylene Chloride		ND	0.5778
14)	t-1,2-Dichloroethene		ND	0.6595
15)	1,1-Dichloroethane		ND	0.6731
16)	Vinyl Acetate	-0.07	ND	2.9282
17)	c-1,2-Dichloroethene	0.01	ND	0.6595
18)	2-Butanone		ND	2.4524
19)	Chloroform	-0.02	ND	0.8121
20)	1,1,1-Trichloroethane		ND	0.9075
21)	Carbon Tetrachloride	-0.00	ND	1.0463
23)	Benzene	-0.40	ND	0.5313
25)	1,2-Dichloroethane		ND	0.6731
26)	Trichloroethene	-0.01	85.9047	0.8938
27)	1,2-Dichloropropane		ND	0.7686
28)	Bromodichloromethane		ND	1.1145
29)	c-1,3-Dichloropropene		ND	0.7548
30)	4-Methyl-2-Pentanone	-0.05	ND	3.4065
32)	Toluene		ND	~~0.6266~~ 1.58
34)	t-1,3-Dichloropropene		ND	0.7548
35)	1,1,2-Trichloroethane	-0.31	ND	0.9075
36)	Tetrachloroethene	0.00	2.0290	1.1281
37)	2-Hexanone		ND	10.2196
38)	Dibromochloromethane		ND	1.4169
39)	1,2-Dibromoethane		ND	1.2779
40)	Chlorobenzene		ND	0.7656
41)	Ethylbenzene	-0.35	ND	0.7221
42)	p,&m-Xylene		ND	0.7221
43)	o-Xylene		ND	0.7221
44)	Styrene		ND	0.7085
45)	Bromoform		ND	1.7193

FEB 12'99 11:20 FR (14 258 0921 TO OHM-TROINE P.08

Sample Name:	136102-4 OHM	**Data Analyzed:**	02/ 5/19 -1:7:
Misc. Info:	6 ML 18708-782 TEDLA	**Method:**	MSA0205
Data Name:	A2043.D	**Shift Call.File:**	CC02051.D
Data Path:	D:\GCMSA–1\990201\	**Dilution Factor:**	83.33

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.1418
48)	Benzyl Chloride	0.09	ND	4.3132
49)	4-Ethyl Toluene		ND	0.8176
50)	1,3,5-Trimethylbenzene		ND	0.8176
51)	1,2,4-Trimethylbenzene	0.09	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	3.0

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	290665	267663	OK	7.49	7.55	OK
1,4-Difluorobenzene	1540274	1428185	OK	9.19	9.26	OK
Chlorobenzene-d5	799918	703756	OK	14.67	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	55.55	111.1
Toluene-d8	50	49.98	100.0
4-Bromofluorobenzene	50	46.81	93.6

Comments:

Foot Notes:

1st Review: LR 2/9/99 2nd Review VJOM 2/9/99

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

219496

FORM 0019 REV 2/97

OHM LAB COORDINATOR: Thomas Williams	LAB COORDINATOR'S PHONE: (949) 660-[illegible]	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: Q136097	LABORATORY CONTACT: MARIA JONES	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 54 (Long Term)	PROJECT LOCATION: MCAS ELTORO	PROJECT NUMBER: 18708	LABORATORY PHONE: (714)-558-6110	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: Thomas Williams	PROJECT PHONE NUMBER: (949) 451-1667	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 2347 Michelson Dr. #200
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Santa Ana, CA	CLIENT: Lynn Hornecker, SW Div	CITY, STATE, AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: Bill Stanley	PROJECT MANAGER'S PHONE: (949) 660-[illegible]	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyses: TO-14 Conditional Hold

'Analyze A bag first'

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	TO-14	Conditional Hold	Comments
1	18708-771 ✓	Vapor	2/4/99	0905	Ambient	2	III	5 DAY	X		
2	18708-772	Vapor	2/4/99	0910	Ambient	~~3~~ 2	III	24 hr		X	Analyze only if 18708-772 is detected.
3	18708-773	Vapor	2/4/99	0915	Ambient	2	III	24 hr	X		
4	18708-774 ✓	Vapor	2/4/99	0920	Ambient	3	III	5 DAY	X		
5											
6											
7											
8			2/4/99								
9											
10											

SAMPLES COLLECTED BY	COURIER AND AIR BILL NUMBER			COOLER TEMPERATURE UPON RECEIPT
RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
[illegible]	[illegible]	2/4/99	[illegible]	

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

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

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE54 - Ambient	X		X	X
2. 24SVE54 - Eff	X		X	
3. 24SVE54 - Mid	X		X	
4. 24SVE54 - Inf	X		X	

Comments

'2nd Daily Sampling'

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

✓

[redacted]

Quanterra Air Toxics Lab

Sample Name:	136097-1 OHM	**Data Analyzed:**	5 Feb 1999 15:14
Misc. Info:	500 ml 18708-771 TEDLAR BAG	**Method:**	MSB0205
Data Name:	B1062.D	**Shift Call.File:**	CC02051.D
Data Path:	d:\gcmsb\990201\	**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)		ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane	0.01	ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	0.01	ND	2.00
9) 1,1-Dichloroethene	-0.25	ND	2.00
10) Carbon Disulfide	-0.00	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.04	ND	2.00
12) Acetone	0.03	ND	10.00
13) Methylene Chloride	0.02	ND	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane		ND	2.00
16) Vinyl Acetate	0.03	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	-0.01	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	0.22	ND	2.00
29) c-1,3-Dichloropropene	0.03	ND	2.00
30) 4-Methyl-2-Pentanone	-0.09	ND	10.00
32) Toluene	-0.06	ND	~~2.00~~ 5.00
34) t-1,3-Dichloropropene	-0.19	ND	2.00
35) 1,1,2-Trichloroethane	-0.28	ND	2.00
36) Tetrachloroethene	0.02	ND	2.00
37) 2-Hexanone	-0.09	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

FEB 12'99 11:31 FR 714 258 0921 TO OHM-IRVINE P.02

Sample Name:	136097-1 OHM	**Data Analyzed:**	02/ 5/19 -1:5:
Misc. Info:	500 ml 18708-771 TEDLAR BA	**Method:**	MSB0205
Data Name:	B1062.D	**Shift Call.File:**	CC02051.D
Data Path:	d:\gcmsb\990201\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.41	ND	2.00
48)	Benzyl Chloride	-0.04	ND	10.00
49)	4-Ethyl Toluene	0.07	ND	2.00
50)	1,3,5-Trimethylbenzene	0.09	ND	2.00
51)	1,2,4-Trimethylbenzene	0.01	ND	2.00
52)	1,3-Dichlorobenzene	0.35	ND	2.00
53)	1,4-Dichlorobenzene	0.14	ND	2.00
54)	1,2-Dichlorobenzene		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	325769	351722	OK	7.05	7.05	OK
1,4-Difluorobenzene	1387498	1488846	OK	8.69	8.68	OK
Chlorobenzene-d5	681205	660083	OK	13.99	13.87	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.23	100.5
Toluene-d8	50	38.26	76.5
4-Bromofluorobenzene	50	54.33	108.7

Comments:

Foot Notes:

1st Review: PLS 2/5/99

2nd Review: YOM 2/8/99

Quanterra Air Toxics Lab

Sample Name:	136097-4 OHM	**Data Analyzed:**	5 Feb 1999 15:42
Misc. Info:	3 ml 18708-774 TEDLAR BAG	**Method:**	MSB0205
Data Name:	B1063.D	**Shift Cali.File:**	CC02051.D
Data Path:	d:\gcmsb\990201\	**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		ND	333.40
7)	Chloroethane		ND	666.80
8)	Trichlorofluoromethane (11)		ND	333.40
9)	1,1-Dichloroethene	0.00	344.66	333.40
10)	Carbon Disulfide		ND	1667.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	3881.22	333.40
12)	Acetone	-0.07	ND	1667.00
13)	Methylene Chloride	-0.04	ND	333.40
14)	t-1,2-Dichloroethene		ND	333.40
15)	1,1-Dichloroethane		ND	333.40
16)	Vinyl Acetate	-0.06	ND	1667.00
17)	c-1,2-Dichloroethene	0.01	ND	333.40
18)	2-Butanone		ND	1667.00
19)	Chloroform	-0.00	ND	333.40
20)	1,1,1-Trichloroethane	-0.00	ND	333.40
21)	Carbon Tetrachloride	-0.01	ND	333.40
23)	Benzene	-0.12	ND	333.40
25)	1,2-Dichloroethane		ND	333.40
26)	Trichloroethene	0.01	26824.96	333.40
27)	1,2-Dichloropropane	-0.30	ND	333.40
28)	Bromodichloromethane		ND	333.40
29)	c-1,3-Dichloropropene		ND	333.40
30)	4-Methyl-2-Pentanone	-0.03	ND	1667.00
32)	Toluene	-0.05	ND	~~333.40~~ 834
34)	t-1,3-Dichloropropene		ND	333.40
35)	1,1,2-Trichloroethane	0.18	ND	333.40
36)	Tetrachloroethene	0.03	648.34	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	-0.31	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

Sample Name:	136097-4 OHM	**Data Analyzed:**	02/ 5/19 -1:5:
Misc. Info:	3 ml 18708-774 TEDLAR BAG	**Method:**	MSB0205
Data Name:	B1063.D	**Shift Call.File:**	CC02051.D
Data Path:	d:\gcmsb\990201\	**Dilution Factor:**	166.7

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	333.40
48)	Benzyl Chloride	0.38	ND	1667.00
49)	4-Ethyl Toluene	-0.43	ND	333.40
50)	1,3,5-Trimethylbenzene		ND	333.40
51)	1,2,4-Trimethylbenzene	0.46	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	325769	306182	OK	7.05	7.06	OK
1,4-Difluorobenzene	1387498	1356539	OK	8.69	8.71	OK
Chlorobenzene-d5	681205	645431	OK	13.99	13.99	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.29	92.6
Toluene-d8	50	47.38	94.8
4-Bromofluorobenzene	50	48.04	96.1

Comments:

Foot Notes:

1st Review: PNO 2/5/99

2nd Review: VDM 2/8/99

Quanterra Air Toxics Lab

Sample Name:	136097-1 OHM	**Data Analyzed:**	5 Feb 1999 15:14
Misc. Info:	500 ml 18708-771 TEDLAR BAG	**Method:**	MSB0205
Data Name:	B1062.D	**Shift Cali.File:**	CC02051.D
Data Path:	d:\gcmsb\990201\	**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)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan	0.01	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.01	ND	0.0112
9)	1,1-Dichloroethene	-0.25	ND	0.0079
10)	Carbon Disulfide	-0.00	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.04	ND	0.0153
12)	Acetone	0.03	ND	0.0237
13)	Methylene Chloride	0.02	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.03	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	-0.01	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	0.22	ND	0.0134
29)	c-1,3-Dichloropropene	0.03	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.09	ND	0.0409
32)	Toluene	-0.06	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene	-0.19	ND	0.0091
35)	1,1,2-Trichloroethane	-0.28	ND	0.0109
36)	Tetrachloroethene	0.02	ND	0.0135
37)	2-Hexanone	-0.09	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	0.0206

FEB 12'99 11:32 FR 714 258 0921 TO OHM-IRVINE P.04

Sample Name:	136097-1 OHM	**Data Analyzed:**	02/ 5/19 -1:5:
Misc. Info:	500 ml 18708-771 TEDLAR B	**Method:**	MSB0205
Data Name:	B1062.D	**Shift Cali.File:**	CC02051.D
Data Path:	d:\gcmsb\990201\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.41	ND	0.0137
48)	Benzyl Chloride	-0.04	ND	0.0518
49)	4-Ethyl Toluene	0.07	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.09	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.01	ND	0.0098
52)	1,3-Dichlorobenzene	0.35	ND	0.0120
53)	1,4-Dichlorobenzene	0.14	ND	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene	0.17	ND	0.1481
56)	Hexachlorobutadiene	-0.48	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	325769	351722	OK	7.05	7.05	OK
1,4-Difluorobenzene	1387498	1488846	OK	8.69	8.68	OK
Chlorobenzene-d5	681205	660083	OK	13.99	13.87	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.23	100.5
Toluene-d8	50	38.26	76.5
4-Bromofluorobenzene	50	54.33	108.7

Comments:

Foot Notes:

1st Review: PKS 2/5/99 2nd Review YDM 2/8/99

Quanterra Air Toxics Lab

Sample Name:	136097-4 OHM	**Data Analyzed:**	5 Feb 1999 15:42
Misc. Info:	3 ml 18708-774 TEDLAR BAG	**Method:**	MSB0205
Data Name:	B1063.D	**Shift Call.File:**	CC02051.D
Data Path:	d:\gcmsb\990201\	**Dilution Factor:**	166.7

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	1.6453
3)	Chloromethan		ND	1.3743
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.3258
5)	Vinyl Chloride		ND	0.8505
6)	Bromomethan		ND	1.2919
7)	Chloroethane		ND	1.7557
8)	Trichlorofluoromethane (11)		ND	1.8694
9)	1,1-Dichloroethene	0.00	1.3638	1.3193
10)	Carbon Disulfide		ND	5.1810
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	29.6836	2.5498
12)	Acetone	-0.07	ND	3.9525
13)	Methylene Chloride	-0.04	ND	1.1559
14)	t-1,2-Dichloroethene		ND	1.3193
15)	1,1-Dichloroethane		ND	1.3466
16)	Vinyl Acetate	-0.06	ND	5.8578
17)	c-1,2-Dichloroethene	0.01	ND	1.3193
18)	2-Butanone		ND	4.9060
19)	Chloroform	-0.00	ND	1.6247
20)	1,1,1-Trichloroethane	-0.00	ND	1.8154
21)	Carbon Tetrachloride	-0.01	ND	2.0931
23)	Benzene	-0.12	ND	1.0629
25)	1,2-Dichloroethane		ND	1.3466
26)	Trichloroethene	0.01	143.8623	1.7880
27)	1,2-Dichloropropane	-0.30	ND	1.5376
28)	Bromodichloromethane		ND	2.2294
29)	c-1,3-Dichloropropene		ND	1.5100
30)	4-Methyl-2-Pentanone	-0.03	ND	6.8147
32)	Toluene	-0.05	ND	~~1.2539~~ 3.135
34)	t-1,3-Dichloropropene		ND	1.5100
35)	1,1,2-Trichloroethane	0.18	ND	1.8154
36)	Tetrachloroethene	0.03	4.3886	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	-0.31	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

Sample Name:	136097-4 OHM	**Data Analyzed:**	02/ 5/19 -1:5:
Misc. Info:	3 ml 18708-774 TEDLAR BAG	**Method:**	MSB0205
Data Name:	B1063.D	**Shift Cali.File:**	CC02051.D
Data Path:	d:\gcmsb\990201\	**Dilution Factor:**	166.7

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	2.2841
48)	Benzyl Chloride	0.38	ND	8.6284
49)	4-Ethyl Toluene	-0.43	ND	1.6357
50)	1,3,5-Trimethylbenzene		ND	1.6357
51)	1,2,4-Trimethylbenzene	0.46	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		ND	6.00

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	325769	306182	OK	7.05	7.06	OK
1,4-Difluorobenzene	1387498	1356539	OK	8.69	8.71	OK
Chlorobenzene-d5	681205	645431	OK	13.99	13.99	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.29	92.6
Toluene-d8	50	47.38	94.8
4-Bromofluorobenzene	50	48.04	96.1

Comments:

Foot Notes:

1st Review: PK 2/5/99 2nd Review YDM 2/8/99

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
219495
FORM 0019 REV. 2-97

PROJ. LAB COORDINATOR: Nizar Tinbit-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: Q136102	LABORATORY CONTACT: Mario Jones	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 54 @ Site 24	PROJECT LOCATION: MRAS El Toro	PROJECT NUMBER: 18708	LABORATORY PHONE: (781) 755-8610	LABORATORY FAX:	RECIPIENT NAME: Suzanne Ishida
PROJECT CONTACT: Nizar Tinbit-Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 McHerlin Dr. Ste 200
PROJECT ADDRESS: MRAS El Toro	CITY, STATE AND ZIPCODE: Santa Ana CA	CLIENT: Lynn Hornecker, SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: Bill Sedlak	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyze 'A' Bag First

Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: Dir. Ind.	Non-Conditional							Comments
18708-779	Vapor	2/5/99	1010	Ambient	2	III	5 day	X								
18708-780	Vapor	2/5/99	1015	Ambient	2	III	24 hr		X							Analyze only if 18708-781 is detected
18708-781	Vapor	2/5/99	1020	Ambient	3	III	24 hr ~~5 day~~	X								
18708-782	Vapor	2/5/99	1025	Ambient	3	III	5 day	X								

Finley 2/5/99

Sample Point Location	Sample Type: G	C	F	QC
① 24 SVE 54 - Amb	X		X	X
② 24 SVE 54 - Eff	X		X	
③ 24 SVE 54 - Mid	X		X	
④ 24 SVE 54 - Inf	X		X	

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

Comments: 3rd Day Sampling Event

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

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

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

D:\GCMSA~1\990201\A2041.D

Quanterra Air Toxics Lab

Sample Name:	136102-2 OHM	Data Analyzed:	5 Feb 1999 15:12
Misc. Info:	500 ML 18708-780 TEDLAR	Method:	MSA0205
Data Name:	A2041.D	Shift Calf.File:	CC02051.D
Data Path:	D:\GCMSA~1\990201\	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		ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	0.02	ND	2.00
9) 1,1-Dichloroethene	0.05	ND	2.00
10) Carbon Disulfide	0.00	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.03	39.80	2.00
12) Acetone	0.04	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	-0.02	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	-0.02	ND	2.00
21) Carbon Tetrachloride		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	-0.45	ND	2.00
29) c-1,3-Dichloropropene	0.32	ND	2.00
30) 4-Methyl-2-Pentanone	-0.16	ND	10.00
32) Toluene	-0.10	ND	~~2.00~~ 5
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	0.50	ND	2.00
36) Tetrachloroethene		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	0.12	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:	136102-2 OHM	Data Analyzed:	02/ 5/19 -1:6:
Misc. Info:	500 ML 18708-780 TEDLAR	Method:	MSA0205
Data Name:	A2041.D	Shift Call.File:	CC02051.D
Data Path:	D:\GCMSA~1\990201\	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	0.11	ND	2.00
50) 1,3,5-Trimethylbenzene	0.08	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		ND	2.00
55) 1,2,4-Trichlorobenzene	-0.30	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	290655	284155	OK	7.49	7.54	OK
1,4-Difluorobenzene	1540274	1573904	OK	9.19	9.22	OK
Chlorobenzene-d5	799918	760797	OK	14.57	14.53	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.78	105.6
Toluene-d8	50	48.14	96.3
4-Bromofluorobenzene	50	44.42	88.8

Comments:

Foot Notes:

1st Review: LR 2/9/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	136102-3 OHM	Data Analyzed:	5 Feb 1999 15:45
Misc. Info:	500 ML 18708-781 TEDLAR	Method:	MSA0205
Data Name:	A2040.D	Shift Cali.File:	CC02051.D
Data Path:	D:\GCMSA~1\990201\	Dilution Factor:	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	0.01	ND	2.00
3) Chloromethane	0.00	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane		ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)		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)	0.03	72.94	2.00
12) Acetone	-0.05	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	-0.22	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone		ND	10.00
19) Chloroform	0.36	ND	2.00
20) 1,1,1-Trichloroethane	-0.00	ND	2.00
21) Carbon Tetrachloride	-0.01	ND	2.00
23) Benzene	0.12	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	0.31	ND	2.00
30) 4-Methyl-2-Pentanone	-0.16	ND	10.00
32) Toluene	-0.10	ND	~~2.00~~ 5
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	0.48	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	-0.00	ND	2.00
43) o-Xylene	0.02	ND	2.00
44) Styrene	-0.02	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	136102-3 OHM	Data Analyzed:	02/ 5/19 -1:5:
Misc. Info:	500 ML 18708-781 TEDLAR	Method:	MSA0205
Data Name:	A2040.D	Shift Cali.File:	CC02051.D
Data Path:	D:\GCMSA~1\990201\	Dilution Factor:	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.10	ND	10.00
49)	4-Ethyl Toluene	0.01	ND	2.00
50)	1,3,5-Trimethylbenzene	0.13	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	LO

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	290665	288047	OK	7.49	7.53	OK
1,4-Difluorobenzene	1540274	1570852	OK	9.19	9.22	OK
Chlorobenzene-d5	799918	775655	OK	14.67	14.56	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.97	103.9
Toluene-d8	50	47.74	95.5
4-Bromofluorobenzene	50	46.82	93.6

Comments:

Foot Notes:

1st Review: LR 2/9/99

2nd Review:

d:\gcmsa-1\990201\a2041.d

Quanterra Air Toxics Lab

Sample Name:	136102-2 OHM	Data Analyzed:	5 Feb 1999 16:12
Misc. Info:	500 ML 18708-780 TEDLAR	Method:	MSA0205
Data Name:	A2041.D	Shift Cal.File:	CC02051.D
Data Path:	D:\GCMSA-1\990201\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	0.00	ND	0.0099
3)	Chloromethane	0.01	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethane		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.02	ND	0.0112
9)	1,1-Dichloroethene	0.05	ND	0.0079
10)	Carbon Disulfide	0.00	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.03	0.3044	0.0153
12)	Acetone	0.04	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	-0.02	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	-0.02	ND	0.0109
21)	Carbon Tetrachloride		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	-0.45	ND	0.0134
29)	c-1,3-Dichloropropene	0.32	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.16	ND	0.0409
32)	Toluene	-0.10	ND	~~0.0975~~ 0.0117
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.50	ND	0.0109
36)	Tetrachloroethene		ND	0.0135
37)	2-Hexanone		ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.04	ND	0.0087
42)	p,&m-Xylene	0.12	ND	0.0087
43)	o-Xylene	0.02	ND	0.0087
44)	Styrene	-0.01	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	136102-2 OHM	Data Analyzed:	02/ 5/19 -1:6:
Misc. Info:	500 ML 18708-780 TEDLAR	Method:	MSA0205
Data Name:	A2041.D	Shift Call.File:	CC02051.D
Data Path:	D:\GCMSA-1\990201\	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	0.11	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.08	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		ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.30	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.03L

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	290665	284155	OK	7.49	7.54	OK
1,4-Difluorobenzene	1540274	1573904	OK	9.19	9.22	OK
Chlorobenzene-d5	799918	760797	OK	14.67	14.53	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.78	105.6
Toluene-d8	50	48.14	96.3
4-Bromofluorobenzene	50	44.42	88.8

Comments:

Foot Notes:

1st Review: LR 2/9/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	136102-3 OHM	Data Analyzed:	5 Feb 1999 15:45
Misc. Info:	500 ML 18708-781 TEDLAR	Method:	MSA0205
Data Name:	A2040.D	Shift Call.File:	CC02051.D
Data Path:	D:\GCMSA~1\990201\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	0.01	ND	0.0099
3)	Chloromethane	0.00	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethane		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)		ND	0.0112
9)	1,1-Dichloroethane	0.06	ND	0.0079
10)	Carbon Disulfide	0.04	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.03	0.5579	0.0153
12)	Acetone	-0.05	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	-0.22	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone		ND	0.0294
19)	Chloroform	0.36	ND	0.0097
20)	1,1,1-Trichloroethane	-0.00	ND	0.0109
21)	Carbon Tetrachloride	-0.01	ND	0.0126
23)	Benzene	0.12	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	0.31	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.16	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	0.48	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	-0.00	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:	136102-3 OHM	Data Analyzed:	02/ 5/19 -1:5:
Misc. Info:	500 ML 18708-781 TEDLAR	Method:	MSA0205
Data Name:	A2040.D	Shift Cali.File:	CC02051.D
Data Path:	D:\GCMSA~1\990201\	Dilution Factor:	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.10	ND	0.0518
49)	4-Ethyl Toluene	0.01	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.13	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	290665	285047	OK	7.49	7.53	OK
1,4-Difluorobenzene	1540274	1570652	OK	9.19	9.22	OK
Chlorobenzene-d5	799918	775655	OK	14.67	14.58	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.97	103.9
Toluene-d8	50	47.74	95.5
4-Bromofluorobenzene	50	46.82	93.6

Comments:

Foot Notes:

1st Review: LR 2/7/99 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
222403
FORM 0019 REV. 2-97

OHM LAB COORDINATOR: Susan Tinnell-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: Q100157	LABORATORY CONTACT: Maria Jones	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 54 @ Site 24	PROJECT LOCATION: MARCH Field	PROJECT NUMBER: 16708	LABORATORY PHONE: (714) 258-8610	LABORATORY FAX:	RECIPIENT NAME: Duwayne Ishida
PROJECT CONTACT: Susan Tinnell-Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr. Ste. 200
PROJECT ADDRESS: MARCH Field	CITY, STATE AND ZIPCODE: Santa Ana CA	CLIENT: Lynn Merriweather, Sto Div.	CITY, STATE, AND ZIPCODE: Santa Ana CA		CITY, STATE, AND ZIPCODE: Irvine CA
PROJECT MANAGER: Bill Sedlak	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyze 'A' Bag First

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: HCl/D-(conditional)	Comments
1	16708-806	Vapor	2/19/99	0940	Ambient	2	III	5 day	X		
2	16708-807	Vapor	2/19/99	0943	Ambient	2	III	24 hr		X	Analyze only if 16708-808 is detected
3	16708-808	Vapor	2/19/99	0945	Ambient	3	III	24 hr	X		
4	16708-809	Vapor	2/19/99	0950	Ambient	3	III	5 day	X		
5											
6											
7											
8											
9											
10											

Standby 2/19/99

SAMPLES COLLECTED BY	COURIER AND AIR BILL NUMBER			COOLER TEMPERATURE UPON RECEIPT:
Sanda Sulay				
RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Sanda Sulay	[illegible]	2-19-99	1045	

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	G	C	F	QC
1. 24/SVE54 - Amb	X		X	X
2. 24/SVE54 - EGE	X		X	
3. 24/SVE54 - Mid	X		X	
4. 24/SVE54 - Inf	X		X	

Comments
5th Day Sampling Event

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

Quanterra Air Toxics Lab

Sample Name:	P10415-1 OHM	**Data Analyzed:**	9 Feb 1999 17:27
Misc. Info:	500 ML 18708-806 TEDLAR	**Method:**	MSB0209
Data Name:	B1095.D	**Shift Cali.File:**	CC02091.D
Data Path:	d:\gcmsb\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.07	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)	-0.01	ND	2.00
9)	1,1-Dichloroethene	0.02	ND	2.00
10)	Carbon Disulfide	-0.01	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	2.01	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	0.13	ND	2.00
16)	Vinyl Acetate	0.08	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	0.13	ND	10.00
19)	Chloroform	-0.03	ND	2.00
20)	1,1,1-Trichloroethane	0.02	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	0.01	9.35	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	-0.06	ND	10.00
32)	Toluene	-0.04	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	-0.14	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	-0.02	ND	2.00
43)	o-Xylene	-0.03	ND	2.00
44)	Styrene	-0.00	ND	2.00
45)	Bromoform		ND	2.00

FEB 10'99 13:59 FR 714 258 0921 TO OHM-IRVINE P.02

Sample Name:	-1 OHM	**Data Analyzed:**	02/ 9/19 -1:7:
Misc. Info:	500 ML 18708-806 TEDLAR	**Method:**	MSB0209
Data Name:	B1095.D	**Shift Call.File:**	CC02091.D
Data Path:	d:\gcmsb\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.20	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	0.00	ND	2.00
51)	1,2,4-Trimethylbenzene	0.03	ND	2.00
52)	1,3-Dichlorobenzene		ND	2.00
53)	1,4-Dichlorobenzene	-0.04	ND	2.00
54)	1,2-Dichlorobenzene	-0.46	ND	2.00
55)	1,2,4-Trichlorobenzene	0.16	ND	20.00
56)	Hexachlorobutadiene	-0.50	ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	335451	352834	OK	7.06	7.05	OK
1,4-Difluorobenzene	1369258	1312874	OK	8.70	8.68	OK
Chlorobenzene-d5	657730	665160	OK	13.98	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.19	104.4
Toluene-d8	50	45.46	90.9
4-Bromofluorobenzene	50	47.25	94.5

Comments:

Foot Notes:

1st Review: PM 2/10/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	000157-2 OHM	**Data Analyzed:**	9 Feb 1999 17:54
Misc. Info:	500 ML 18708-807 TEDLAR	**Method:**	MSB0209
Data Name:	B1096.D	**Shift Call.File:**	CC02091.D
Data Path:	d:\gcmsb\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.09	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)	-0.01	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)	-0.01	35.24	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	0.10	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	0.01	ND	10.00
19)	Chloroform	0.08	ND	2.00
20)	1,1,1-Trichloroethane	0.01	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	7.64	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	0.47	ND	2.00
29)	c-1,3-Dichloropropene	0.12	ND	2.00
30)	4-Methyl-2-Pentanone	-0.07	ND	10.00
32)	Toluene	-0.05	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene	-0.23	ND	2.00
35)	1,1,2-Trichloroethane		ND	2.00
36)	Tetrachloroethene	-0.04	ND	2.00
37)	2-Hexanone	-0.14	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	0.00	ND	2.00
44)	Styrene	-0.02	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	-2 OHM	**Data Analyzed:**	02/ 9/19 -1:7:
Misc. Info:	500 ML 18708-807 TEDLAR	**Method:**	MSB0209
Data Name:	B1096.D	**Shift Cali.File:**	CC02091.D
Data Path:	d:\gcmsb\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.30	ND	2.00
48)	Benzyl Chloride	0.01	ND	10.00
49)	4-Ethyl Toluene	-0.01	ND	2.00
50)	1,3,5-Trimethylbenzene	-0.01	ND	2.00
51)	1,2,4-Trimethylbenzene	0.02	ND	2.00
52)	1,3-Dichlorobenzene	0.27	ND	2.00
53)	1,4-Dichlorobenzene	0.05	ND	2.00
54)	1,2-Dichlorobenzene	-0.41	ND	2.00
55)	1,2,4-Trichlorobenzene	0.14	ND	20.00
56)	Hexachlorobutadiene	-0.42	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	335451	339046	OK	7.06	7.04	OK
1,4-Difluorobenzene	1369258	1341857	OK	8.70	8.68	OK
Chlorobenzene-d5	657730	690775	OK	13.98	13.89	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.83	97.7
Toluene-d8	50	46.60	93.2
4-Bromofluorobenzene	50	47.10	94.2

Comments:

Foot Notes:

1st Review: PKS 2/10/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	R10015-3 OHM	**Data Analyzed:**	9 Feb 1999 15:57
Misc. Info:	500 ML 18708-808 TEDLAR	**Method:**	MSB0209
Data Name:	B1094.D	**Shift Call.File:**	CC02091.D
Data Path:	D:\GCMSB\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.07	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)	-0.02	ND	2.00
9)	1,1-Dichloroethene	0.13	ND	2.00
10)	Carbon Disulfide	-0.02	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	12.56	2.00
12)	Acetone	0.01	ND	10.00
13)	Methylene Chloride	-0.02	ND	2.00
14)	t-1,2-Dichloroethene	-0.45	ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.09	ND	10.00
17)	c-1,2-Dichloroethene	0.02	ND	2.00
18)	2-Butanone	-0.32	ND	10.00
19)	Chloroform	-0.21	ND	2.00
20)	1,1,1-Trichloroethane	0.05	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)	Trichloroethane	0.01	5.96	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	-0.23	ND	2.00
29)	c-1,3-Dichloropropene	0.47	ND	2.00
30)	4-Methyl-2-Pentanone	-0.07	ND	10.00
32)	Toluene	-0.06	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene	0.05	ND	2.00
35)	1,1,2-Trichloroethane	0.17	ND	2.00
36)	Tetrachloroethene	-0.01	ND	2.00
37)	2-Hexanone	-0.08	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane	-0.14	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	0.03	ND	2.00
44)	Styrene	0.06	ND	2.00
45)	Bromoform		ND	2.00

FEB 10'99 14:01 FR 714 258 0921 TO OHM-IRVINE P.10

Sample Name:	-3 OHM	**Data Analyzed:**	02/ 9/19 -1:5:
Misc. Info:	500 ML 18708-808 TEDLAR	**Method:**	MSB0209
Data Name:	B1094.D	**Shift Call.File:**	CC02091.D
Data Path:	D:\GCMSB\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.07	ND	2.00
48)	Benzyl Chloride	-0.01	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	-0.02	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	0.21	ND	20.00
56)	Hexachlorobutadiene	-0.47	ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	335451	336821	OK	7.06	7.04	OK
1,4-Difluorobenzene	1369258	1459489	OK	8.70	8.67	OK
Chlorobenzene-d5	657730	736205	OK	13.98	13.84	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.07	92.1
Toluene-d8	50	45.63	91.3
4-Bromofluorobenzene	50	50.41	100.8

Comments:

Foot Notes:

1st Review: PNL 2/10/99

2nd Review:

FEB 10'99 14:01 FR 714 258 0921 TO OHM-IRVINE P.11

Quanterra Air Toxics Lab

Sample Name:	R10617-4 OHM	**Data Analyzed:**	9 Feb 1999 18:22
Misc. Info:	5 ML 18708-809 TEDLAR	**Method:**	MSB0209
Data Name:	B1097.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSB\990208\	**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	246.24	200.00
10) Carbon Disulfide		ND	1000.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.01	3192.91	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	0.02	ND	200.00
16) Vinyl Acetate	0.11	ND	1000.00
17) c-1,2-Dichloroethene	0.02	226.54	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	-0.02	ND	200.00
25) 1,2-Dichloroethane		ND	200.00
26) Trichloroethene	0.03	19794.56	200.00
27) 1,2-Dichloropropane	-0.31	~~256.67~~ NO RT	200.00
28) Bromodichloromethane		ND	200.00
29) c-1,3-Dichloropropene		ND	200.00
30) 4-Methyl-2-Pentanone	0.03	ND	1000.00
32) Toluene		ND	~~200.00~~ 500
34) t-1,3-Dichloropropene		ND	200.00
35) 1,1,2-Trichloroethane	0.04	ND	200.00
36) Tetrachloroethene	0.00	449.75	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

Sample Name:	-4 OHM	**Data Analyzed:**	02/ 9/19 -1:8:
Misc. Info:	5 ML 18708-809 TEDLAR	**Method:**	MSB0209
Data Name:	B1097.D	**Shift Call.File:**	CC02091.D
Data Path:	D:\GCMSB\990208\	**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	0.48	ND	200.00
50) 1,3,5-Trimethylbenzene		ND	200.00
51) 1,2,4-Trimethylbenzene		ND	200.00
52) 1,3-Dichlorobenzene		ND	200.00
53) 1,4-Dichlorobenzene		ND	200.00
54) 1,2-Dichlorobenzene		ND	200.00
55) 1,2,4-Trichlorobenzene		ND	2000.00
56) Hexachlorobutadiene		ND	400.00
MTBE		ND	1000

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	335451	282574	OK	7.06	7.05	OK
1,4-Difluorobenzene	1369258	1179435	OK	8.70	8.70	OK
Chlorobenzene-d5	657730	613544	OK	13.98	13.99	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	43.13	86.3
Toluene-d8	50	51.24	102.5
4-Bromofluorobenzene	50	43.94	87.9

Comments:

Foot Notes:

1st Review: PN 2/10/99 2nd Review:

FEB 10'99 14:02 FR 714 238 0921 TO OHM-IRVINE P.13

Quanterra Air Toxics Lab

Sample Name: B10015-1 OHM		**Data Analyzed:**	9 Feb 1999 17:27
Misc. Info:	500 ML 18708-806 TEDLAR	**Method:**	MSB0209
Data Name:	b1095.d	**Shift Cali.File:**	CC02091.D
Data Path:	d:\gcmsb\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.07	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)	-0.01	ND	0.0112
9)	1,1-Dichloroethene	0.02	ND	0.0079
10)	Carbon Disulfide	-0.01	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	0.0154	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	0.08	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.13	ND	0.0294
19)	Chloroform	-0.03	ND	0.0097
20)	1,1,1-Trichloroethane	0.02	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	0.01	0.0501	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	-0.06	ND	0.0409
32)	Toluene	-0.04	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	-0.14	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	-0.02	ND	0.0087
43)	o-Xylene	-0.03	ND	0.0087
44)	Styrene	-0.00	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	-1 OHM	**Data Analyzed:**	02/ 9/19 -1:7:
Misc. Info:	500 ML 18708-806 TEDLAR	**Method:**	MSB0209
Data Name:	b1095.d	**Shift Call.File:**	CC02091.D
Data Path:	d:\gcmsb\990208\	**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	0.15	ND	0.0518
49)	4-Ethyl Toluene	-0.04	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.00	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.03	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene	-0.04	ND	0.0120
54)	1,2-Dichlorobenzene	-0.46	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.16	ND	0.1481
56)	Hexachlorobutadiene	-0.50	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	335451	352834	OK	7.06	7.05	OK
1,4-Difluorobenzene	1369258	1312874	OK	8.70	8.68	OK
Chlorobenzene-d5	657730	665160	OK	13.98	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.19	104.4
Toluene-d8	50	45.46	90.9
4-Bromofluorobenzene	50	47.25	94.5

Comments:

Foot Notes:

1st Review: PN 2/10/99 2nd Review

FEB 10'99 14:00 FR 714 258 0921 TO OHM-IRVINE P.05

Quanterra Air Toxics Lab

Sample Name:	B100152 OHM	**Data Analyzed:**	9 Feb 1999 17:54
Misc. Info:	500 ML 18708-807 TEDLAR	**Method:**	MSB0209
Data Name:	B1096.D	**Shift Call.File:**	CC02091.D
Data Path:	d:\gcmsb\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)	
2)	Dichlorodifluoromethane (1	-0.09	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		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)	-0.01	0.2696	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	0.10	ND	0.0351	
17)	c-1,2-Dichloroethene		ND	0.0079	
18)	2-Butanone	0.01	ND	0.0294	
19)	Chloroform	0.08	ND	0.0097	
20)	1,1,1-Trichloroethane	0.01	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	0.0410	0.0107	
27)	1,2-Dichloropropane		ND	0.0092	
28)	Bromodichloromethane	0.47	ND	0.0134	
29)	c-1,3-Dichloropropene	0.12	ND	0.0091	
30)	4-Methyl-2-Pentanone	-0.07	ND	0.0409	
32)	Toluene	-0.05	ND	~~0.0075~~	0.019
34)	t-1,3-Dichloropropene	-0.23	ND	~~0.0091~~	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109	
36)	Tetrachloroethene	-0.04	ND	0.0135	
37)	2-Hexanone	-0.14	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	0.00	ND	0.0087	
44)	Styrene	-0.02	ND	0.0085	
45)	Bromoform		ND	0.0206	

FEB 10'99 14:00 FR 714 258 0921 TO OHM-IRVINE P.08

Sample Name:	-2 OHM	**Data Analyzed:**	02/ 9/19 -1:7:
Misc. Info:	500 ML 18708-807 TEDLAR	**Method:**	MSB0209
Data Name:	B1096.D	**Shift Cali.File:**	CC02091.D
Data Path:	d:\gcmsb\990208\	**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	0.01	ND	0.0518
49)	4-Ethyl Toluene	-0.01	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.01	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.02	ND	0.0098
52)	1,3-Dichlorobenzene	0.27	ND	0.0120
53)	1,4-Dichlorobenzene	0.05	ND	0.0120
54)	1,2-Dichlorobenzene	-0.41	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.14	ND	0.1481
56)	Hexachlorobutadiene	-0.42	ND	0.0426
	MTBE		N/A	0.026

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	335451	339046	OK	7.06	7.04	OK
1,4-Difluorobenzene	1369258	1341857	OK	8.70	8.68	OK
Chlorobenzene-d5	657730	690775	OK	13.98	13.89	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.83	97.7
Toluene-d8	50	46.60	93.2
4-Bromofluorobenzene	50	47.10	94.2

Comments:

Foot Notes:

1st Review: PW 2/10/99 2nd Review

FEB 10'99 14:01 FR 714 258 0921 TO OHM-IRVINE P.03

Quanterra Air Toxics Lab

Sample Name:	210015)3 OHM	**Data Analyzed:**	9 Feb 1999 15:57
Misc. Info:	500 ML 18708-808 TEDLAR	**Method:**	MSB0209
Data Name:	B1094.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSB\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)	
2)	Dichlorodifluoromethane (1	-0.07	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)	-0.02	ND	0.0112	
9)	1,1-Dichloroethene	0.13	ND	0.0079	
10)	Carbon Disulfide	-0.02	ND	0.0311	
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	0.0960	0.0153	
12)	Acetone	0.01	ND	0.0237	
13)	Methylene Chloride	-0.02	ND	0.0069	
14)	t-1,2-Dichloroethene	-0.45	ND	0.0079	
15)	1,1-Dichloroethane		ND	0.0081	
16)	Vinyl Acetate	0.09	ND	0.0351	
17)	c-1,2-Dichloroethene	0.02	ND	0.0079	
18)	2-Butanone	-0.32	ND	0.0294	
19)	Chloroform	-0.21	ND	0.0097	
20)	1,1,1-Trichloroethane	0.05	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	0.01	0.0320	0.0107	
27)	1,2-Dichloropropane		ND	0.0092	
28)	Bromodichloromethane	-0.23	ND	0.0134	
29)	c-1,3-Dichloropropene	0.47	ND	0.0091	
30)	4-Methyl-2-Pentanone	-0.07	ND	0.0409	
32)	Toluene	-0.06	ND	~~0.0075~~	0.04
34)	t-1,3-Dichloropropene	0.05	ND	0.0091	
35)	1,1,2-Trichloroethane	0.17	ND	0.0109	
36)	Tetrachloroethene	-0.01	ND	0.0135	
37)	2-Hexanone	-0.08	ND	0.1226	
38)	Dibromochloromethane		ND	0.0170	
39)	1,2-Dibromoethane	-0.14	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	0.03	ND	0.0087	
44)	Styrene	0.06	ND	0.0085	
45)	Bromoform		ND	0.0206	

FEB 10'99 14:01 FR 714 258 0921 TO OHM-IRVINE P.12

Sample Name:	-3 OHM	**Data Analyzed:**	02/ 9/19 -1:5:
Misc. Info:	500 ML 18708-808 TEDLAR	**Method:**	MSB0209
Data Name:	B1094.D	**Shift Call.File:**	CC02091.D
Data Path:	D:\GCMSB\990208\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.07	ND	0.0137
48)	Benzyl Chloride	-0.01	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	-0.02	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	0.21	ND	0.1481
56)	Hexachlorobutadiene	-0.47	ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	335451	336821	OK	7.06	7.04	OK
1,4-Difluorobenzene	1369258	1459489	OK	8.70	8.67	OK
Chlorobenzene-d5	657730	736205	OK	13.98	13.84	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.07	92.1
Toluene-d8	50	45.63	91.3
4-Bromofluorobenzene	50	50.41	100.8

Comments:

Foot Notes:

1st Review: PK 2/10/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	[illegible]-4 OHM	**Data Analyzed:**	9 Feb 1999 18:22
Misc. Info:	5 ML 18708-809 TEDLAR	**Method:**	MSB0209
Data Name:	B1097.D	**Shift Call.File:**	CC02091.D
Data Path:	D:\GCMSB\990208\	**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	0.9744	0.7914
10)	Carbon Disulfide		ND	3.1080
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	24.4194	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	0.02	ND	0.8078
16)	Vinyl Acetate	0.11	ND	3.5140
17)	c-1,2-Dichloroethene	0.02	0.8964	0.7914
18)	2-Butanone		ND	2.9430
19)	Chloroform	-0.02	ND	0.9748
20)	1,1,1-Trichloroethane		ND	1.0890
21)	Carbon Tetrachloride	0.01	ND	1.2556
23)	Benzene	-0.02	ND	0.6376
25)	1,2-Dichloroethane		ND	0.8078
26)	Trichloroethene	0.03	106.1582	1.0726
27)	1,2-Dichloropropane	-0.31	~~1.1835~~ ND RT	0.9224
28)	Bromodichloromethane		ND	1.3374
29)	c-1,3-Dichloropropene		ND	0.9058
30)	4-Methyl-2-Pentanone	0.03	ND	4.0880
32)	Toluene		ND	~~0.7522~~ 1.88
34)	t-1,3-Dichloropropene		ND	0.9058
35)	1,1,2-Trichloroethane	0.04	ND	1.0890
36)	Tetrachloroethene	0.00	3.0444	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:	-4 OHM	**Data Analyzed:**	02/ 9/19 -1:8:
Misc. Info:	5 ML 18708-809 TEDLAR	**Method:**	MSB0209
Data Name:	B1097.D	**Shift Cali.File:**	CC02091.D
Data Path:	D:\GCMSB\990208\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.3702
48)	Benzyl Chloride		ND	5.1760
49)	4-Ethyl Toluene	0.48	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		210	3.6

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	335461	282574	OK	7.06	7.05	OK
1,4-Difluorobenzene	1369258	1179435	OK	8.70	8.70	OK
Chlorobenzene-d5	657730	613544	OK	13.98	13.99	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	43.13	86.3
Toluene-d8	50	51.24	102.5
4-Bromofluorobenzene	50	43.94	87.9

Comments:

Foot Notes:

1st Review: PH 2/10/99 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
222408
FORM 0019 REV. 2-97

M9B160195

OHM's LAB COORDINATOR	LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	LABORATORY SERVICE ID	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)
Thizar Tintut-Williams	(949) 660-5300	(949) 475-5733	Ø	Maria Jones	OHM Remediation
PROJECT NAME	**PROJECT LOCATION**	**PROJECT NUMBER**	**LABORATORY PHONE**	**LABORATORY FAX**	**RECIPIENT NAME**
SVE 54 & Ste 84	MCAS El Toro	18708	(714) 258-8610		Dwayne Ishida
PROJECT CONTACT	**PROJECT PHONE NUMBER**	**PROJECT FAX**	**LABORATORY ADDRESS**		**ADDRESS**
Thizar Tintut-Williams	(949) 660-5300	(949) 475-5733	Quanterra		3347 Michelson, Ste 200
PROJECT ADDRESS	**CITY, STATE AND ZIPCODE**	**CLIENT**	**CITY, STATE AND ZIPCODE**		**CITY, STATE, AND ZIPCODE**
MCAS El Toro	Santa Ana CA	Lynn Hornecker, SW Div	Santa Ana CA		Irvine CA
PROJECT MANAGER	**PROJECT MANAGER'S PHONE**	**PROJECT MANAGER'S FAX**			
Bill Sedlak	(949) 660-5300	(949) 475-5733			

Analyze 'A' Bag first

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

2/16/99

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

RELINQUISHED BY	RECEIVED BY	DATE	TIME
[signature]	Clay E. Estes	2/16/99	3:00 PM

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

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

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

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

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

M9B160195 - 2

Quanterra Air Toxics Lab

Sample Name:	CQTPF-10 OHM	**Data Analyzed:**	16 Feb 1999 19:07
Misc. Info:	500ml 18708-841 B160195-2 TEDLA	**Method:**	MSB0216
Data Name:	B1154.D	**Shift Call.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(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)		ND	2.00
9)	1,1-Dichloroethene	-0.01	2.36	2.00
10)	Carbon Disulfide	0.01	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	16.01	2.00
12)	Acetone	0.01	ND	10.00
13)	Methylene Chloride	-0.00	2.44	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	-0.44	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	-0.01	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	-0.06	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	ND	2.00
37)	2-Hexanone	-0.10	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene	-0.05	ND	2.00
41)	Ethylbenzene	0.04	ND	2.00
42)	p,&m-Xylene	0.01	ND	2.00
43)	o-Xylene	0.00	ND	2.00
44)	Styrene	0.01	ND	2.00
45)	Bromoform		ND	2.00

FEB 17'99 17:05 FR 214 258 0921 TO OHM-IRVINE P.02

Sample Name:	CQTPF-101 OHM	**Data Analyzed:**	02/16/19 -1:9:
Misc. Info:	500ml 18708-841 B180195-2 TE	**Method:**	MSB0216
Data Name:	B1154.D	**Shift Call.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride		ND	10.00
49) 4-Ethyl Toluene	-0.03	ND	2.00
50) 1,3,5-Trimethylbenzene	0.04	ND	2.00
51) 1,2,4-Trimethylbenzene	-0.04	ND	2.00
52) 1,3-Dichlorobenzene	0.15	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	-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	274430	319606	OK	7.06	7.05	OK
1,4-Difluorobenzene	1097477	1132005	OK	8.69	8.68	OK
Chlorobenzene-d5	562450	612454	OK	14.01	13.93	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.99	106.0
Toluene-d8	50	51.67	103.3
4-Bromofluorobenzene	50	52.08	104.2

Comments:

Foot Notes:

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

FEB 17'99 17:06 FR 714 258 0921 TO OHM-IRVINE P.03

M9B160195-3

Quanterra Air Toxics Lab

Sample Name:	CQTPG-10 OHM	**Data Analyzed:**	16 Feb 1999 17:44
Misc. Info:	500ml 18708-842 B160195-3 TEDLA	**Method:**	MSB0216
Data Name:	B1151.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.03	ND	2.00
3)	Chloromethane	-0.02	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)	-0.50	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	0.08	ND	2.00
10)	Carbon Disulfide	-0.01	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	13.74	2.00
12)	Acetone	0.00	ND	10.00
13)	Methylene Chloride	0.00	2.83	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.00	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	-0.02	ND	2.00
23)	Benzene	0.03	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.01	3.80	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	0.29	ND	2.00
29)	c-1,3-Dichloropropene	0.50	ND	2.00
30)	4-Methyl-2-Pentanone	-0.05	ND	10.00
32)	Toluene	-0.07	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.30	ND	2.00
36)	Tetrachloroethene	-0.02	ND	2.00
37)	2-Hexanone	0.10	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene	-0.05	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	0.01	ND	2.00
45)	Bromoform		ND	2.00

FEB 17'99 17:06 FR 714 258 0921 TO OHM-IRVINE P.06

Sample Name:	CQTPG-101 OHM	**Data Analyzed:**	02/16/19 -1:7;
Misc. Info:	500ml 18708-842 B160195-3 TE	**Method:**	MSB0216
Data Name:	B1151.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	0.05	ND	10.00
49)	4-Ethyl Toluene	0.02	ND	2.00
50)	1,3,5-Trimethylbenzene	0.01	ND	2.00
51)	1,2,4-Trimethylbenzene	-0.01	ND	2.00
52)	1,3-Dichlorobenzene	0.06	ND	2.00
53)	1,4-Dichlorobenzene	-0.15	ND	2.00
54)	1,2-Dichlorobenzene	-0.33	ND	2.00
55)	1,2,4-Trichlorobenzene	0.13	ND	20.00
56)	Hexachlorobutadiene	-0.44	ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	274430	292289	OK	7.06	7.06	OK
1,4-Difluorobenzene	1097477	1077834	OK	8.69	8.68	OK
Chlorobenzene-d5	562450	541294	OK	14.01	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.31	102.6
Toluene-d8	50	43.62	87.2
4-Bromofluorobenzene	50	46.25	92.5

Comments:

Foot Notes:

1st Review: PMS 2/16/99

2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CQTPF-101 OHM	**Data Analyzed:**	16 Feb 1999 19:07
Misc. Info:	500ml 18708-841 B160195-2 TEDL	**Method:**	MSB0216
Data Name:	B1154.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.08	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		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)		ND	0.0112
9)	1,1-Dichloroethene	-0.01	0.0093	0.0079
10)	Carbon Disulfide	0.01	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	0.1224	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	0.03	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	-0.44	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	-0.01	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	-0.06	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		ND	0.0109
36)	Tetrachloroethene	-0.02	ND	0.0135
37)	2-Hexanone	-0.10	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene	-0.05	ND	0.0092
41)	Ethylbenzene	0.04	ND	0.0087
42)	p,&m-Xylene	0.01	ND	0.0087
43)	o-Xylene	0.00	ND	0.0087
44)	Styrene	0.01	ND	0.0085
45)	Bromoform		ND	0.0206

FEB 17'99 17:06 FR 714 258 0921 TO OHM-IRVINE P.04

Sample Name:	CQTPF-101 OHM	**Data Analyzed:**	02/16/19 -1:9:
Misc. Info:	500ml 18708-841 B160195-2 T	**Method:**	MSB0216
Data Name:	B1154.D	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride		ND	0.0518
49)	4-Ethyl Toluene	-0.03	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.04	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.04	ND	0.0098
52)	1,3-Dichlorobenzene	0.15	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	-0.39	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	274430	319606	OK	7.06	7.05	OK
1,4-Difluorobenzene	1097477	1132005	OK	8.69	8.68	OK
Chlorobenzene-d5	562450	612454	OK	14.01	13.93	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.99	106.0
Toluene-d8	50	51.67	103.3
4-Bromofluorobenzene	50	52.08	104.2

Comments:

Foot Notes:

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

FEB 17'99 17:06 FR 714 258 0921 TO OHM-IRVINE P.05

Quanterra Air Toxics Lab

Sample Name:	CQTPG-101 OHM	**Data Analyzed:**	16 Feb 1999 17:44
Misc. Info:	500ml 18708-842 B160195-3 TEDL	**Method:**	MSB0216
Data Name:	b1151.d	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.03	ND	0.0099
3)	Chloromethan	-0.02	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)	-0.50	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	0.08	ND	0.0079
10)	Carbon Disulfide	-0.01	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	0.1051	0.0153
12)	Acetone	0.00	ND	0.0237
13)	Methylene Chloride	0.00	0.0098	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.00	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	-0.02	ND	0.0126
23)	Benzene	0.03	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.01	0.0204	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	0.29	ND	0.0134
29)	c-1,3-Dichloropropene	0.50	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.05	ND	0.0409
32)	Toluene	-0.07	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.30	ND	0.0109
36)	Tetrachloroethene	-0.02	ND	0.0135
37)	2-Hexanone	0.10	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene	-0.05	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	0.01	ND	0.0085
45)	Bromoform		ND	0.0206

FEB 17'99 17:07 FR 714 258 0921 TO OHM-IRVINE P.08

Sample Name:	CQTPG-101 OHM	**Data Analyzed:**	02/16/19 -1:7:
Misc. Info:	500ml 18708-842 B160195-3 T	**Method:**	MSB0216
Data Name:	b1151.d	**Shift Call.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.05	ND	0.0518
49)	4-Ethyl Toluene	0.02	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.01	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.01	ND	0.0098
52)	1,3-Dichlorobenzene	0.06	ND	0.0120
53)	1,4-Dichlorobenzene	-0.15	ND	0.0120
54)	1,2-Dichlorobenzene	-0.33	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.13	ND	0.1481
56)	Hexachlorobutadiene	-0.44	ND	0.0426
	MTBE		ND	6-016

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	274430	292289	OK	7.06	7.06	OK
1,4-Difluorobenzene	1097477	1077834	OK	8.69	8.68	OK
Chlorobenzene-d5	562450	541294	OK	14.01	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.31	102.6
Toluene-d8	50	43.62	87.2
4-Bromofluorobenzene	50	46.25	92.5

Comments:

Foot Notes:

1st Review: PW 2/16/99 2nd Review

FEB 17'99 17:07 FR 714 258 0921 TO OHM-IRVINE P.09

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
219476
FORM 0019 REV 2-97

OHM's LAB COORDINATOR: [illegible]	LAB COORDINATOR'S PHONE: [illegible]	LAB COORDINATOR'S FAX: [illegible]	LABORATORY SERVICE ID: Q136035	LABORATORY CONTACT:	MAIL REPORT (COMPANY NAME): [illegible]
PROJECT NAME: [illegible]	PROJECT LOCATION: [illegible]	PROJECT NUMBER: [illegible]	LABORATORY PHONE: [illegible]	LABORATORY FAX:	RECIPIENT NAME: [illegible]
PROJECT CONTACT: [illegible]	PROJECT PHONE NUMBER: [illegible]	PROJECT FAX: [illegible]	LABORATORY ADDRESS: [illegible]	ADDRESS: 3347 Michelson Dr. [illegible]	
PROJECT ADDRESS: [illegible]	CITY, STATE AND ZIPCODE: [illegible]	CLIENT: [illegible]	CITY, STATE, AND ZIPCODE: Santa Ana, CA	CITY, STATE, AND ZIPCODE: Irvine CA	
PROJECT MANAGER: [illegible]	PROJECT MANAGER'S PHONE: [illegible]	PROJECT MANAGER'S FAX: [illegible]			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T	Analyses: TO-14	Analyses: Hold Analytical							Comments
																	Analyze 'A' Bag First
1	[illegible]-71E	Vapor	1/27/99	1646	Amb	2	III	24hr	X								
2	[illegible]-71W	Vapor	1/27/99	1643	Amb	3	III	24hr	X								
3	[illegible]-72E	Vapor	1/27/99	[illegible]	Amb	2	III	24hr		X							Analyze only if [illegible] 701 is detected
4	[illegible]-701	Vapor	1/27/99	1645	Amb	3	III	24hr	X								
5	[illegible] ✓	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	III	5day	X								
6	[illegible] ✓	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	III	5day	X								
7	[illegible] ✓	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	III	[illegible]	X								
8	[illegible] ✓	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	III	[illegible]	X								
9	[illegible]-703 ✓	[illegible]	[illegible]	[illegible]	[illegible]	3	III	5day	X								
10	[illegible] ✓	[illegible]	[illegible]	1645	[illegible]	3	III	[illegible]	X								

SAMPLES COLLECTED BY: [illegible]

RELINQUISHED BY	RECEIVED BY	DATE	TIME
[illegible]	[illegible]	1/28/99	0640

COURIER AND AIR BILL NUMBER:

COOLER TEMPERATURE UPON RECEIPT:

SAMPLE'S CONDITION UPON RECEIPT:

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

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

Sample Point Location	Sample Type: G	C	F	QC
(1) Central SVE - Amb	X		X	X
(2) Central SVE - Int	X		X	
(3) Central SVE - EEF	X		X	
(4) Central SVE - Mid	X		X	
(5) 24 SVE 107 - Well Head	X		X	
(6) 24 SVE 116 - Well Head	X		X	
(7) 24 SVE 5 - Well Head	X		X	
(8) 24 SVE 57A - Well Head	X		X	
(9) 24 SVE 104B - Well Head	X		X	
(10) 24 SVE 9 - Well Head	X		X	

Comments:
Start-up Sampling (1) - (4)
Well Head Sampling (5) - (10)

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

Volatile Organics by GCMS - EPA TO14 Modified

Client Name:	IT Group		
Client ID:	18708-727		
LAB ID:	136035-0005-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 10	

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		20	ppb (v/v)
Chloromethane	ND		40	ppb (v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		20	ppb (v/v)
Vinyl chloride	ND		20	ppb (v/v)
Bromomethane	ND		20	ppb (v/v)
Chloroethane	ND		40	ppb (v/v)
Trichlorofluoromethane	ND		20	ppb (v/v)
1,1-Dichloroethene	45	F	20	ppb (v/v)
Carbon disulfide	ND		100	ppb (v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	12000	D	100	ppb (v/v)
Acetone	ND		100	ppb (v/v)
Methylene chloride	ND		20	ppb (v/v)
trans-1,2-Dichloroethene	ND		20	ppb (v/v)
Methyl t-butyl ether	ND		100	ppb (v/v)
1,1-Dichloroethane	ND		20	ppb (v/v)
Vinyl acetate	ND		100	ppb (v/v)
cis-1,2-Dichloroethene	ND		20	ppb (v/v)
2-Butanone	ND		100	ppb (v/v)
Chloroform	ND		20	ppb (v/v)
1,1,1-Trichloroethane	ND		20	ppb (v/v)
Carbon tetrachloride	ND		20	ppb (v/v)
Benzene	ND		20	ppb (v/v)
1,2-Dichloroethane	ND		20	ppb (v/v)
Trichloroethene	1400		20	ppb (v/v)
1,2-Dichloropropane	ND		20	ppb (v/v)
Bromodichloromethane	ND		20	ppb (v/v)
cis-1,3-Dichloropropene	ND		20	ppb (v/v)
4-Methyl-2-pentanone	ND		100	ppb (v/v)
Toluene	ND		50	ppb (v/v)
trans-1,3-Dichloropropene	ND		20	ppb (v/v)
1,1,2-Trichloroethane	ND		20	ppb (v/v)
Tetrachloroethene	ND		20	ppb (v/v)
2-Hexanone	ND		300	ppb (v/v)
Dibromochloromethane	ND		20	ppb (v/v)
1,2-Dibromoethane (EDB)	ND		20	ppb (v/v)
Chlorobenzene	ND		20	ppb (v/v)
Ethylbenzene	ND		20	ppb (v/v)
Xylenes (total)	ND		20	ppb (v/v)
Styrene	ND		20	ppb (v/v)
Bromoform	ND		20	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND		20	ppb (v/v)
Benzyl chloride	ND		100	ppb (v/v)

D = Compound quantitated using a secondary dilution.
F = Reported value estimated due to an interference.
ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name: IT Group
Client ID: 18708-727
LAB ID: 136035-0005-SA
Matrix: AIR Sampled: 27 JAN 99 Received: 28 JAN 99
Authorized: 28 JAN 99 Prepared: N/A Analyzed: 28 JAN 99
Instrument: GC/MS-A Dilution: 10

Parameter	Result	Qualifier	RL	Units
4-Ethyltoluene	ND		20	ppb (v/v)
1,3,5-Trimethylbenzene	ND		20	ppb (v/v)
1,2,4-Trimethylbenzene	ND		20	ppb (v/v)
1,3-Dichlorobenzene	ND		20	ppb (v/v)
1,4-Dichlorobenzene	ND		20	ppb (v/v)
1,2-Dichlorobenzene	ND		20	ppb (v/v)
1,2,4-Trichlorobenzene	ND		200	ppb (v/v)
Hexachlorobutadiene	ND		40	ppb (v/v)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified

Client Name:	IT Group		
Client ID:	18708-730		
LAB ID:	136035-0006-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 83	

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		170	ppb (v/v)
Chloromethane	ND		330	ppb (v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		170	ppb (v/v)
Vinyl chloride	ND		170	ppb (v/v)
Bromomethane	ND		170	ppb (v/v)
Chloroethane	ND		330	ppb (v/v)
Trichlorofluoromethane	ND		170	ppb (v/v)
1,1-Dichloroethene	350	F	170	ppb (v/v)
Carbon disulfide	ND		830	ppb (v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	14000		170	ppb (v/v)
Acetone	ND		830	ppb (v/v)
Methylene chloride	ND		170	ppb (v/v)
trans-1,2-Dichloroethene	ND		170	ppb (v/v)
Methyl t-butyl ether	ND		830	ppb (v/v)
1,1-Dichloroethane	ND		170	ppb (v/v)
Vinyl acetate	ND		830	ppb (v/v)
cis-1,2-Dichloroethene	ND		170	ppb (v/v)
2-Butanone	ND		830	ppb (v/v)
Chloroform	ND		170	ppb (v/v)
1,1,1-Trichloroethane	ND		170	ppb (v/v)
Carbon tetrachloride	ND		170	ppb (v/v)
Benzene	ND		170	ppb (v/v)
1,2-Dichloroethane	ND		170	ppb (v/v)
Trichloroethene	12000		170	ppb (v/v)
1,2-Dichloropropane	ND		170	ppb (v/v)
Bromodichloromethane	ND		170	ppb (v/v)
cis-1,3-Dichloropropene	ND		170	ppb (v/v)
4-Methyl-2-pentanone	ND		830	ppb (v/v)
Toluene	ND		420	ppb (v/v)
trans-1,3-Dichloropropene	ND		170	ppb (v/v)
1,1,2-Trichloroethane	ND		170	ppb (v/v)
Tetrachloroethene	ND		170	ppb (v/v)
2-Hexanone	ND		2500	ppb (v/v)
Dibromochloromethane	ND		170	ppb (v/v)
1,2-Dibromoethane (EDB)	ND		170	ppb (v/v)
Chlorobenzene	ND		170	ppb (v/v)
Ethylbenzene	ND		170	ppb (v/v)
Xylenes (total)	ND		170	ppb (v/v)
Styrene	ND		170	ppb (v/v)
Bromoform	ND		170	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND		170	ppb (v/v)
Benzyl chloride	ND		830	ppb (v/v)
4-Ethyltoluene	ND		170	ppb (v/v)

F = Reported value estimated due to an interference.
ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name: IT Group
Client ID: 18708-730
LAB ID: 136035-0006-SA
Matrix: AIR
Authorized: 28 JAN 99
Instrument: GC/MS-A

Sampled: 27 JAN 99
Prepared: N/A
Dilution: 83

Received: 28 JAN 99
Analyzed: 28 JAN 99

Parameter	Result	Qualifier	RL	Units
1,3,5-Trimethylbenzene	ND		170	ppb (v/v)
1,2,4-Trimethylbenzene	ND		170	ppb (v/v)
1,3-Dichlorobenzene	ND		170	ppb (v/v)
1,4-Dichlorobenzene	ND		170	ppb (v/v)
1,2-Dichlorobenzene	ND		170	ppb (v/v)
1,2,4-Trichlorobenzene	ND		1700	ppb (v/v)
Hexachlorobutadiene	ND		330	ppb (v/v)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified

Client Name: IT Group
Client ID: 18708-731
LAB ID: 136035-0007-SA
Matrix: AIR
Authorized: 28 JAN 99
Instrument: GC/MS-A

Sampled: 27 JAN 99
Prepared: N/A
Dilution: 1.0

Received: 28 JAN 99
Analyzed: 28 JAN 99

Parameter	Result	Qualifier	RL	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)
Methyl t-butyl ether	ND		10	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	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	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)
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)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name:	IT Group		
Client ID:	18708-731		
LAB ID:	136035-0007-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 1.0	

Parameter	Result	Qualifier	RL	Units
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)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified

Client Name: IT Group
Client ID: 18708-732
LAB ID: 136035-0008-SA
Matrix: AIR — Sampled: 27 JAN 99 — Received: 28 JAN 99
Authorized: 28 JAN 99 — Prepared: N/A — Analyzed: 28 JAN 99
Instrument: GC/MS-A — Dilution: 1.0

Parameter	Result	Qualifier	RL	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	4.8		2.0	ppb (v/v)
Carbon disulfide	ND		10	ppb (v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	31		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)
Methyl t-butyl ether	ND		10	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	ND		10	ppb (v/v)
Chloroform	5.6		2.0	ppb (v/v)
1,1,1-Trichloroethane	ND		2.0	ppb (v/v)
Carbon tetrachloride	2.1		2.0	ppb (v/v)
Benzene	ND		2.0	ppb (v/v)
1,2-Dichloroethane	ND		2.0	ppb (v/v)
Trichloroethene	140		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	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	14		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)
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)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name:	IT Group		
Client ID:	18708-732		
LAB ID:	136035-0008-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 1.0	

Parameter	Result	Qualifier	RL	Units
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)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified

Client Name:	IT Group		
Client ID:	18708-733		
LAB ID:	136035-0009-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 1.7	

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		3.3	ppb (v/v)
Chloromethane	ND		6.7	ppb (v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		3.3	ppb (v/v)
Vinyl chloride	ND		3.3	ppb (v/v)
Bromomethane	ND		3.3	ppb (v/v)
Chloroethane	ND		6.7	ppb (v/v)
Trichlorofluoromethane	ND		3.3	ppb (v/v)
1,1-Dichloroethene	ND		3.3	ppb (v/v)
Carbon disulfide	ND		17	ppb (v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	47		3.3	ppb (v/v)
Acetone	ND		17	ppb (v/v)
Methylene chloride	ND		3.3	ppb (v/v)
trans-1,2-Dichloroethene	ND		3.3	ppb (v/v)
Methyl t-butyl ether	ND		17	ppb (v/v)
1,1-Dichloroethane	ND		3.3	ppb (v/v)
Vinyl acetate	ND		17	ppb (v/v)
cis-1,2-Dichloroethene	ND		3.3	ppb (v/v)
2-Butanone	ND		17	ppb (v/v)
Chloroform	ND		3.3	ppb (v/v)
1,1,1-Trichloroethane	ND		3.3	ppb (v/v)
Carbon tetrachloride	ND		3.3	ppb (v/v)
Benzene	ND		3.3	ppb (v/v)
1,2-Dichloroethane	3.4		3.3	ppb (v/v)
Trichloroethene	230		3.3	ppb (v/v)
1,2-Dichloropropane	ND		3.3	ppb (v/v)
Bromodichloromethane	ND		3.3	ppb (v/v)
cis-1,3-Dichloropropene	ND		3.3	ppb (v/v)
4-Methyl-2-pentanone	ND		17	ppb (v/v)
Toluene	ND		8.3	ppb (v/v)
trans-1,3-Dichloropropene	ND		3.3	ppb (v/v)
1,1,2-Trichloroethane	ND		3.3	ppb (v/v)
Tetrachloroethene	ND		3.3	ppb (v/v)
2-Hexanone	ND		50	ppb (v/v)
Dibromochloromethane	ND		3.3	ppb (v/v)
1,2-Dibromoethane (EDB)	ND		3.3	ppb (v/v)
Chlorobenzene	ND		3.3	ppb (v/v)
Ethylbenzene	ND		3.3	ppb (v/v)
Xylenes (total)	ND		3.3	ppb (v/v)
Styrene	ND		3.3	ppb (v/v)
Bromoform	ND		3.3	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND		3.3	ppb (v/v)
Benzyl chloride	ND		17	ppb (v/v)
4-Ethyltoluene	ND		3.3	ppb (v/v)
1,3,5-Trimethylbenzene	ND		3.3	ppb (v/v)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name:	IT Group		
Client ID:	18708-733		
LAB ID:	136035-0009-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 1.7	

Parameter	Result	Qualifier	RL	Units
1,2,4-Trimethylbenzene	ND		3.3	ppb (v/v)
1,3-Dichlorobenzene	ND		3.3	ppb (v/v)
1,4-Dichlorobenzene	ND		3.3	ppb (v/v)
1,2-Dichlorobenzene	ND		3.3	ppb (v/v)
1,2,4-Trichlorobenzene	ND		33	ppb (v/v)
Hexachlorobutadiene	ND		6.7	ppb (v/v)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified

Client Name: IT Group
Client ID: 18708-734
LAB ID: 136035-0010-SA
Matrix: AIR — Sampled: 27 JAN 99 — Received: 28 JAN 99
Authorized: 28 JAN 99 — Prepared: N/A — Analyzed: 28 JAN 99
Instrument: GC/MS-A — Dilution: 50

Parameter	Result	Qualifier	RL	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	8400		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)
Methyl t-butyl ether	ND		500	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	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	7700		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	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	ND		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)
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)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 Modified (cont.)

Client Name: IT Group
Client ID: 18708-734
LAB ID: 136035-0010-SA
Matrix: AIR
Authorized: 28 JAN 99
Instrument: GC/MS-A

Sampled: 27 JAN 99
Prepared: N/A
Dilution: 50

Received: 28 JAN 99
Analyzed: 28 JAN 99

Parameter	Result	Qualifier	RL	Units
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)

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name:	IT Group		
Client ID:	18708-727		
LAB ID:	136035-0005-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 10	

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		0.099	ug/L
Chloromethane	ND		0.082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.14	ug/L
Vinyl chloride	ND		0.051	ug/L
Bromomethane	ND		0.078	ug/L
Chloroethane	ND		0.11	ug/L
Trichlorofluoromethane	ND		0.11	ug/L
1,1-Dichloroethene	0.18	F	0.079	ug/L
Carbon disulfide	ND		0.31	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	88	D	0.76	ug/L
Acetone	ND		0.24	ug/L
Methylene chloride	ND		0.069	ug/L
trans-1,2-Dichloroethene	ND		0.079	ug/L
Methyl t-butyl ether	ND		0.36	ug/L
1,1-Dichloroethane	ND		0.081	ug/L
Vinyl acetate	ND		0.35	ug/L
cis-1,2-Dichloroethene	ND		0.079	ug/L
2-Butanone	ND		0.29	ug/L
Chloroform	ND		0.097	ug/L
1,1,1-Trichloroethane	ND		0.11	ug/L
Carbon tetrachloride	ND		0.13	ug/L
Benzene	ND		0.064	ug/L
1,2-Dichloroethane	ND		0.081	ug/L
Trichloroethene	7.5		0.11	ug/L
1,2-Dichloropropane	ND		0.092	ug/L
Bromodichloromethane	ND		0.13	ug/L
cis-1,3-Dichloropropene	ND		0.091	ug/L
4-Methyl-2-pentanone	ND		0.41	ug/L
Toluene	ND		0.19	ug/L
trans-1,3-Dichloropropene	ND		0.091	ug/L
1,1,2-Trichloroethane	ND		0.11	ug/L
Tetrachloroethene	ND		0.14	ug/L
2-Hexanone	ND		1.2	ug/L
Dibromochloromethane	ND		0.17	ug/L
1,2-Dibromoethane (EDB)	ND		0.15	ug/L
Chlorobenzene	ND		0.092	ug/L
Ethylbenzene	ND		0.087	ug/L
Xylenes (total)	ND		0.087	ug/L
Styrene	ND		0.085	ug/L
Bromoform	ND		0.21	ug/L
1,1,2,2-Tetrachloroethane	ND		0.14	ug/L
Benzyl chloride	ND		0.52	ug/L

D = Compound quantitated using a secondary dilution.
F = Reported value estimated due to an interference.
ND = Not Detected

Volatile Organics by GCMS - EPA TO14 (cont.)

Client Name: IT Group
Client ID: 18708-727
LAB ID: 136035-0005-SA
Matrix: AIR Sampled: 27 JAN 99 Received: 28 JAN 99
Authorized: 28 JAN 99 Prepared: N/A Analyzed: 28 JAN 99
Instrument: GC/MS-A Dilution: 10

Parameter	Result	Qualifier	RL	Units
4-Ethyltoluene	ND		0.099	ug/L
1,3,5-Trimethylbenzene	ND		0.098	ug/L
1,2,4-Trimethylbenzene	ND		0.098	ug/L
1,3-Dichlorobenzene	ND		0.12	ug/L
1,4-Dichlorobenzene	ND		0.12	ug/L
1,2-Dichlorobenzene	ND		0.12	ug/L
1,2,4-Trichlorobenzene	ND		1.5	ug/L
Hexachlorobutadiene	ND		0.42	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name:	IT Group		
Client ID:	18708-730		
LAB ID:	136035-0006-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 83	

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		0.82	ug/L
Chloromethane	ND		0.68	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		1.2	ug/L
Vinyl chloride	ND		0.42	ug/L
Bromomethane	ND		0.65	ug/L
Chloroethane	ND		0.92	ug/L
Trichlorofluoromethane	ND		0.92	ug/L
1,1-Dichloroethene	1.4	F	0.66	ug/L
Carbon disulfide	ND		2.6	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	100		1.2	ug/L
Acetone	ND		2.0	ug/L
Methylene chloride	ND		0.57	ug/L
trans-1,2-Dichloroethene	ND		0.66	ug/L
Methyl t-butyl ether	ND		3.0	ug/L
1,1-Dichloroethane	ND		0.67	ug/L
Vinyl acetate	ND		2.9	ug/L
cis-1,2-Dichloroethene	ND		0.66	ug/L
2-Butanone	ND		2.4	ug/L
Chloroform	ND		0.81	ug/L
1,1,1-Trichloroethane	ND		0.92	ug/L
Carbon tetrachloride	ND		1.1	ug/L
Benzene	ND		0.53	ug/L
1,2-Dichloroethane	ND		0.67	ug/L
Trichloroethene	65		0.92	ug/L
1,2-Dichloropropane	ND		0.77	ug/L
Bromodichloromethane	ND		1.1	ug/L
cis-1,3-Dichloropropene	ND		0.76	ug/L
4-Methyl-2-pentanone	ND		3.4	ug/L
Toluene	ND		1.6	ug/L
trans-1,3-Dichloropropene	ND		0.76	ug/L
1,1,2-Trichloroethane	ND		0.92	ug/L
Tetrachloroethene	ND		1.2	ug/L
2-Hexanone	ND		10	ug/L
Dibromochloromethane	ND		1.4	ug/L
1,2-Dibromoethane (EDB)	ND		1.2	ug/L
Chlorobenzene	ND		0.77	ug/L
Ethylbenzene	ND		0.72	ug/L
Xylenes (total)	ND		0.72	ug/L
Styrene	ND		0.71	ug/L
Bromoform	ND		1.7	ug/L
1,1,2,2-Tetrachloroethane	ND		1.2	ug/L
Benzyl chloride	ND		4.3	ug/L
4-Ethyltoluene	ND		0.82	ug/L

F = Reported value estimated due to an interference.
ND = Not Detected

Volatile Organics by GCMS - EPA TO14 (cont.)

Client Name:	IT Group		
Client ID:	18708-730		
LAB ID:	136035-0006-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 83	

Parameter	Result	Qualifier	RL	Units
1,3,5-Trimethylbenzene	ND		0.82	ug/L
1,2,4-Trimethylbenzene	ND		0.82	ug/L
1,3-Dichlorobenzene	ND		1.0	ug/L
1,4-Dichlorobenzene	ND		1.0	ug/L
1,2-Dichlorobenzene	ND		1.0	ug/L
1,2,4-Trichlorobenzene	ND		12	ug/L
Hexachlorobutadiene	ND		3.5	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name:	IT Group		
Client ID:	18708-731		
LAB ID:	136035-0007-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 1.0	

Parameter	Result	Qualifier	RL	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
Methyl t-butyl ether	ND		0.036	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	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	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
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		0.0099	ug/L
1,3,5-Trimethylbenzene	ND		0.0098	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 (cont.)

Client Name:	IT Group		
Client ID:	18708-731		
LAB ID:	136035-0007-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 1.0	

Parameter	Result	Qualifier	RL	Units
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		0.042	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name: IT Group
Client ID: 18708-732
LAB ID: 136035-0008-SA
Matrix: AIR — Sampled: 27 JAN 99 — Received: 28 JAN 99
Authorized: 28 JAN 99 — Prepared: N/A — Analyzed: 28 JAN 99
Instrument: GC/MS-A — Dilution: 1.0

Parameter	Result	Qualifier	RL	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	0.019		0.0079	ug/L
Carbon disulfide	ND		0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	0.24		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
Methyl t-butyl ether	ND		0.036	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	ND		0.029	ug/L
Chloroform	0.027		0.0097	ug/L
1,1,1-Trichloroethane	ND		0.011	ug/L
Carbon tetrachloride	0.013		0.013	ug/L
Benzene	ND		0.0064	ug/L
1,2-Dichloroethane	ND		0.0081	ug/L
Trichloroethene	0.75		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	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	0.092		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
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		0.0099	ug/L
1,3,5-Trimethylbenzene	ND		0.0098	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 (cont.)

Client Name:	IT Group		
Client ID:	18708-732		
LAB ID:	136035-0008-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 1.0	

Parameter	Result	Qualifier	RL	Units
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		0.042	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name:	IT Group		
Client ID:	18708-733		
LAB ID:	136035-0009-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 1.7	

Parameter	Result	Qualifier	RL	Units
Dichlorodifluoromethane	ND		0.017	ug/L
Chloromethane	ND		0.014	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.023	ug/L
Vinyl chloride	ND		0.0085	ug/L
Bromomethane	ND		0.013	ug/L
Chloroethane	ND		0.018	ug/L
Trichlorofluoromethane	ND		0.018	ug/L
1,1-Dichloroethene	ND		0.013	ug/L
Carbon disulfide	ND		0.052	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	0.36		0.025	ug/L
Acetone	ND		0.040	ug/L
Methylene chloride	ND		0.012	ug/L
trans-1,2-Dichloroethene	ND		0.013	ug/L
Methyl t-butyl ether	ND		0.060	ug/L
1,1-Dichloroethane	ND		0.014	ug/L
Vinyl acetate	ND		0.058	ug/L
cis-1,2-Dichloroethene	ND		0.013	ug/L
2-Butanone	ND		0.048	ug/L
Chloroform	ND		0.016	ug/L
1,1,1-Trichloroethane	ND		0.018	ug/L
Carbon tetrachloride	ND		0.022	ug/L
Benzene	ND		0.011	ug/L
1,2-Dichloroethane	0.014		0.014	ug/L
Trichloroethene	1.2		0.018	ug/L
1,2-Dichloropropane	ND		0.015	ug/L
Bromodichloromethane	ND		0.022	ug/L
cis-1,3-Dichloropropene	ND		0.015	ug/L
4-Methyl-2-pentanone	ND		0.068	ug/L
Toluene	ND		0.032	ug/L
trans-1,3-Dichloropropene	ND		0.015	ug/L
1,1,2-Trichloroethane	ND		0.018	ug/L
Tetrachloroethene	ND		0.023	ug/L
2-Hexanone	ND		0.20	ug/L
Dibromochloromethane	ND		0.028	ug/L
1,2-Dibromoethane (EDB)	ND		0.025	ug/L
Chlorobenzene	ND		0.015	ug/L
Ethylbenzene	ND		0.015	ug/L
Xylenes (total)	ND		0.015	ug/L
Styrene	ND		0.014	ug/L
Bromoform	ND		0.035	ug/L
1,1,2,2-Tetrachloroethane	ND		0.023	ug/L
Benzyl chloride	ND		0.087	ug/L
4-Ethyltoluene	ND		0.017	ug/L
1,3,5-Trimethylbenzene	ND		0.016	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 (cont.)

Client Name:	IT Group		
Client ID:	18708-733		
LAB ID:	136035-0009-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 1.7	

Parameter	Result	Qualifier	RL	Units
1,2,4-Trimethylbenzene	ND		0.016	ug/L
1,3-Dichlorobenzene	ND		0.020	ug/L
1,4-Dichlorobenzene	ND		0.020	ug/L
1,2-Dichlorobenzene	ND		0.020	ug/L
1,2,4-Trichlorobenzene	ND		0.25	ug/L
Hexachlorobutadiene	ND		0.070	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14

Client Name:	IT Group		
Client ID:	18708-734		
LAB ID:	136035-0010-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 50	

Parameter	Result	Qualifier	RL	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	64		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
Methyl t-butyl ether	ND		1.8	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	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	41		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	ND		2.0	ug/L
Toluene	ND		0.95	ug/L
trans-1,3-Dichloropropene	ND		0.46	ug/L
1,1,2-Trichloroethane	ND		0.55	ug/L
Tetrachloroethene	ND		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
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		0.50	ug/L
1,3,5-Trimethylbenzene	ND		0.49	ug/L

ND = Not Detected

Volatile Organics by GCMS - EPA TO14 (cont.)

Client Name:	IT Group		
Client ID:	18708-734		
LAB ID:	136035-0010-SA		
Matrix:	AIR	Sampled: 27 JAN 99	Received: 28 JAN 99
Authorized:	28 JAN 99	Prepared: N/A	Analyzed: 28 JAN 99
Instrument:	GC/MS-A	Dilution: 50	

Parameter	Result	Qualifier	RL	Units
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		2.1	ug/L

ND = Not Detected