United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street Building 201

Richmond, CA 94804

SFUND RECORDS CTR
2025226

Subject: **Analytical Testing Results - Project R04S33**
SDG: 04021B

From: **Brenda Bettencourt, Director**
EPA Region 9 Laboratory
PMD-2

To: **Chris Lichens**
Site Cleanup Section 4
SFD-7-4

Attached are the results from the analysis of samples from the**Omega Chemical Jan 2004 Split Sampling** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Vance Fong at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this report:

Solids, Dry Weight	*VOCs*
VOCs	

United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
OC-OU1-1	0401063-01	Solid	01/20/04 09:26	01/21/04 09:33
OC-OU1-2	0401075-01	Solid	01/21/04 07:45	01/23/04 10:47
OC-OU1-3	0401075-02	Solid	01/21/04 11:37	01/23/04 10:47
OC-OU1-4	0401075-03	Water	01/21/04 08:45	01/23/04 10:47
OC-OU1-5	0401075-04	Solid	01/21/04 17:22	01/23/04 10:47

VOC: Soil samples were received outside of the 48-hour sample preservation holding time. Data was qualified accordingly.

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75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 524.2
EPA Region 9 Laboratory

0401075-03 : OC-OU1-4 Water Sampled: 01/21/04 08:45 Received: 01/23/04 10:47

Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Dichlorodifluoromethane	ND	U	1.0	ug/L	B4A0187	01/23/04	01/23/04	524.2/SOP354
Chloromethane	ND	U	1.0	"	"	"	"	524.2/SOP354
Vinyl chloride	ND	U	0.5	"	"	"	"	524.2/SOP354
Bromomethane	ND	U	1.0	"	"	"	"	524.2/SOP354
Chloroethane	ND	U	1.0	"	"	"	"	524.2/SOP354
Trichlorofluoromethane	ND	U	1.0	"	"	"	"	524.2/SOP354
1,1-Dichloroethene	ND	U	1.0	"	"	"	"	524.2/SOP354
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	1.0	"	"	"	"	524.2/SOP354
Acetone	ND	C3, J, U	4.0	"	"	"	"	524.2/SOP354
Dichloromethane	ND	U	1.0	"	"	"	"	524.2/SOP354
trans-1,2-Dichloroethene	ND	U	1.0	"	"	"	"	524.2/SOP354
tert-Butyl methyl ether (MTBE)	ND	U	1.0	"	"	"	"	524.2/SOP354
1,1-Dichloroethane	ND	U	1.0	"	"	"	"	524.2/SOP354
2,2-Dichloropropane	ND	U	1.0	"	"	"	"	524.2/SOP354
cis-1,2-Dichloroethene	ND	U	1.0	"	"	"	"	524.2/SOP354
2-Butanone (MEK)	ND	U	4.0	"	"	"	"	524.2/SOP354
Bromochloromethane	ND	U	1.0	"	"	"	"	524.2/SOP354
Chloroform	ND	U	1.0	"	"	"	"	524.2/SOP354
1,1,1-Trichloroethane	ND	U	1.0	"	"	"	"	524.2/SOP354
1,1-Dichloropropene	ND	U	1.0	"	"	"	"	524.2/SOP354
Benzene	ND	U	1.0	"	"	"	"	524.2/SOP354
1,2-Dichloroethane	ND	U	0.5	"	"	"	"	524.2/SOP354
Carbon tetrachloride	ND	U	0.5	"	"	"	"	524.2/SOP354
Trichloroethene	ND	U	1.0	"	"	"	"	524.2/SOP354
1,2-Dichloropropane	ND	U	1.0	"	"	"	"	524.2/SOP354
Dibromomethane	ND	U	1.0	"	"	"	"	524.2/SOP354
Bromodichloromethane	ND	U	1.0	"	"	"	"	524.2/SOP354
cis-1,3-Dichloropropene	ND	U	0.5	"	"	"	"	524.2/SOP354
trans-1,3-Dichloropropene	ND	U	0.5	"	"	"	"	524.2/SOP354
1,1,2-Trichloroethane	ND	U	1.0	"	"	"	"	524.2/SOP354
Toluene	ND	U	1.0	"	"	"	"	524.2/SOP354
Tetrachloroethene	ND	U	1.0	"	"	"	"	524.2/SOP354
1,3-Dichloropropane	ND	U	1.0	"	"	"	"	524.2/SOP354
Chlorodibromomethane	ND	U	1.0	"	"	"	"	524.2/SOP354
1,2-Dibromoethane (EDB)	ND	U	1.0	"	"	"	"	524.2/SOP354
Chlorobenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
1,1,1,2-Tetrachloroethane	ND	U	1.0	"	"	"	"	524.2/SOP354
Ethylbenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
m&p-Xylene	ND	U	1.0	"	"	"	"	524.2/SOP354
o-Xylene	ND	U	1.0	"	"	"	"	524.2/SOP354
Styrene	ND	U	1.0	"	"	"	"	524.2/SOP354
Bromoform	ND	U	1.0	"	"	"	"	524.2/SOP354
Isopropylbenzene	ND	U	1.0	"	"	"	"	524.2/SOP354

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

0401075-03 : OC-OU1-4 Water Sampled: 01/21/04 08:45 Received: 01/23/04 10:47

Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Bromobenzene	ND	U	1.0	ug/L	B4A0187	01/23/04	01/23/04	524.2/SOP354
1,1,2,2-Tetrachloroethane	ND	U	1.0	"	"	"	"	524.2/SOP354
1,2,3-Trichloropropane	ND	U	1.0	"	"	"	"	524.2/SOP354
Propylbenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
2-Chlorotoluene	ND	U	1.0	"	"	"	"	524.2/SOP354
4-Chlorotoluene	ND	U	1.0	"	"	"	"	524.2/SOP354
1,3,5-Trimethylbenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
tert-Butylbenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
1,2,4-Trimethylbenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
sec-Butylbenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
1,3-Dichlorobenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
1,4-Dichlorobenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
p-Isopropyltoluene	ND	U	1.0	"	"	"	"	524.2/SOP354
1,2-Dichlorobenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
Butylbenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
1,2-Dibromo-3-chloropropane	ND	C3, U, J	2.0	"	"	"	"	524.2/SOP354
1,2,4-Trichlorobenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
Hexachlorobutadiene	ND	U	1.0	"	"	"	"	524.2/SOP354
Naphthalene	ND	C3, J, U	1.0	"	"	"	"	524.2/SOP354
1,2,3-Trichlorobenzene	ND	U	1.0	"	"	"	"	524.2/SOP354
Surrogate: 1,2-Dichloroethane-d4	*4.90*		*98 %*	*70-130*	"	"	"	
Surrogate: Toluene-d8	*5 27*		*105 %*	*70-130*	"	"	"	
Surrogate: 4-Bromofluorobenzene	*4.41*		*88 %*	*70-130*	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4	*4.92*		*98 %*	*70-130*	"	"	"	

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

0401063-01 : OC-OU1-1 *Solid* Sampled: 01/20/04 09:26 Received: 01/21/04 09:33

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Dichlorodifluoromethane	ND	U	2.4	ug/kg dry	B4A0161	01/21/04	01/21/04	8260B/SOP305
Chloromethane	ND	U	2.4	"	"	"	"	8260B/SOP305
Vinyl chloride	ND	U	2.4	"	"	"	"	8260B/SOP305
Bromomethane	ND	U	2.4	"	"	"	"	8260B/SOP305
Chloroethane	ND	U	2.4	"	"	"	"	8260B/SOP305
Trichlorofluoromethane	3.6	Q6, J, Q4	2.4	"	"	"	"	8260B/SOP305
1,1-Dichloroethene	100	J, Q10	2.4	"	"	"	"	8260B/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.9	Q6, Q4, J	2.4	"	"	"	"	8260B/SOP305
Acetone	ND	U	12	"	"	"	"	8260B/SOP305
Carbon disulfide	ND	U	2.4	"	"	"	"	8260B/SOP305
Dichloromethane	6.5	Q6, Q4, J	2.4	"	"	"	"	8260B/SOP305
trans-1,2-Dichloroethene	2.2	C1, Q4, J	2.4	"	"	"	"	8260B/SOP305
tert-Butyl methyl ether (MTBE)	ND	U	2.4	"	"	"	"	8260B/SOP305
1,1-Dichloroethane	18	Q6, J, Q4	2.4	"	"	"	"	8260B/SOP305
Ethyl tert-butyl ether	ND	U	2.4	"	"	"	"	8260B/SOP305
cis-1,2-Dichloroethene	36	Q6, Q4, J	2.4	"	"	"	"	8260B/SOP305
2-Butanone (MEK)	ND	U	12	"	"	"	"	8260B/SOP305
Chloroform	600	C2, J	2.4	"	"	"	"	8260B/SOP305
1,1,1-Trichloroethane	12	Q6, Q4, J	2.4	"	"	"	"	8260B/SOP305
tert-Amyl methyl ether	ND	U	2.4	"	"	"	"	8260B/SOP305
1,1-Dichloropropene	ND	Q6, J, U	2.4	"	"	"	"	8260B/SOP305
Benzene	1.6	C1, J	2.4	"	"	"	"	8260B/SOP305
1,2-Dichloroethane	4.6		2.4	"	"	"	"	8260B/SOP305
Carbon tetrachloride	ND	U	2.4	"	"	"	"	8260B/SOP305
Trichloroethene	210	C2, J	2.4	"	"	"	"	8260B/SOP305
1,2-Dichloropropane	ND	U	2.4	"	"	"	"	8260B/SOP305
Bromodichloromethane	ND	U	2.4	"	"	"	"	8260B/SOP305
cis-1,3-Dichloropropene	ND	U	2.4	"	"	"	"	8260B/SOP305
trans-1,3-Dichloropropene	ND	U	2.4	"	"	"	"	8260B/SOP305
1,1,2-Trichloroethane	ND	U	2.4	"	"	"	"	8260B/SOP305
4-Methyl-2-pentanone (MIBK)	ND	U	12	"	"	"	"	8260B/SOP305
Toluene	5.9	Q6, Q4, J	2.4	"	"	"	"	8260B/SOP305
1,3-Dichloropropane	ND	U	2.4	"	"	"	"	8260B/SOP305
2-Hexanone	ND	U	12	"	"	"	"	8260B/SOP305
Chlorodibromomethane	ND	U	2.4	"	"	"	"	8260B/SOP305
1,2-Dibromoethane (EDB)	ND	U	2.4	"	"	"	"	8260B/SOP305
Chlorobenzene	ND	U	2.4	"	"	"	"	8260B/SOP305
Ethylbenzene	ND	U	2.4	"	"	"	"	8260B/SOP305
m&p-Xylene	ND	Q4, J, U	2.4	"	"	"	"	8260B/SOP305
o-Xylene	ND	U	2.4	"	"	"	"	8260B/SOP305
Styrene	ND	U	2.4	"	"	"	"	8260B/SOP305
Bromoform	ND	U	2.4	"	"	"	"	8260B/SOP305
1,1,2,2-Tetrachloroethane	ND	U	2.4	"	"	"	"	8260B/SOP305
1,2,3-Trichloropropane	ND	U	2.4	"	"	"	"	8260B/SOP305
1,3-Dichlorobenzene	ND	Q4, J, U	2.4	"	"	"	"	8260B/SOP305

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75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
0401063-01 : OC-OU1-1 Solid Sampled: 01/20/04 09:26 Received: 01/21/04 09:33								
Volatile Organic Compounds by EPA Method 8260B								
1,4-Dichlorobenzene	ND	Q4, J, U	2.4	ug/kg dry	B4A0161	01/21/04	01/21/04	8260B/SOP305
1,2-Dichlorobenzene	ND	U	2.4	"	"	"	"	8260B/SOP305
1,2-Dibromo-3-chloropropane	ND	J, Q3, U	12	"	"	"	"	8260B/SOP305
Surrogate: 1,2-Dichloroethane-d4	*25.1*		*104 %*		*80-120*	"	"	"
Surrogate: Toluene-d8	*23.8*		*98 %*		*81-117*	"	"	"
Surrogate: 4-Bromofluorobenzene	*21.7*		*90 %*		*74-121*	"	"	"
Surrogate: 1,2-Dichlorobenzene-d4	*22.4*		*93 %*		*70-130*	"	"	"
0401063-01RE1 : OC-OU1-1 Solid Sampled: 01/20/04 09:26 Received: 01/21/04 09:33								
Volatile Organic Compounds by EPA Method 8260B								
Tetrachloroethene	3500	A3, J	280	ug/kg dry	B4A0188	01/23/04	01/23/04	8260B/SOP305
Surrogate: 1,2-Dichloroethane-d4	*3020*		*107 %*		*80-120*	"	"	"
Surrogate: Toluene-d8	*2900*		*102 %*		*81-117*	"	"	"
Surrogate: 4-Bromofluorobenzene	*2500*		*88 %*		*74-121*	"	"	"
Surrogate: 1,2-Dichlorobenzene-d4	*2410*		*85 %*		*70-130*	"	"	"
0401075-01 : OC-OU1-2 Solid Sampled: 01/21/04 07:45 Received: 01/23/04 10:47								
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	J, U, A3	2.6	ug/kg dry	B4A0190	01/23/04	01/23/04	8260B/SOP305
Chloromethane	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
Vinyl chloride	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
Bromomethane	ND	C4, J, U, A3	2.6	"	"	"	"	8260B/SOP305
Chloroethane	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
Trichlorofluoromethane	3.1	J, A3	2.6	"	"	"	"	8260B/SOP305
1,1-Dichloroethene	130	J, C2, A3, Q10	2.6	"	"	"	"	8260B/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	Q6, J, U, A3	2.6	"	"	"	"	8260B/SOP305
Acetone	ND	J, U, A3	13	"	"	"	"	8260B/SOP305
Carbon disulfide	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
Dichloromethane	13	Q6, J, A3, Q4	2.6	"	"	"	"	8260B/SOP305
trans-1,2-Dichloroethene	3.0	J, A3	2.6	"	"	"	"	8260B/SOP305
tert-Butyl methyl ether (MTBE)	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
1,1-Dichloroethane	30	Q4, Q6, J, A3	2.6	"	"	"	"	8260B/SOP305
Ethyl tert-butyl ether	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
cis-1,2-Dichloroethene	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
2-Butanone (MEK)	ND	J, U, A3	13	"	"	"	"	8260B/SOP305
Chloroform	77	Q4, Q6, J, A3	2.6	"	"	"	"	8260B/SOP305
1,1,1-Trichloroethane	260	J, C2, A3, Q10	2.6	"	"	"	"	8260B/SOP305
tert-Amyl methyl ether	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
1,1-Dichloropropene	ND	Q4, J, U, A3	2.6	"	"	"	"	8260B/SOP305
Benzene	4.7	J, A3	2.6	"	"	"	"	8260B/SOP305
1,2-Dichloroethane	48	Q6, J, A3, Q4	2.6	"	"	"	"	8260B/SOP305
Carbon tetrachloride	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
Trichloroethene	310	C2, J, A3, Q10	2.6	"	"	"	"	8260B/SOP305
1,2-Dichloropropane	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

0401075-01 : OC-OU1-2 Solid Sampled: 01/21/04 07:45 Received: 01/23/04 10:47

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Bromodichloromethane	ND	J, U, A3	2.6	ug/kg dry	B4A0190	01/23/04	01/23/04	8260B/SOP305
cis-1,3-Dichloropropene	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
trans-1,3-Dichloropropene	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
1,1,2-Trichloroethane	130	J, A3, Q10	2.6	"	"	"	"	8260B/SOP305
4-Methyl-2-pentanone (MIBK)	ND	J, U, A3	13	"	"	"	"	8260B/SOP305
Toluene	1.3	C1, J, A3	2.6	"	"	"	"	8260B/SOP305
1,3-Dichloropropane	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
2-Hexanone	ND	J, U, A3	13	"	"	"	"	8260B/SOP305
Chlorodibromomethane	ND	Q4, J, U, A3	2.6	"	"	"	"	8260B/SOP305
1,2-Dibromoethane (EDB)	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
Chlorobenzene	1.5	C1, J, A3	2.6	"	"	"	"	8260B/SOP305
Ethylbenzene	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
m&p-Xylene	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
o-Xylene	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
Styrene	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
Bromoform	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
1,1,2,2-Tetrachloroethane	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
1,2,3-Trichloropropane	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
1,3-Dichlorobenzene	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
1,4-Dichlorobenzene	ND	J, U, A3	2.6	"	"	"	"	8260B/SOP305
1,2-Dichlorobenzene	2.2	C1, J, A3	2.6	"	"	"	"	8260B/SOP305
1,2-Dibromo-3-chloropropane	ND	Q3, J, U, A3	26	"	"	"	"	8260B/SOP305
Surrogate: 1,2-Dichloroethane-d4	*28.6*		*108 %*		*80-120*	"	"	"
Surrogate: Toluene-d8	*25.5*		*97 %*		*81-117*	"	"	"
Surrogate: 4-Bromofluorobenzene	*23.8*		*90 %*		*74-121*	"	"	"
Surrogate: 1,2-Dichlorobenzene-d4	*25.3*		*96 %*		*70-130*	"	"	"

United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
0401075-01RE1 : OC-OU1-2 Solid Sampled: 01/21/04 07:45 Received: 01/23/04 10:47								
Volatile Organic Compounds by EPA Method 8260B								
Tetrachloroethene	4000	J, A3	260	ug/kg dry	B4A0188	01/23/04	01/23/04	8260B/SOP305
Surrogate: 1,2-Dichloroethane-d4	*2750*		*104 %*		*80-120*	"	"	"
Surrogate: Toluene-d8	*2610*		*99 %*		*81-117*	"	"	"
Surrogate: 4-Bromofluorobenzene	*2250*		*85 %*		*74-121*	"	"	"
Surrogate: 1,2-Dichlorobenzene-d4	*2080*		*79 %*		*70-130*	"	"	"
0401075-02 : OC-OU1-3 Solid Sampled: 01/21/04 11:37 Received: 01/23/04 10:47								
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	J, U, A3	3.2	ug/kg dry	B4A0199	01/26/04	01/26/04	8260B/SOP305
Chloromethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Vinyl chloride	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Bromomethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Chloroethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Trichlorofluoromethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,1-Dichloroethene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	Q2, J, U, A3	3.2	"	"	"	"	8260B/SOP305
Acetone	ND	C3, J, U, A3	16	"	"	"	"	8260B/SOP305
Carbon disulfide	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Dichloromethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
trans-1,2-Dichloroethene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
tert-Butyl methyl ether (MTBE)	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,1-Dichloroethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Ethyl tert-butyl ether	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
cis-1,2-Dichloroethene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
2-Butanone (MEK)	ND	J, U, A3	16	"	"	"	"	8260B/SOP305
Chloroform	2.0	C1, J, A3	3.2	"	"	"	"	8260B/SOP305
1,1,1-Trichloroethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
tert-Amyl methyl ether	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,1-Dichloropropene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Benzene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,2-Dichloroethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Carbon tetrachloride	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Trichloroethene	22	J, A3	3.2	"	"	"	"	8260B/SOP305
1,2-Dichloropropane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Bromodichloromethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
cis-1,3-Dichloropropene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
trans-1,3-Dichloropropene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,1,2-Trichloroethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
4-Methyl-2-pentanone (MIBK)	ND	J, U, A3	16	"	"	"	"	8260B/SOP305
Toluene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,3-Dichloropropane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
2-Hexanone	ND	C3, J, U, A3	16	"	"	"	"	8260B/SOP305
Chlorodibromomethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,2-Dibromoethane (EDB)	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Chlorobenzene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco.CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
0401075-02 : OC-OU1-3 Solid Sampled: 01/21/04 11:37 Received: 01/23/04 10:47								
Volatile Organic Compounds by EPA Method 8260B								
Ethylbenzene	ND	J, U, A3	3.2	ug/kg dry	B4A0199	01/26/04	01/26/04	8260B/SOP305
m&p-Xylene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
o-Xylene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Styrene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
Bromoform	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,1,2,2-Tetrachloroethane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,2,3-Trichloropropane	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,3-Dichlorobenzene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,4-Dichlorobenzene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,2-Dichlorobenzene	ND	J, U, A3	3.2	"	"	"	"	8260B/SOP305
1,2-Dibromo-3-chloropropane	ND	C3, Q3, J, U, A3	32	"	"	"	"	8260B/SOP305
Surrogate: 1,2-Dichloroethane-d4	*34.9*		*108 %*		*80-120*	"	"	"
Surrogate: Toluene-d8	*31.8*		*98 %*		*81-117*	"	"	"
Surrogate: 4-Bromofluorobenzene	*24.3*		*75 %*		*74-121*	"	"	"
Surrogate: 1,2-Dichlorobenzene-d4	*25.0*		*77 %*		*70-130*	"	"	"
0401075-02RE1 : OC-OU1-3 Solid Sampled: 01/21/04 11:37 Received: 01/23/04 10:47								
Volatile Organic Compounds by EPA Method 8260B								
Tetrachloroethene	760	J, A3	260	ug/kg dry	B4A0188	01/23/04	01/23/04	8260B/SOP305
Surrogate: 1,2-Dichloroethane-d4	*2900*		*113 %*		*80-120*	"	"	"
Surrogate: Toluene-d8	*2730*		*107 %*		*81-117*	"	"	"
Surrogate: 4-Bromofluorobenzene	*2230*		*87 %*		*74-121*	"	"	"
Surrogate: 1,2-Dichlorobenzene-d4	*2100*		*82 %*		*70-130*	"	"	"
0401075-04 : OC-OU1-5 Solid Sampled: 01/21/04 17:22 Received: 01/23/04 10:47								
Volatile Organic Compounds by EPA Method 8260B								
Dichlorodifluoromethane	ND	J, U, A3	2.7	ug/kg dry	B4A0190	01/23/04	01/23/04	8260B/SOP305
Chloromethane	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
Vinyl chloride	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
Bromomethane	ND	C4, J, U, A3	2.7	"	"	"	"	8260B/SOP305
Chloroethane	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
Trichlorofluoromethane	26	J, A3	2.7	"	"	"	"	8260B/SOP305
1,1-Dichloroethene	430	C2, J, A3	2.7	"	"	"	"	8260B/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	68	J, A3	2.7	"	"	"	"	8260B/SOP305
Acetone	ND	J, U, A3	14	"	"	"	"	8260B/SOP305
Carbon disulfide	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
Dichloromethane	220	C2, J, A3	2.7	"	"	"	"	8260B/SOP305
trans-1,2-Dichloroethene	5.9	J, A3	2.7	"	"	"	"	8260B/SOP305
tert-Butyl methyl ether (MTBE)	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
1,1-Dichloroethane	24	J, A3	2.7	"	"	"	"	8260B/SOP305
Ethyl tert-butyl ether	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
cis-1,2-Dichloroethene	13	J, A3	2.7	"	"	"	"	8260B/SOP305
2-Butanone (MEK)	ND	J, U, A3	14	"	"	"	"	8260B/SOP305
Chloroform	470	C2, J, A3	2.7	"	"	"	"	8260B/SOP305

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

0401075-04 : OC-OU1-5 Solid Sampled: 01/21/04 17:22 Received: 01/23/04 10:47

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
1,1,1-Trichloroethane	7.7	J, A3	2.7	ug/kg dry	B4A0190	01/23/04	01/23/04	8260B/SOP305
tert-Amyl methyl ether	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
1,1-Dichloropropene	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
Benzene	2.9	J, A3	2.7	"	"	"	"	8260B/SOP305
1,2-Dichloroethane	30	J, A3	2.7	"	"	"	"	8260B/SOP305
Carbon tetrachloride	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
Trichloroethene	560	C2, J, A3	2.7	"	"	"	"	8260B/SOP305
1,2-Dichloropropane	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
Bromodichloromethane	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
cis-1,3-Dichloropropene	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
trans-1,3-Dichloropropene	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
1,1,2-Trichloroethane	10	J, A3	2.7	"	"	"	"	8260B/SOP305
4-Methyl-2-pentanone (MIBK)	ND	J, U, A3	14	"	"	"	"	8260B/SOP305
Toluene	2 8	J, A3	2.7	"	"	"	"	8260B/SOP305
1,3-Dichloropropane	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
2-Hexanone	ND	J, U, A3	14	"	"	"	"	8260B/SOP305
Chlorodibromomethane	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
1,2-Dibromoethane (EDB)	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
Chlorobenzene	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
Ethylbenzene	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
m&p-Xylene	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
o-Xylene	1.6	C1, J, A3	2.7	"	"	"	"	8260B/SOP305
Styrene	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
Bromoform	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
1,1,2,2-Tetrachloroethane	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
1,2,3-Trichloropropane	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
1,3-Dichlorobenzene	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
1,4-Dichlorobenzene	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
1,2-Dichlorobenzene	ND	J, U, A3	2.7	"	"	"	"	8260B/SOP305
1,2-Dibromo-3-chloropropane	ND	Q3, J, U, A3	27	"	"	"	"	8260B/SOP305
Surrogate: 1,2-Dichloroethane-d4	*32.4*		*119 %*		*80-120*	"	"	"
Surrogate: Toluene-d8	*26.1*		*96 %*		*81-117*	"	"	"
Surrogate: 4-Bromofluorobenzene	*22 9*		*84 %*		*74-121*	"	"	"
Surrogate: 1,2-Dichlorobenzene-d4	*23 2*		*85 %*		*70-130*	"	"	"

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
0401075-04RE1 : OC-OU1-5 Solid Sampled: 01/21/04 17:22 Received: 01/23/04 10:47								
Volatile Organic Compounds by EPA Method 8260B								
Tetrachloroethene	6200	J, A3	290	ug/kg dry	B4A0188	01/23/04	01/23/04	8260B/SOP305
Surrogate: 1,2-Dichloroethane-d4	*3270*		*112 %*		*80-120*	"	"	"
Surrogate: Toluene-d8	*3110*		*107 %*		*81-117*	"	"	"
Surrogate: 4-Bromofluorobenzene	*2610*		*89 %*		*74-121*	"	"	"
Surrogate: 1,2-Dichlorobenzene-d4	*2400*		*82 %*		*70-130*	"	"	"

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
0401063-01 : OC-OU1-1 Solid Sampled: 01/20/04 09:26 Received: 01/21/04 09:33								
Conventional Chemistry Parameters by APHA/EPA Methods								
% Solids	85			%	B4A0196	01/26/04	01/27/04	% calculation
0401075-01 : OC-OU1-2 Solid Sampled: 01/21/04 07:45 Received: 01/23/04 10:47								
Conventional Chemistry Parameters by APHA/EPA Methods								
% Solids	82			%	B4A0196	01/26/04	01/27/04	% calculation
0401075-02 : OC-OU1-3 Solid Sampled: 01/21/04 11:37 Received: 01/23/04 10:47								
Conventional Chemistry Parameters by APHA/EPA Methods								
% Solids	87			%	B4A0196	01/26/04	01/27/04	% calculation
0401075-04 : OC-OU1-5 Solid Sampled: 01/21/04 17:22 Received: 01/23/04 10:47								
Conventional Chemistry Parameters by APHA/EPA Methods								
% Solids	79			%	B4A0196	01/26/04	01/27/04	% calculation

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 524.2 - Quality Control
EPA Region 9 Laboratory

Batch B4A0187 - - General VOA - VOCs

Blank (B4A0187-BLK1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	ND	U	1.0	ug/L						
Chloromethane	ND	U	1.0	"						
Vinyl chloride	ND	U	0.5	"						
Bromomethane	ND	U	1.0	"						
Chloroethane	ND	U	1.0	"						
Trichlorofluoromethane	ND	U	1.0	"						
1,1-Dichloroethene	ND	U	1.0	"						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	1.0	"						
Acetone	ND	J, C3, U	4.0	"						
Dichloromethane	ND	U	1.0	"						
trans-1,2-Dichloroethene	ND	U	1.0	"						
tert-Butyl methyl ether (MTBE)	ND	U	1.0	"						
1,1-Dichloroethane	ND	U	1.0	"						
2,2-Dichloropropane	ND	U	1.0	"						
cis-1,2-Dichloroethene	ND	U	1.0	"						
2-Butanone (MEK)	ND	U	4.0	"						
Bromochloromethane	ND	U	1.0	"						
Chloroform	ND	U	1.0	"						
1,1,1-Trichloroethane	ND	U	1.0	"						
1,1-Dichloropropene	ND	U	1.0	"						
Benzene	ND	U	1.0	"						
1,2-Dichloroethane	ND	U	0.5	"						
Carbon tetrachloride	ND	U	0.5	"						
Trichloroethene	ND	U	1.0	"						
1,2-Dichloropropane	ND	U	1.0	"						
Dibromomethane	ND	U	1.0	"						
Bromodichloromethane	ND	U	1.0	"						
cis-1,3-Dichloropropene	ND	U	0.5	"						
trans-1,3-Dichloropropene	ND	U	0.5	"						
1,1,2-Trichloroethane	ND	U	1.0	"						
Toluene	ND	U	1.0	"						
Tetrachloroethene	ND	U	1.0	"						
1,3-Dichloropropane	ND	U	1.0	"						
Chlorodibromomethane	ND	U	1.0	"						
1,2-Dibromoethane (EDB)	ND	U	1.0	"						

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 524.2 - Quality Control
EPA Region 9 Laboratory

Batch B4A0187 - - General VOA - VOCs

Blank (B4A0187-BLK1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Chlorobenzene	ND	U	1.0	"						
1,1,1,2-Tetrachloroethane	ND	U	1.0	"						
Ethylbenzene	ND	U	1.0	"						
m&p-Xylene	ND	U	1.0	"						
o-Xylene	ND	U	1.0	"						
Styrene	ND	U	1.0	"						
Bromoform	ND	U	1.0	"						
Isopropylbenzene	ND	U	1.0	"						
Bromobenzene	ND	U	1.0	"						
1,1,2,2-Tetrachloroethane	ND	U	1.0	"						
1,2,3-Trichloropropane	ND	U	1.0	"						
Propylbenzene	ND	U	1.0	"						
2-Chlorotoluene	ND	U	1.0	"						
4-Chlorotoluene	ND	U	1.0	"						
1,3,5-Trimethylbenzene	ND	U	1.0	"						
tert-Butylbenzene	ND	U	1.0	"						
1,2,4-Trimethylbenzene	ND	U	1.0	"						
sec-Butylbenzene	ND	U	1.0	"						
1,3-Dichlorobenzene	ND	U	1.0	"						
1,4-Dichlorobenzene	ND	U	1.0	"						
p-Isopropyltoluene	ND	U	1.0	"						
1,2-Dichlorobenzene	ND	U	1.0	"						
Butylbenzene	ND	U	1.0	"						
1,2-Dibromo-3-chloropropane	ND	J, C3, U	2.0	"						
1,2,4-Trichlorobenzene	ND	U	1.0	"						
Hexachlorobutadiene	ND	U	1.0	"						
Naphthalene	ND	J, C3, U	1.0	"						
1,2,3-Trichlorobenzene	ND	U	1.0	"						
Surrogate: 1,2-Dichloroethane-d4	*5.16*			"	*5.00*		*103*	*70-130*		
Surrogate: Toluene-d8	*5.14*			"	*5.00*		*103*	*70-130*		
Surrogate: 4-Bromofluorobenzene	*4.44*			"	*5.00*		*89*	*70-130*		
Surrogate: 1,2-Dichlorobenzene-d4	*4.67*			"	*5.00*		*93*	*70-130*		

United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 524.2 - Quality Control
EPA Region 9 Laboratory

Batch B4A0187 - - General VOA - VOCs

LCS (B4A0187-BS1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	6.1		1.0	ug/L	5.00		122	60-140		
Chloromethane	5.7		1.0	"	5.00		114	60-140		
Vinyl chloride	5.6		0.5	"	5.00		112	70-130		
Bromomethane	5.1		1.0	"	5.00		102	60-140		
Chloroethane	5.7		1.0	"	5.00		114	60-140		
Trichlorofluoromethane	5.6		1.0	"	5.00		112	60-140		
1,1-Dichloroethene	5.1		1.0	"	5.00		102	70-130		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.1		1.0	"	5.00		102	60-140		
Acetone	15	J, C3	4.0	"	20.0		75	60-140		
Dichloromethane	4.6		1.0	"	5.00		92	70-130		
trans-1,2-Dichloroethene	5.3		1.0	"	5.00		106	70-130		
tert-Butyl methyl ether (MTBE)	5.4		1.0	"	5 00		108	60-140		
1,1-Dichloroethane	5.2		1.0	"	5.00		104	60-140		
2,2-Dichloropropane	5.4		1.0	"	5.00		108	60-140		
cis-1,2-Dichloroethene	5.5		1.0	"	5.00		110	70-130		
2-Butanone (MEK)	19		4.0	"	20.0		95	60-140		
Bromochloromethane	5.4		1.0	"	5.00		108	60-140		
Chloroform	5.2		1.0	"	5.00		104	70-130		
1,1,1-Trichloroethane	5.6		1.0	"	5.00		112	70-130		
1,1-Dichloropropene	5.7		1.0	"	5.00		114	60-140		
Benzene	5.4		1.0	"	5.00		108	70-130		
1,2-Dichloroethane	5.4		0.5	"	5.00		108	70-130		
Carbon tetrachloride	5.7		0.5	"	5.00		114	70-130		
Trichloroethene	5.4		1.0	"	5.00		108	70-130		
1,2-Dichloropropane	5.6		1.0	"	5.00		112	70-130		
Dibromomethane	5.5		1.0	"	5.00		110	60-140		
Bromodichloromethane	5.6		1.0	"	5.00		112	70-130		
cis-1,3-Dichloropropene	5.8		0.5	"	5.00		116	60-140		
trans-1,3-Dichloropropene	6.4		0.5	"	5.00		128	60-140		
1,1,2-Trichloroethane	5.6		1.0	"	5.00		112	70-130		
Toluene	5.3		1.0	"	5.00		106	70-130		
Tetrachloroethene	5.5		1.0	"	5.00		110	70-130		
1,3-Dichloropropane	5.3		1.0	"	5.00		106	60-140		
Chlorodibromomethane	5.6		1.0	"	5.00		112	70-130		
1,2-Dibromoethane (EDB)	5.5		1.0	"	5.00		110	60-140		
Chlorobenzene	5.2		1.0	"	5.00		104	70-130		

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 524.2 - Quality Control
EPA Region 9 Laboratory

Batch B4A0187 - - General VOA - VOCs

LCS (B4A0187-BS1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	5.7		1.0	"	5.00		114	60-140		
Ethylbenzene	5.4		1.0	"	5.00		108	70-130		
m&p-Xylene	11		1.0	"	10.0		110	70-130		
o-Xylene	5.7		1.0	"	5.00		114	70-130		
Styrene	5.4		1.0	"	5.00		108	70-130		
Bromoform	5.7		1.0	"	5.00		114	70-130		
Isopropylbenzene	5.7		1.0	"	5.00		114	60-140		
Bromobenzene	5.3		1.0	"	5.00		106	60-140		
1,1,2,2-Tetrachloroethane	5.4		1.0	"	5.00		108	60-140		
1,2,3-Trichloropropane	6.0		1.0	"	5.00		120	60-140		
Propylbenzene	5.5		1.0	"	5.00		110	60-140		
2-Chlorotoluene	5.5		1.0	"	5.00		110	60-140		
4-Chlorotoluene	5.5		1.0	"	5.00		110	60-140		
1,3,5-Trimethylbenzene	5.5		1.0	"	5.00		110	60-140		
tert-Butylbenzene	5.6		1.0	"	5.00		112	60-140		
1,2,4-Trimethylbenzene	5.5		1.0	"	5.00		110	60-140		
sec-Butylbenzene	5.5		1.0	"	5.00		110	60-140		
1,3-Dichlorobenzene	5.2		1.0	"	5.00		104	60-140		
1,4-Dichlorobenzene	5.2		1.0	"	5.00		104	70-130		
p-Isopropyltoluene	5.8		1.0	"	5.00		116	60-140		
1,2-Dichlorobenzene	5.4		1.0	"	5.00		108	70-130		
Butylbenzene	5.7		1.0	"	5.00		114	60-140		
1,2-Dibromo-3-chloropropane	5.8	J, C3	2.0	"	5.00		116	60-140		
1,2,4-Trichlorobenzene	5.6		1.0	"	5.00		112	70-130		
Hexachlorobutadiene	5.4		1.0	"	5.00		108	60-140		
Naphthalene	6.2	J, C3	1.0	"	5.00		124	60-140		
1,2,3-Trichlorobenzene	5.7	J, Q3	1.0	"	5.00		114	60-140		
Surrogate: 1,2-Dichloroethane-d4	*4.96*			"	*5.00*		*99*	*70-130*		
Surrogate: Toluene-d8	*4.95*			"	*5.00*		*99*	*70-130*		
Surrogate: 4-Bromofluorobenzene	*4.86*			"	*5.00*		*97*	*70-130*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.06*			"	*5.00*		*101*	*70-130*		

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 524.2 - Quality Control
EPA Region 9 Laboratory

Batch B4A0187 - - General VOA - VOCs

Matrix Spike (B4A0187-MS2) Source: 0401075-03 Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,1-Dichloroethene	4.4		1.0	ug/L	5.00	ND	88	70-130		
Benzene	5.0		1.0	"	5.00	ND	100	70-130		
Trichloroethene	4.9		1.0	"	5.00	ND	98	70-130		
Toluene	4.9		1.0	"	5.00	ND	98	70-130		
Chlorobenzene	4.8		1.0	"	5.00	ND	96	70-130		
Surrogate: 1,2-Dichloroethane-d4	*5.30*			"	*5.00*		*106*	*70-130*		
Surrogate: Toluene-d8	*4.92*			"	*5.00*		*98*	*70-130*		
Surrogate: 4-Bromofluorobenzene	*4.96*			"	*5.00*		*99*	*70-130*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.18*			"	*5.00*		*104*	*70-130*		

Matrix Spike Dup (B4A0187-MSD2) Source: 0401075-03 Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,1-Dichloroethene	4.4		1.0	ug/L	5.00	ND	88	70-130	0	20
Benzene	4.8		1.0	"	5.00	ND	96	70-130	4	20
Trichloroethene	4.7		1.0	"	5.00	ND	94	70-130	4	20
Toluene	4.7		1.0	"	5.00	ND	94	70-130	4	20
Chlorobenzene	4.7		1.0	"	5.00	ND	94	70-130	2	20
Surrogate: 1,2-Dichloroethane-d4	*5.17*			"	*5.00*		*103*	*70-130*		
Surrogate: Toluene-d8	*4.88*			"	*5.00*		*98*	*70-130*		
Surrogate: 4-Bromofluorobenzene	*4.92*			"	*5.00*		*98*	*70-130*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.12*			"	*5.00*		*102*	*70-130*		

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0161 - - General VOA - VOCs

Blank (B4A0161-BLK1) Prepared & Analyzed: 01/21/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	ND	U	2.5	ug/kg wet						
Chloromethane	ND	U	2.5	"						
Vinyl chloride	ND	U	2.5	"						
Bromomethane	ND	U	2.5	"						
Chloroethane	ND	U	2.5	"						
Trichlorofluoromethane	ND	U	2.5	"						
1,1-Dichloroethene	ND	U	2.5	"						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	2.5	"						
Acetone	ND	U	12	"						
Carbon disulfide	ND	U	2.5	"						
Dichloromethane	ND	U	2.5	"						
trans-1,2-Dichloroethene	ND	U	2.5	"						
tert-Butyl methyl ether (MTBE)	ND	U	2.5	"						
1,1-Dichloroethane	ND	U	2.5	"						
Ethyl tert-butyl ether	ND	U	2.5	"						
cis-1,2-Dichloroethene	ND	U	2.5	"						
2-Butanone (MEK)	ND	U	12	"						
Chloroform	ND	U	2.5	"						
1,1,1-Trichloroethane	ND	U	2.5	"						
tert-Amyl methyl ether	ND	U	2.5	"						
1,1-Dichloropropene	ND	U	2.5	"						
Benzene	ND	U	2.5	"						
1,2-Dichloroethane	ND	U	2.5	"						
Carbon tetrachloride	ND	U	2.5	"						
Trichloroethene	ND	U	2.5	"						
1,2-Dichloropropane	ND	U	2.5	"						
Bromodichloromethane	ND	U	2.5	"						
cis-1,3-Dichloropropene	ND	U	2.5	"						
trans-1,3-Dichloropropene	ND	U	2.5	"						
1,1,2-Trichloroethane	ND	U	2.5	"						
4-Methyl-2-pentanone (MIBK)	ND	U	12	"						
Toluene	ND	U	2.5	"						
Tetrachloroethene	ND	U	2.5	"						
1,3-Dichloropropane	ND	U	2.5	"						
2-Hexanone	ND	U	12	"						
Chlorodibromomethane	ND	U	2.5	"						

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75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0161 - - General VOA - VOCs

Blank (B4A0161-BLK1) Prepared & Analyzed: 01/21/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND	U	2.5	"						
Chlorobenzene	ND	U	2.5	"						
Ethylbenzene	ND	U	2.5	"						
m&p-Xylene	ND	U	2.5	"						
o-Xylene	ND	U	2.5	"						
Styrene	ND	U	2.5	"						
Bromoform	ND	U	2.5	"						
1,1,2,2-Tetrachloroethane	ND	U	2.5	"						
1,2,3-Trichloropropane	ND	U	2.5	"						
1,3-Dichlorobenzene	ND	U	2.5	"						
1,4-Dichlorobenzene	ND	U	2.5	"						
1,2-Dichlorobenzene	ND	U	2.5	"						
1,2-Dibromo-3-chloropropane	ND	U	12	"						
Surrogate: 1,2-Dichloroethane-d4	*28.9*			"	*25.0*		*116*	*80-120*		
Surrogate: Toluene-d8	*23.9*			"	*25.0*		*96*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*21.2*			"	*25.0*		*85*	*74-121*		
Surrogate: 1,2-Dichlorobenzene-d4	*23.1*			"	*25.0*		*92*	*70-130*		

LCS (B4A0161-BS1) Prepared & Analyzed: 01/21/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	26		2.5	ug/kg wet	25.0		104	70-130		
Chloromethane	26		2.5	"	25.0		104	70-130		
Vinyl chloride	24		2.5	"	25.0		96	70-130		
Bromomethane	26		2.5	"	25.0		104	70-130		
Chloroethane	24		2.5	"	25.0		96	70-130		
Trichlorofluoromethane	24		2.5	"	25.0		96	70-130		
1,1-Dichloroethene	24		2.5	"	25.0		96	70-130		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	23		2.5	"	25.0		92	70-130		
Acetone	100		12	"	100		100	70-130		
Dichloromethane	23		2.5	"	25.0		92	70-130		
trans-1,2-Dichloroethene	23		2.5	"	25.0		92	70-130		
tert-Butyl methyl ether (MTBE)	28		2.5	"	25.0		112	70-130		
1,1-Dichloroethane	23		2.5	"	25.0		92	70-130		
cis-1,2-Dichloroethene	26		2.5	"	25.0		104	70-130		
2-Butanone (MEK)	100		12	"	100		100	70-130		
Chloroform	25		2.5	"	25.0		100	70-130		

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0161 - - General VOA - VOCs

LCS (B4A0161-BS1) Prepared & Analyzed: 01/21/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25		2.5	"	25.0		100	70-130		
1,1-Dichloropropene	25		2.5	"	25.0		100	70-130		
Benzene	25		2.5	"	25.0		100	70-130		
1,2-Dichloroethane	28		2.5	"	25.0		112	70-130		
Carbon tetrachloride	24		2.5	"	25.0		96	70-130		
Trichloroethene	24		2.5	"	25.0		96	70-130		
1,2-Dichloropropane	27		2.5	"	25.0		108	70-130		
Bromodichloromethane	27		2.5	"	25.0		108	70-130		
cis-1,3-Dichloropropene	29		2.5	"	25.0		116	70-130		
trans-1,3-Dichloropropene	31		2.5	"	25.0		124	70-130		
1,1,2-Trichloroethane	29		2.5	"	25.0		116	70-130		
4-Methyl-2-pentanone (MIBK)	120		12	"	100		120	70-130		
Toluene	25		2.5	"	25.0		100	70-130		
Tetrachloroethene	24		2.5	"	25.0		96	70-130		
1,3-Dichloropropane	28		2.5	"	25.0		112	70-130		
2-Hexanone	110		12	"	100		110	70-130		
Chlorodibromomethane	29		2.5	"	25.0		116	70-130		
1,2-Dibromoethane (EDB)	30		2.5	"	25.0		120	70-130		
Chlorobenzene	25		2.5	"	25.0		100	70-130		
Ethylbenzene	25		2.5	"	25.0		100	70-130		
m&p-Xylene	48		2.5	"	50.0		96	70-130		
o-Xylene	25		2.5	"	25.0		100	70-130		
Styrene	26		2.5	"	25.0		104	70-130		
Bromoform	30		2.5	"	25.0		120	70-130		
1,1,2,2-Tetrachloroethane	28		2.5	"	25.0		112	70-130		
1,2,3-Trichloropropane	29		2.5	"	25.0		116	70-130		
1,3-Dichlorobenzene	25		2.5	"	25.0		100	70-130		
1,4-Dichlorobenzene	25		2.5	"	25.0		100	70-130		
1,2-Dichlorobenzene	26		2.5	"	25.0		104	70-130		
1,2-Dibromo-3-chloropropane	27		12	"	25.0		108	70-130		
Surrogate: 1,2-Dichloroethane-d4	*25.9*			*"*	*25.0*		*104*	*80-120*		
Surrogate: Toluene-d8	*25.3*			*"*	*25.0*		*101*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*24 1*			*"*	*25.0*		*96*	*74-121*		
Surrogate: 1,2-Dichlorobenzene-d4	*24.5*			*"*	*25.0*		*98*	*70-130*		

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75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0161 - - General VOA - VOCs

Matrix Spike (B4A0161-MS2) Source: 0401063-01 Prepared & Analyzed: 01/21/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	29		3.3	ug/kg dry	33.2	ND	87	70-130		
Chloromethane	30		3.3	"	33.2	ND	90	70-130		
Vinyl chloride	29		3.3	"	33.2	ND	87	70-130		
Bromomethane	31		3.3	"	33.2	ND	93	70-130		
Chloroethane	28		3.3	"	33.2	ND	84	70-130		
Trichlorofluoromethane	30	Q6	3.3	"	33.2	3.6	80	70-130		
1,1-Dichloroethene	75	Q10	3.3	"	33.2	100	NR	70-130		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	25	Q6, Q4	3.3	"	33.2	5.9	58	70-130		
Acetone	99		17	"	133	ND	74	70-130		
Dichloromethane	33	Q6	3.3	"	33.2	6.5	80	70-130		
trans-1,2-Dichloroethene	29		3.3	"	33.2	2.2	81	70-130		
tert-Butyl methyl ether (MTBE)	30		3.3	"	33.2	ND	90	70-130		
1,1-Dichloroethane	43	Q6	3.3	"	33.2	18	75	70-130		
cis-1,2-Dichloroethene	62	Q6	3.3	"	33.2	36	78	70-130		
2-Butanone (MEK)	110		17	"	133	ND	83	70-130		
Chloroform	540	Q10	3.3	"	33.2	600	NR	70-130		
1,1,1-Trichloroethane	36	Q6	3.3	"	33.2	12	72	70-130		
1,1-Dichloropropene	28	Q6	3.3	"	33.2	ND	84	70-130		
Benzene	29		3.3	"	33.2	1.6	83	70-130		
1,2-Dichloroethane	36		3.3	"	33.2	4.6	95	70-130		
Carbon tetrachloride	27		3.3	"	33.2	ND	81	70-130		
Trichloroethene	160	Q10	3.3	"	33.2	210	NR	70-130		
1,2-Dichloropropane	31		3.3	"	33.2	ND	93	70-130		
Bromodichloromethane	31		3.3	"	33.2	ND	93	70-130		
cis-1,3-Dichloropropene	32		3.3	"	33.2	ND	96	70-130		
trans-1,3-Dichloropropene	34		3.3	"	33.2	ND	102	70-130		
1,1,2-Trichloroethane	33		3.3	"	33.2	ND	99	70-130		
4-Methyl-2-pentanone (MIBK)	120		17	"	133	ND	90	70-130		
Toluene	31	Q6	3.3	"	33.2	5.9	76	70-130		
Tetrachloroethene	4000	Q10	3.3	"	33.2	3700	904	70-130		
1,3-Dichloropropane	32		3.3	"	33.2	ND	96	70-130		
2-Hexanone	120		17	"	133	ND	90	70-130		
Chlorodibromomethane	36		3 3	"	33.2	ND	108	70-130		
1,2-Dibromoethane (EDB)	32		3.3	"	33.2	ND	96	70-130		
Chlorobenzene	28		3 3	"	33.2	ND	84	70-130		
Ethylbenzene	27		3.3	"	33.2	ND	81	70-130		

United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0161 - - General VOA - VOCs

Matrix Spike (B4A0161-MS2) Source: 0401063-01 Prepared & Analyzed: 01/21/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
m&p-Xylene	52		3.3	"	66.4	ND	78	70-130		
o-Xylene	27		3.3	"	33.2	ND	81	70-130		
Styrene	28		3.3	"	33.2	ND	84	70-130		
Bromoform	34		3.3	"	33.2	ND	102	70-130		
1,1,2,2-Tetrachloroethane	32		3.3	"	33.2	ND	96	70-130		
1,2,3-Trichloropropane	31		3.3	"	33.2	ND	93	70-130		
1,3-Dichlorobenzene	26		3.3	"	33.2	ND	78	70-130		
1,4-Dichlorobenzene	26		3.3	"	33.2	ND	78	70-130		
1,2-Dichlorobenzene	27		3.3	"	33.2	ND	81	70-130		
1,2-Dibromo-3-chloropropane	27	J, Q3	17	"	33.2	ND	81	70-130		
Surrogate: 1,2-Dichloroethane-d4	*34.3*			"	*33.2*		*103*	*80-120*		
Surrogate: Toluene-d8	*33.0*			"	*33.2*		*99*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*32.1*			"	*33.2*		*97*	*74-121*		
Surrogate: 1,2-Dichlorobenzene-d4	*33.4*			"	*33.2*		*101*	*70-130*		

Matrix Spike Dup (B4A0161-MSD2) Source: 0401063-01 Prepared & Analyzed: 01/21/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	19		2.6	ug/kg dry	26.3	ND	72	70-130	19	20
Chloromethane	22		2.6	"	26.3	ND	84	70-130	7	20
Vinyl chloride	21		2.6	"	26.3	ND	80	70-130	8	20
Bromomethane	23		2.6	"	26.3	ND	87	70-130	7	20
Chloroethane	20		2.6	"	26.3	ND	76	70-130	10	20
Trichlorofluoromethane	20	Q6, Q4	2.6	"	26.3	3.6	62	70-130	25	20
1,1-Dichloroethene	28	Q10	2.6	"	26.3	100	NR	70-130	114	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	16	Q6, Q4	2.6	"	26.3	5.9	38	70-130	42	20
Acetone	77		13	"	105	ND	73	70-130	1	20
Dichloromethane	22	Q6, Q4	2.6	"	26.3	6.5	59	70-130	30	20
trans-1,2-Dichloroethene	20	Q4	2.6	"	26.3	2.2	68	70-130	17	20
tert-Butyl methyl ether (MTBE)	24		2.6	"	26.3	ND	91	70-130	1	20
1,1-Dichloroethane	28	Q6, Q4	2.6	"	26.3	18	38	70-130	65	20
cis-1,2-Dichloroethene	40	Q6, Q4	2.6	"	26.3	36	15	70-130	135	20
2-Butanone (MEK)	83		13	"	105	ND	79	70-130	5	20
Chloroform	280	Q10	2.6	"	26.3	600	NR	70-130	148	20
1,1,1-Trichloroethane	23	Q6, Q4	2.6	"	26.3	12	42	70-130	53	20
1,1-Dichloropropene	18	Q6	2.6	"	26.3	ND	68	70-130	21	20
Benzene	21		2.6	"	26.3	1.6	74	70-130	11	20

United States Environmental Protection Agency
Region 9 Laboratory

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0161 - - General VOA - VOCs

Matrix Spike Dup (B4A0161-MSD2) Source: 0401063-01 Prepared & Analyzed: 01/21/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,2-Dichloroethane	26		2.6	"	26.3	4.6	81	70-130	16	20
Carbon tetrachloride	19		2.6	"	26.3	ND	72	70-130	12	20
Trichloroethene	79	Q10	2.6	"	26.3	210	NR	70-130	107	20
1,2-Dichloropropane	22		2.6	"	26.3	ND	84	70-130	10	20
Bromodichloromethane	22		2.6	"	26.3	ND	84	70-130	10	20
cis-1,3-Dichloropropene	23		2.6	"	26.3	ND	87	70-130	10	20
trans-1,3-Dichloropropene	24		2.6	"	26.3	ND	91	70-130	11	20
1,1,2-Trichloroethane	25		2.6	"	26.3	ND	95	70-130	4	20
4-Methyl-2-pentanone (MIBK)	96		13	"	105	ND	91	70-130	1	20
Toluene	22	Q4, Q6	2.6	"	26.3	5.9	61	70-130	22	20
Tetrachloroethene	2800	Q10	2.6	"	26.3	3700	NR	70-130	NR	20
1,3-Dichloropropane	24		2.6	"	26.3	ND	91	70-130	5	20
2-Hexanone	92		13	"	105	ND	88	70-130	2	20
Chlorodibromomethane	29		2.6	"	26.3	ND	110	70-130	2	20
1,2-Dibromoethane (EDB)	24		2.6	"	26.3	ND	91	70-130	5	20
Chlorobenzene	20		2.6	"	26.3	ND	76	70-130	10	20
Ethylbenzene	19		2.6	"	26.3	ND	72	70-130	12	20
m&p-Xylene	36	Q4	2.6	"	52.5	ND	69	70-130	12	20
o-Xylene	19		2.6	"	26.3	ND	72	70-130	12	20
Styrene	19		2.6	"	26.3	ND	72	70-130	15	20
Bromoform	24		2.6	"	26.3	ND	91	70-130	11	20
1,1,2,2-Tetrachloroethane	23		2.6	"	26.3	ND	87	70-130	10	20
1,2,3-Trichloropropane	24		2.6	"	26.3	ND	91	70-130	2	20
1,3-Dichlorobenzene	18	Q4	2.6	"	26.3	ND	68	70-130	14	20
1,4-Dichlorobenzene	18	Q4	2.6	"	26.3	ND	68	70-130	14	20
1,2-Dichlorobenzene	19		2.6	"	26.3	ND	72	70-130	12	20
1,2-Dibromo-3-chloropropane	23	J, Q3	13	"	26.3	ND	87	70-130	7	20
Surrogate: 1,2-Dichloroethane-d4	*26.1*			"	*26.3*		*99*	*80-120*		
Surrogate: Toluene-d8	*26.8*			"	*26.3*		*102*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*25.3*			"	*26.3*		*96*	*74-121*		
Surrogate: 1,2-Dichlorobenzene-d4	*26.2*			"	*26.3*		*100*	*70-130*		

United States Environmental Protection Agency
Region 9 Laboratory

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0188 - - General VOA - VOCs

Blank (B4A0188-BLK1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	ND	U	250	ug/kg wet						
Chloromethane	ND	U	250	"						
Vinyl chloride	ND	U	250	"						
Bromomethane	ND	U	250	"						
Chloroethane	ND	U	250	"						
Trichlorofluoromethane	ND	U	250	"						
1,1-Dichloroethene	ND	U	250	"						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	250	"						
Acetone	ND	U, J, C3	1200	"						
Carbon disulfide	ND	U	250	"						
Dichloromethane	ND	U	250	"						
trans-1,2-Dichloroethene	ND	U	250	"						
tert-Butyl methyl ether (MTBE)	ND	U	250	"						
1,1-Dichloroethane	ND	U	250	"						
Ethyl tert-butyl ether	ND	U	250	"						
cis-1,2-Dichloroethene	ND	U	250	"						
2-Butanone (MEK)	ND	U	1200	"						
Chloroform	ND	U	250	"						
1,1,1-Trichloroethane	ND	U	250	"						
tert-Amyl methyl ether	ND	U	250	"						
1,1-Dichloropropene	ND	U	250	"						
Benzene	ND	U	250	"						
1,2-Dichloroethane	ND	U	250	"						
Carbon tetrachloride	ND	U	250	"						
Trichloroethene	ND	U	250	"						
1,2-Dichloropropane	ND	U	250	"						
Bromodichloromethane	ND	U	250	"						
cis-1,3-Dichloropropene	ND	U	250	"						
trans-1,3-Dichloropropene	ND	U	250	"						
1,1,2-Trichloroethane	ND	U	250	"						
4-Methyl-2-pentanone (MIBK)	ND	U	1200	"						
Toluene	ND	U	250	"						
Tetrachloroethene	ND	U	250	"						
1,3-Dichloropropane	ND	U	250	"						
2-Hexanone	ND	U	1200	"						
Chlorodibromomethane	ND	U	250	"						

United States Environmental Protection Agency
Region 9 Laboratory

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0188 - - General VOA - VOCs

Blank (B4A0188-BLK1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND	U	250	"						
Chlorobenzene	ND	U	250	"						
Ethylbenzene	ND	U	250	"						
m&p-Xylene	ND	U	250	"						
o-Xylene	ND	U	250	"						
Styrene	ND	U	250	"						
Bromoform	ND	U	250	"						
1,1,2,2-Tetrachloroethane	ND	U	250	"						
1,2,3-Trichloropropane	ND	U	250	"						
1,3-Dichlorobenzene	ND	U	250	"						
1,4-Dichlorobenzene	ND	U	250	"						
1,2-Dichlorobenzene	ND	U	250	"						
1,2-Dibromo-3-chloropropane	ND	C3, J, U	1200	"						
Surrogate: 1,2-Dichloroethane-d4	*2440*			*"*	*2500*		*98*	*80-120*		
Surrogate: Toluene-d8	*2560*			*"*	*2500*		*102*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*2360*			*"*	*2500*		*94*	*74-121*		
Surrogate 1,2-Dichlorobenzene-d4	*2200*			*"*	*2500*		*88*	*70-130*		

LCS (B4A0188-BS1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	3600	Q2	250	ug/kg wet	2500		144	70-130		
Chloromethane	2800		250	"	2500		112	70-130		
Vinyl chloride	3000		250	"	2500		120	70-130		
Bromomethane	2700		250	"	2500		108	70-130		
Chloroethane	2800		250	"	2500		112	70-130		
Trichlorofluoromethane	3000		250	"	2500		120	70-130		
1,1-Dichloroethene	2700		250	"	2500		108	70-130		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2700		250	"	2500		108	70-130		
Acetone	9100	C3, J	1200	"	10000		91	70-130		
Dichloromethane	1900		250	"	2500		76	70-130		
trans-1,2-Dichloroethene	3000		250	"	2500		120	70-130		
tert-Butyl methyl ether (MTBE)	3200		250	"	2500		128	70-130		
1,1-Dichloroethane	3000		250	"	2500		120	70-130		
cis-1,2-Dichloroethene	3200		250	"	2500		128	70-130		

United States Environmental Protection Agency
Region 9 Laboratory

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0188 - - General VOA - VOCs

LCS (B4A0188-BS1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,1,1-Trichloroethane	2800		250	"	2500		112	70-130		
1,1-Dichloropropene	2700		250	"	2500		108	70-130		
Benzene	2500		250	"	2500		100	70-130		
1,2-Dichloroethane	2700		250	"	2500		108	70-130		
Carbon tetrachloride	2700		250	"	2500		108	70-130		
Trichloroethene	2600		250	"	2500		104	70-130		
1,2-Dichloropropane	2700		250	"	2500		108	70-130		
Bromodichloromethane	2700		250	"	2500		108	70-130		
cis-1,3-Dichloropropene	2800		250	"	2500		112	70-130		
trans-1,3-Dichloropropene	3000		250	"	2500		120	70-130		
1,1,2-Trichloroethane	2700		250	"	2500		108	70-130		
4-Methyl-2-pentanone (MIBK)	11000		1200	"	10000		110	70-130		
Toluene	2500		250	"	2500		100	70-130		
Tetrachloroethene	2600		250	"	2500		104	70-130		
1,3-Dichloropropane	2800		250	"	2500		112	70-130		
2-Hexanone	11000		1200	"	10000		110	70-130		
Chlorodibromomethane	3000		250	"	2500		120	70-130		
1,2-Dibromoethane (EDB)	2900		250	"	2500		116	70-130		
Chlorobenzene	2400		250	"	2500		96	70-130		
Ethylbenzene	2400		250	"	2500		96	70-130		
m&p-Xylene	4700		250	"	5000		94	70-130		
o-Xylene	2400		250	"	2500		96	70-130		
Styrene	2300		250	"	2500		92	70-130		
Bromoform	2900		250	"	2500		116	70-130		
1,1,2,2-Tetrachloroethane	2600		250	"	2500		104	70-130		
1,2,3-Trichloropropane	2600		250	"	2500		104	70-130		
1,3-Dichlorobenzene	2300		250	"	2500		92	70-130		
1,4-Dichlorobenzene	2300		250	"	2500		92	70-130		
1,2-Dichlorobenzene	2300		250	"	2500		92	70-130		
1,2-Dibromo-3-chloropropane	2400	C3, J	1200	"	2500		96	70-130		
Surrogate: 1,2-Dichloroethane-d4	*2750*			*"*	*2500*		*110*	*80-120*		
Surrogate: Toluene-d8	*2530*			*"*	*2500*		*101*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*2400*			*"*	*2500*		*96*	*74-121*		
Surrogate: 1,2-Dichlorobenzene-d4	*2330*			*"*	*2500*		*93*	*70-130*		

United States Environmental Protection Agency
Region 9 Laboratory

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0190 - 5035 VOA Solid - VOCs

Blank (B4A0190-BLK1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	ND	U	2.5	ug/kg wet						
Chloromethane	ND	U	2.5	"						
Vinyl chloride	ND	U	2.5	"						
Bromomethane	ND	C4, J, U	2.5	"						
Chloroethane	ND	U	2.5	"						
Trichlorofluoromethane	ND	U	2.5	"						
1,1-Dichloroethene	ND	U	2.5	"						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U	2.5	"						
Acetone	ND	U	12	"						
Carbon disulfide	ND	U	2.5	"						
Dichloromethane	ND	U	2.5	"						
trans-1,2-Dichloroethene	ND	U	2.5	"						
tert-Butyl methyl ether (MTBE)	ND	U	2.5	"						
1,1-Dichloroethane	ND	U	2.5	"						
Ethyl tert-butyl ether	ND	U	2.5	"						
cis-1,2-Dichloroethene	ND	U	2.5	"						
2-Butanone (MEK)	ND	U	12	"						
Chloroform	ND	U	2 5	"						
1,1,1-Trichloroethane	ND	U	2.5	"						
tert-Amyl methyl ether	ND	U	2.5	"						
1,1-Dichloropropene	ND	U	2.5	"						
Benzene	ND	U	2.5	"						
1,2-Dichloroethane	ND	U	2.5	"						
Carbon tetrachloride	ND	U	2.5	"						
Trichloroethene	ND	U	2.5	"						
1,2-Dichloropropane	ND	U	2.5	"						
Bromodichloromethane	ND	U	2.5	"						
cis-1,3-Dichloropropene	ND	U	2.5	"						
trans-1,3-Dichloropropene	ND	U	2.5	"						
1,1,2-Trichloroethane	ND	U	2.5	"						
4-Methyl-2-pentanone (MIBK)	ND	U	12	"						
Toluene	ND	U	2.5	"						
Tetrachloroethene	ND	U	2.5	"						
1,3-Dichloropropane	ND	U	2.5	"						
2-Hexanone	ND	U	12	"						
Chlorodibromomethane	ND	U	2.5	"						

United States Environmental Protection Agency
Region 9 Laboratory

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0190 - 5035 VOA Solid - VOCs

Blank (B4A0190-BLK1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND	U	2.5	"						
Chlorobenzene	ND	U	2.5	"						
Ethylbenzene	ND	U	2.5	"						
m&p-Xylene	ND	U	2.5	"						
o-Xylene	ND	U	2.5	"						
Styrene	ND	U	2.5	"						
Bromoform	ND	U	2.5	"						
1,1,2,2-Tetrachloroethane	ND	U	2.5	"						
1,2,3-Trichloropropane	ND	U	2.5	"						
1,3-Dichlorobenzene	ND	U	2.5	"						
1,4-Dichlorobenzene	ND	U	2.5	"						
1,2-Dichlorobenzene	ND	U	2.5	"						
1,2-Dibromo-3-chloropropane	ND	Q3, U	25	"						
Surrogate: 1,2-Dichloroethane-d4	*28.2*			"	*25.0*		*113*	*80-120*		
Surrogate: Toluene-d8	*24.6*			"	*25.0*		*98*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*20.1*			"	*25.0*		*80*	*74-121*		
Surrogate: 1,2-Dichlorobenzene-d4	*21.4*			"	*25.0*		*86*	*70-130*		

LCS (B4A0190-BS1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	26		2.5	ug/kg wet	25.0		104	70-130		
Chloromethane	27		2.5	"	25.0		108	70-130		
Vinyl chloride	26		2.5	"	25.0		104	70-130		
Bromomethane	21	C4, J	2.5	"	25.0		84	70-130		
Chloroethane	26		2.5	"	25.0		104	70-130		
Trichlorofluoromethane	26		2.5	"	25.0		104	70-130		
1,1-Dichloroethene	23		2.5	"	25.0		92	70-130		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	23		2.5	"	25.0		92	70-130		
Acetone	110		12	"	100		110	70-130		
Dichloromethane	26		2.5	"	25.0		104	70-130		
trans-1,2-Dichloroethene	26		2.5	"	25.0		104	70-130		
tert-Butyl methyl ether (MTBE)	31		2.5	"	25.0		124	70-130		
1,1-Dichloroethane	25		2.5	"	25.0		100	70-130		
cis-1,2-Dichloroethene	28		2.5	"	25.0		112	70-130		
2-Butanone (MEK)	110		12	"	100		110	70-130		
Chloroform	27		2.5	"	25.0		108	70-130		

United States Environmental Protection Agency
Region 9 Laboratory

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0190 - 5035 VOA Solid - VOCs

LCS (B4A0190-BS1) Prepared & Analyzed: 01/23/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,1,1-Trichloroethane	26		2.5	"	25.0		104	70-130		
1,1-Dichloropropene	27		2.5	"	25.0		108	70-130		
Benzene	27		2.5	"	25.0		108	70-130		
1,2-Dichloroethane	30		2.5	"	25.0		120	70-130		
Carbon tetrachloride	25		2.5	"	25.0		100	70-130		
Trichloroethene	26		2.5	"	25.0		104	70-130		
1,2-Dichloropropane	30		2.5	"	25.0		120	70-130		
Bromodichloromethane	29		2.5	"	25.0		116	70-130		
cis-1,3-Dichloropropene	30		2.5	"	25.0		120	70-130		
trans-1,3-Dichloropropene	32		2.5	"	25.0		128	70-130		
1,1,2-Trichloroethane	32		2.5	"	25.0		128	70-130		
4-Methyl-2-pentanone (MIBK)	120		12	"	100		120	70-130		
Toluene	26		2.5	"	25.0		104	70-130		
Tetrachloroethene	26		2.5	"	25.0		104	70-130		
1,3-Dichloropropane	28		2.5	"	25.0		112	70-130		
2-Hexanone	120		12	"	100		120	70-130		
Chlorodibromomethane	28		2.5	"	25.0		112	70-130		
1,2-Dibromoethane (EDB)	30		2.5	"	25.0		120	70-130		
Chlorobenzene	26		2.5	"	25.0		104	70-130		
Ethylbenzene	26		2.5	"	25.0		104	70-130		
m&p-Xylene	51		2.5	"	50.0		102	70-130		
o-Xylene	27		2.5	"	25.0		108	70-130		
Styrene	27		2.5	"	25.0		108	70-130		
Bromoform	28		2.5	"	25.0		112	70-130		
1,1,2,2-Tetrachloroethane	31		2.5	"	25.0		124	70-130		
1,2,3-Trichloropropane	30		2.5	"	25.0		120	70-130		
1,3-Dichlorobenzene	27		2.5	"	25.0		108	70-130		
1,4-Dichlorobenzene	27		2.5	"	25.0		108	70-130		
1,2-Dichlorobenzene	28		2.5	"	25.0		112	70-130		
1,2-Dibromo-3-chloropropane	32	Q3, J	25	"	25.0		128	70-130		
Surrogate: 1,2-Dichloroethane-d4	*27.8*			"	*25.0*		*111*	*80-120*		
Surrogate: Toluene-d8	*24.5*			"	*25.0*		*98*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*24.2*			"	*25.0*		*97*	*74-121*		
Surrogate: 1,2-Dichlorobenzene-d4	*26.4*			"	*25.0*		*106*	*70-130*		

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0190 - 5035 VOA Solid - VOCs

Matrix Spike (B4A0190-MS2) Source: 0401075-01 Prepared: 01/23/04 Analyzed: 01/26/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	25		2.6	ug/kg dry	26.1	ND	96	70-130		
Chloromethane	27		2.6	"	26.1	ND	103	70-130		
Vinyl chloride	25		2.6	"	26.1	ND	96	70-130		
Bromomethane	29		2.6	"	26.1	ND	111	70-130		
Chloroethane	25		2.6	"	26.1	ND	96	70-130		
Trichlorofluoromethane	28		2.6	"	26.1	3.1	95	70-130		
1,1-Dichloroethene	84	Q10	2.6	"	26.1	130	NR	70-130		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	31	Q6, Q2, J	2.6	"	26.1	ND	119	70-130		
Acetone	110		13	"	104	ND	106	70-130		
Dichloromethane	34	Q6	2.6	"	26.1	13	80	70-130		
trans-1,2-Dichloroethene	27		2.6	"	26.1	3.0	92	70-130		
tert-Butyl methyl ether (MTBE)	29		2.6	"	26.1	ND	111	70-130		
1,1-Dichloroethane	45	Q6, Q4	2.6	"	26.1	30	57	70-130		
cis-1,2-Dichloroethene	28		2.6	"	26.1	ND	107	70-130		
2-Butanone (MEK)	100		13	"	104	ND	96	70-130		
Chloroform	74	Q4, Q6	2.6	"	26.1	77	NR	70-130		
1,1,1-Trichloroethane	150	Q10	2.6	"	26.1	260	NR	70-130		
1,1-Dichloropropene	26		2.6	"	26.1	ND	100	70-130		
Benzene	29		2.6	"	26.1	4.7	93	70-130		
1,2-Dichloroethane	59	Q6, Q4	2.6	"	26.1	48	42	70-130		
Carbon tetrachloride	25		2.6	"	26.1	ND	96	70-130		
Trichloroethene	170	Q10	2.6	"	26.1	310	NR	70-130		
1,2-Dichloropropane	29		2.6	"	26.1	ND	111	70-130		
Bromodichloromethane	28		2.6	"	26.1	ND	107	70-130		
cis-1,3-Dichloropropene	29		2.6	"	26.1	ND	111	70-130		
trans-1,3-Dichloropropene	30		2.6	"	26.1	ND	115	70-130		
1,1,2-Trichloroethane	110	Q10	2.6	"	26.1	130	NR	70-130		
4-Methyl-2-pentanone (MIBK)	100		13	"	104	ND	96	70-130		
Toluene	24		2.6	"	26.1	1.3	87	70-130		
Tetrachloroethene	4300	Q10	2.6	"	26.1	5600	NR	70-130		
1,3-Dichloropropane	28		2.6	"	26.1	ND	107	70-130		
2-Hexanone	100		13	"	104	ND	96	70-130		
Chlorodibromomethane	37	Q4	2.6	"	26.1	ND	142	70-130		
1,2-Dibromoethane (EDB)	27		2.6	"	26.1	ND	103	70-130		
Chlorobenzene	24		2.6	"	26.1	1.5	86	70-130		
Ethylbenzene	24		2 6	"	26.1	ND	92	70-130		

United States Environmental Protection Agency
Region 9 Laboratory

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0190 - 5035 VOA Solid - VOCs

Matrix Spike (B4A0190-MS2) Source: 0401075-01 Prepared: 01/23/04 Analyzed: 01/26/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
m&p-Xylene	47		2.6	"	52.1	ND	90	70-130		
o-Xylene	25		2.6	"	26.1	ND	96	70-130		
Styrene	24		2.6	"	26.1	ND	92	70-130		
Bromoform	27		2.6	"	26.1	ND	103	70-130		
1,1,2,2-Tetrachloroethane	25		2.6	"	26.1	ND	96	70-130		
1,2,3-Trichloropropane	24		2.6	"	26.1	ND	92	70-130		
1,3-Dichlorobenzene	23		2.6	"	26.1	ND	88	70-130		
1,4-Dichlorobenzene	24		2.6	"	26.1	ND	92	70-130		
1,2-Dichlorobenzene	26		2.6	"	26.1	2.2	91	70-130		
1,2-Dibromo-3-chloropropane	22	J, Q3, C1	26	"	26.1	ND	84	70-130		
Surrogate: 1,2-Dichloroethane-d4	*28.8*			*"*	*26.1*		*110*	*80-120*		
Surrogate: Toluene-d8	*25.6*			*"*	*26.1*		*98*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*26.7*			*"*	*26.1*		*102*	*74-121*		
Surrogate: 1,2-Dichlorobenzene-d4	*30.3*			*"*	*26.1*		*116*	*70-130*		

Matrix Spike Dup (B4A0190-MSD2) Source: 0401075-01 Prepared: 01/23/04 Analyzed: 01/26/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	24		2.6	ug/kg dry	26.0	ND	92	70-130	4	20
Chloromethane	26		2.6	"	26.0	ND	100	70-130	3	20
Vinyl chloride	25		2.6	"	26.0	ND	96	70-130	0	20
Bromomethane	27		2.6	"	26.0	ND	104	70-130	7	20
Chloroethane	24		2.6	"	26.0	ND	92	70-130	4	20
Trichlorofluoromethane	25		2.6	"	26.0	3.1	84	70-130	12	20
1,1-Dichloroethene	32	Q10	2.6	"	26.0	130	NR	70-130	73	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	20	Q6, Q2, J	2.6	"	26.0	ND	77	70-130	43	20
Acetone	130		13	"	104	ND	125	70-130	16	20
Dichloromethane	30	Q4, Q6	2.6	"	26.0	13	65	70-130	21	20
trans-1,2-Dichloroethene	25		2.6	"	26.0	3.0	85	70-130	8	20
tert-Butyl methyl ether (MTBE)	30		2.6	"	26.0	ND	115	70-130	4	20
1,1-Dichloroethane	33	Q4, Q6	2.6	"	26.0	30	12	70-130	130	20
cis-1,2-Dichloroethene	27		2.6	"	26.0	ND	104	70-130	3	20
2-Butanone (MEK)	120		13	"	104	ND	115	70-130	18	20
Chloroform	48	Q4, Q6	2.6	"	26.0	77	NR	70-130	164	20
1,1,1-Trichloroethane	63	Q10	2.6	"	26.0	260	NR	70-130	57	20
1,1-Dichloropropene	24	Q4	2.6	"	26.0	ND	92	70-130	8	20
Benzene	27		2.6	"	26.0	4.7	86	70-130	8	20

United States Environmental Protection Agency
Region 9 Laboratory

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0190 - 5035 VOA Solid - VOCs

Matrix Spike Dup (B4A0190-MSD2) Source: 0401075-01 Prepared: 01/23/04 Analyzed: 01/26/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,2-Dichloroethane	53	Q4, Q6	2.6	"	26.0	48	19	70-130	75	20
Carbon tetrachloride	23		2.6	"	26.0	ND	88	70-130	9	20
Trichloroethene	83	Q10	2.6	"	26.0	310	NR	70-130	48	20
1,2-Dichloropropane	28		2.6	"	26.0	ND	108	70-130	3	20
Bromodichloromethane	27		2.6	"	26.0	ND	104	70-130	3	20
cis-1,3-Dichloropropene	30		2.6	"	26.0	ND	115	70-130	4	20
trans-1,3-Dichloropropene	32		2.6	"	26.0	ND	123	70-130	7	20
1,1,2-Trichloroethane	100	Q10	2.6	"	26.0	130	NR	70-130	40	20
4-Methyl-2-pentanone (MIBK)	120		13	"	104	ND	115	70-130	18	20
Toluene	23		2.6	"	26.0	1.3	83	70-130	5	20
Tetrachloroethene	3700	Q10	2.6	"	26.0	5600	NR	70-130	38	20
1,3-Dichloropropane	29		2.6	"	26.0	ND	112	70-130	5	20
2-Hexanone	120		13	"	104	ND	115	70-130	18	20
Chlorodibromomethane	36	Q4	2.6	"	26.0	ND	138	70-130	3	20
1,2-Dibromoethane (EDB)	28		2.6	"	26.0	ND	108	70-130	5	20
Chlorobenzene	24		2.6	"	26.0	1.5	87	70-130	1	20
Ethylbenzene	22		2.6	"	26.0	ND	85	70-130	8	20
m&p-Xylene	44		2.6	"	51.9	ND	85	70-130	6	20
o-Xylene	24		2.6	"	26.0	ND	92	70-130	4	20
Styrene	24		2.6	"	26.0	ND	92	70-130	0	20
Bromoform	29		2.6	"	26.0	ND	112	70-130	8	20
1,1,2,2-Tetrachloroethane	28		2.6	"	26.0	ND	108	70-130	12	20
1,2,3-Trichloropropane	28		2.6	"	26.0	ND	108	70-130	16	20
1,3-Dichlorobenzene	22		2.6	"	26.0	ND	85	70-130	3	20
1,4-Dichlorobenzene	23		2.6	"	26.0	ND	88	70-130	4	20
1,2-Dichlorobenzene	26		2.6	"	26.0	2.2	92	70-130	1	20
1,2-Dibromo-3-chloropropane	24	J, Q3, C1	26	"	26.0	ND	92	70-130	9	20
Surrogate: 1,2-Dichloroethane-d4	*28.4*			*"*	*26.0*		*109*	*80-120*		
Surrogate: Toluene-d8	*25.2*			*"*	*26.0*		*97*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*25.7*			*"*	*26.0*		*99*	*74-121*		
Surrogate: 1,2-Dichlorobenzene-d4	*27.7*			*"*	*26.0*		*107*	*70-130*		

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Region 9 Laboratory

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0199 - 5035 VOA Solid - VOCs

Blank (B4A0199-BLK1) Prepared & Analyzed: 01/26/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	ND	U	2.5	ug/kg wet						
Chloromethane	ND	U	2.5	"						
Vinyl chloride	ND	U	2.5	"						
Bromomethane	ND	U	2.5	"						
Chloroethane	ND	U	2.5	"						
Trichlorofluoromethane	ND	U	2.5	"						
1,1-Dichloroethene	ND	U	2.5	"						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U, Q2	2.5	"						
Acetone	ND	U, J, C3	12	"						
Carbon disulfide	ND	U	2.5	"						
Dichloromethane	ND	U	2.5	"						
trans-1,2-Dichloroethene	ND	U	2.5	"						
tert-Butyl methyl ether (MTBE)	ND	U	2.5	"						
1,1-Dichloroethane	ND	U	2.5	"						
Ethyl tert-butyl ether	ND	U	2.5	"						
cis-1,2-Dichloroethene	ND	U	2.5	"						
2-Butanone (MEK)	ND	U	12	"						
Chloroform	ND	U	2.5	"						
1,1,1-Trichloroethane	ND	U	2.5	"						
tert-Amyl methyl ether	ND	U	2.5	"						
1,1-Dichloropropene	ND	U	2.5	"						
Benzene	ND	U	2.5	"						
1,2-Dichloroethane	ND	U	2.5	"						
Carbon tetrachloride	ND	U	2.5	"						
Trichloroethene	ND	U	2.5	"						
1,2-Dichloropropane	ND	U	2.5	"						
Bromodichloromethane	ND	U	2.5	"						
cis-1,3-Dichloropropene	ND	U	2.5	"						
trans-1,3-Dichloropropene	ND	U	2.5	"						
1,1,2-Trichloroethane	ND	U	2.5	"						
4-Methyl-2-pentanone (MIBK)	ND	U	12	"						
Toluene	ND	U	2.5	"						
Tetrachloroethene	4.5		2.5	"						
1,3-Dichloropropane	ND	U	2.5	"						
2-Hexanone	ND	U, C3, J	12	"						
Chlorodibromomethane	ND	U	2.5	"						

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0199 - 5035 VOA Solid - VOCs

Blank (B4A0199-BLK1) Prepared & Analyzed: 01/26/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND	U	2.5	"						
Chlorobenzene	ND	U	2.5	"						
Ethylbenzene	ND	U	2.5	"						
m&p-Xylene	ND	U	2.5	"						
o-Xylene	ND	U	2.5	"						
Styrene	ND	U	2.5	"						
Bromoform	ND	U	2.5	"						
1,1,2,2-Tetrachloroethane	ND	U	2.5	"						
1,2,3-Trichloropropane	ND	U	2.5	"						
1,3-Dichlorobenzene	ND	U	2.5	"						
1,4-Dichlorobenzene	ND	U	2.5	"						
1,2-Dichlorobenzene	ND	U	2.5	"						
1,2-Dibromo-3-chloropropane	ND	U, C3, Q3, J	25	"						
Surrogate: 1,2-Dichloroethane-d4	*28.3*			*"*	*25.0*		*113*	*80-120*		
Surrogate: Toluene-d8	*24.8*			*"*	*25.0*		*99*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*21.1*			*"*	*25.0*		*84*	*74-121*		
Surrogate: 1,2-Dichlorobenzene-d4	*21.1*			*"*	*25.0*		*84*	*70-130*		

LCS (B4A0199-BS1) Prepared & Analyzed: 01/26/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	19		2.5	ug/kg wet	25.0		76	70-130		
Chloromethane	21		2.5	"	25.0		84	70-130		
Vinyl chloride	20		2.5	"	25.0		80	70-130		
Bromomethane	22		2.5	"	25.0		88	70-130		
Chloroethane	20		2.5	"	25.0		80	70-130		
Trichlorofluoromethane	20		2.5	"	25.0		80	70-130		
1,1-Dichloroethene	18		2.5	"	25.0		72	70-130		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	U, Q2	2.5	"	25.0			70-130		
Acetone	130	C3, C4, J	12	"	100		130	70-130		
Dichloromethane	21		2.5	"	25.0		84	70-130		
trans-1,2-Dichloroethene	20		2.5	"	25.0		80	70-130		
tert-Butyl methyl ether (MTBE)	28		2.5	"	25.0		112	70-130		
1,1-Dichloroethane	22		2.5	"	25.0		88	70-130		
cis-1,2-Dichloroethene	22		2.5	"	25.0		88	70-130		
2-Butanone (MEK)	120	C4, J	12	"	100		120	70-130		
Chloroform	21		2.5	"	25.0		84	70-130		

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control
EPA Region 9 Laboratory

Batch B4A0199 - 5035 VOA Solid - VOCs

LCS (B4A0199-BS1) Prepared & Analyzed: 01/26/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,1,1-Trichloroethane	19		2.5	"	25.0		76	70-130		
1,1-Dichloropropene	19		2.5	"	25.0		76	70-130		
Benzene	20		2.5	"	25.0		80	70-130		
1,2-Dichloroethane	26		2.5	"	25.0		104	70-130		
Carbon tetrachloride	18		2.5	"	25.0		72	70-130		
Trichloroethene	19		2.5	"	25.0		76	70-130		
1,2-Dichloropropane	23		2.5	"	25.0		92	70-130		
Bromodichloromethane	23		2.5	"	25.0		92	70-130		
cis-1,3-Dichloropropene	25		2.5	"	25.0		100	70-130		
trans-1,3-Dichloropropene	27		2.5	"	25.0		108	70-130		
1,1,2-Trichloroethane	26		2.5	"	25.0		104	70-130		
4-Methyl-2-pentanone (MIBK)	110	C4, J	12	"	100		110	70-130		
Toluene	19		2.5	"	25.0		76	70-130		
Tetrachloroethene	23	Q3, J	2.5	"	25.0		92	70-130		
1,3-Dichloropropane	24		2.5	"	25.0		96	70-130		
2-Hexanone	110	C4, C3, J	12	"	100		110	70-130		
Chlorodibromomethane	25		2.5	"	25.0		100	70-130		
1,2-Dibromoethane (EDB)	26		2.5	"	25.0		104	70-130		
Chlorobenzene	19		2.5	"	25.0		76	70-130		
Ethylbenzene	18		2.5	"	25.0		72	70-130		
m&p-Xylene	37		2.5	"	50.0		74	70-130		
o-Xylene	19		2.5	"	25.0		76	70-130		
Styrene	20		2.5	"	25.0		80	70-130		
Bromoform	25		2.5	"	25.0		100	70-130		
1,1,2,2-Tetrachloroethane	25		2.5	"	25.0		100	70-130		
1,2,3-Trichloropropane	26		2.5	"	25.0		104	70-130		
1,3-Dichlorobenzene	20		2.5	"	25.0		80	70-130		
1,4-Dichlorobenzene	20		2.5	"	25.0		80	70-130		
1,2-Dichlorobenzene	21		2.5	"	25.0		84	70-130		
1,2-Dibromo-3-chloropropane	26	J, C3, Q3	25	"	25.0		104	70-130		
Surrogate: 1,2-Dichloroethane-d4	*27.5*			*"*	*25.0*		*110*	*80-120*		
Surrogate: Toluene-d8	*24.2*			*"*	*25.0*		*97*	*81-117*		
Surrogate: 4-Bromofluorobenzene	*24.4*			*"*	*25.0*		*98*	*74-121*		
Surrogate: 1,2-Dichlorobenzene-d4	*25.7*			*"*	*25.0*		*103*	*70-130*		

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San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15:00

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
EPA Region 9 Laboratory

Batch B4A0196 - - General Inorganic - Solids, Dry Weight

Blank (B4A0196-BLK1) Prepared: 01/26/04 Analyzed: 01/27/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
% Solids	0			%						

Duplicate (B4A0196-DUP1) Source: 0401063-01 Prepared: 01/26/04 Analyzed: 01/27/04

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
% Solids	85			%		85			0	20

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Site Cleanup Section 4	**Project:** Omega Chemical Jan 2004 Split Sampling	
75 Hawthorne Street	**Project Number:** R04S33	**SDG:**04021B
San Francisco CA, 94105	**Project Manager:** Chris Lichens	**Reported:**03/05/04 15 00

Qualifiers and Comments

Q6	Matrix spike/matrix spike duplicate precision criteria were not met for this analyte (see MS/MSD results for this batch in QC summary)
Q4	The matrix spike and/or matrix spike duplicate associated with this sample did not meet recovery criteria for this analyte (see MS/MSD results for this batch in QC summary)
Q3	The quantitation limit standard did not meet recovery criteria for this analyte
Q2	The laboratory control standard associated with this sample did not meet recovery criteria for this analyte (see LCS results for this batch in QC summary)
Q10	The analyte concentration in the unfortified sample is significantly greater than the concentration spiked into the matrix spike and matrix spike duplicate The reported spike recovery is not a meaningful measure of the dataset's analytical accuracy
J	The reported result for this analyte should be considered an estimated value
C4	The calibration verification check did not meet % difference criteria for this analyte
C3	The initial calibration for this analyte did not meet calibration fit criteria
C2	The reported concentration for this analyte is above the calibration range of the instrument
C1	The reported concentration for this analyte is below the quantitation limit
A3	The sample was extracted/analyzed past the recommended holding time
U	Not Detected
NR	Not Reported

EJN 3/30/04