SFUND RECORDS CTR
2156961

United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street Building 201
Richmond, CA 94804

JUN 5 2007

Subject: **Analytical Testing Results - Project R07S52**
SDG: 07143A

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

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

Attached are the results from the analysis of samples from the **Omega Chemical OU2 Post Well Development 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 Eugenia McNaughton 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

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
OC2-MW28-W-551	0705037-01	Water	05/22/07 14:30	05/23/07 09:43
OC2-MW23A-W-552	0705037-02	Water	05/22/07 15:00	05/23/07 09:43

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 0705037-01 Water - Sampled: 05/22/07 14:30
Sample ID: OC2-MW28-W-551 Volatile Organic Compounds by EPA Method 524.2

Analyte		Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Dichlorodifluoromethane	RE2	ND	U	0.5	ug/L	B7E0130	05/23/07	05/24/07	524.2/SOP354
Chloromethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Vinyl chloride	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Bromomethane	RE2	ND	C3, J, U	0.5	"	"	"	"	524.2/SOP354
Chloroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Trichlorofluoromethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,1-Dichloroethene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,1,2-Trichloro-1,2,2-trifluoroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Acetone	RE2	ND	C3, J, U	4.0	"	"	"	"	524.2/SOP354
Dichloromethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
trans-1,2-Dichloroethene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
tert-Butyl methyl ether (MTBE)	RE2	ND	U	2.0	"	"	"	"	524.2/SOP354
1,1-Dichloroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
2,2-Dichloropropane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
cis-1,2-Dichloroethene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
2-Butanone (MEK)	RE2	ND	C3, J, Q3, U	4.0	"	"	"	"	524.2/SOP354
Bromochloromethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Chloroform	RE2	0.5	C1	0.5	"	"	"	"	524.2/SOP354
1,1,1-Trichloroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Carbon tetrachloride	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,1-Dichloropropene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Benzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,2-Dichloroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Trichloroethene	RE2	2.7		0.5	"	"	"	"	524.2/SOP354
1,2-Dichloropropane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Dibromomethane	RE2	0.2	C1, J	0.5	"	"	"	"	524.2/SOP354
Bromodichloromethane	RE2	0.4	C1, J	0.5	"	"	"	"	524.2/SOP354
cis-1,3-Dichloropropene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Toluene	RE2	0.2	C1, J	0.5	"	"	"	"	524.2/SOP354
trans-1,3-Dichloropropene	RE2	ND	C3, J, U	0.5	"	"	"	"	524.2/SOP354
1,1,2-Trichloroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Tetrachloroethene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,3-Dichloropropane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Chlorodibromomethane	RE2	0.7		0.5	"	"	"	"	524.2/SOP354
1,2-Dibromoethane (EDB)	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Chlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,1,1,2-Tetrachloroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Ethylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
m&p-Xylene	RE2	ND	U	1.0	"	"	"	"	524.2/SOP354
o-Xylene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Styrene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Bromoform	RE2	0.3	C1, J	0.5	"	"	"	"	524.2/SOP354
Isopropylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 0705037-01 — Water - Sampled: 05/22/07 14:30

Sample ID: OC2-MW28-W-551 — Volatile Organic Compounds by EPA Method 524.2

Analyte		Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Bromobenzene	RE2	ND	U	0.5	ug/L	B7E0130	05/23/07	05/24/07	524.2/SOP354
1,1,2,2-Tetrachloroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,2,3-Trichloropropane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Propylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
2-Chlorotoluene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
4-Chlorotoluene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,3,5-Trimethylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
tert-Butylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,2,4-Trimethylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
sec-Butylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,3-Dichlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
p-Isopropyltoluene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,4-Dichlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,2-Dichlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Butylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,2-Dibromo-3-chloropropane	RE2	ND	U	2.0	"	"	"	"	524.2/SOP354
1,2,4-Trichlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Hexachlorobutadiene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Naphthalene	RE2	ND	C3, J, U	0.5	"	"	"	"	524.2/SOP354
1,2,3-Trichlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Propene	RE2	2.2	N TIC, J		"	"	"	"	524.2/SOP354
Propene, methyl-	RE2	1.8	N TIC, J		"	"	"	"	524.2/SOP354
Surrogate: 1,2-Dichloroethane-d4	RE2	*5.22*		*104 %*	*76-130%*	"	"	"	
Surrogate: Toluene-d8	RE2	*5.02*		*100 %*	*83-120%*	"	"	"	
Surrogate: 4-Bromofluorobenzene	RE2	*4.85*		*97 %*	*74-110%*	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4	RE2	*5.11*		*102 %*	*69-120%*	"	"	"	

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 0705037-02 — Water - Sampled: 05/22/07 15:00
Sample ID: OC2-MW23A-W-552 — Volatile Organic Compounds by EPA Method 524.2

Analyte		Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Dichlorodifluoromethane	RE2	ND	U	0.5	ug/L	B7E0130	05/23/07	05/24/07	524.2/SOP354
Chloromethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Vinyl chloride	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Bromomethane	RE2	ND	C3, J, U	0.5	"	"	"	"	524.2/SOP354
Chloroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Trichlorofluoromethane	RE3	42		10	"	"	"	05/24/07	524.2/SOP354
1,1-Dichloroethene	RE3	110		10	"	"	"	"	524.2/SOP354
1,1,2-Trichloro-1,2,2-trifluoroethane	RE3	130		10	"	"	"	"	524.2/SOP354
Acetone	RE2	ND	C3, J, Q4, U	4.0	"	"	"	05/24/07	524.2/SOP354
Dichloromethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
trans-1,2-Dichloroethene	RE2	0.8		0.5	"	"	"	"	524.2/SOP354
tert-Butyl methyl ether (MTBE)	RE2	ND	U	2.0	"	"	"	"	524.2/SOP354
1,1-Dichloroethane	RE2	0.7		0.5	"	"	"	"	524.2/SOP354
2,2-Dichloropropane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
cis-1,2-Dichloroethene	RE2	9.3		0.5	"	"	"	"	524.2/SOP354
2-Butanone (MEK)	RE2	ND	C3, J, Q3, U	4.0	"	"	"	"	524.2/SOP354
Bromochloromethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Chloroform	RE3	40		10	"	"	"	05/24/07	524.2/SOP354
1,1,1-Trichloroethane	RE2	ND	U	0.5	"	"	"	05/24/07	524.2/SOP354
Carbon tetrachloride	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,1-Dichloropropene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Benzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,2-Dichloroethane	RE2	5.7		0.5	"	"	"	"	524.2/SOP354
Trichloroethene	RE3	150		10	"	"	"	05/24/07	524.2/SOP354
1,2-Dichloropropane	RE2	ND	U	0.5	"	"	"	05/24/07	524.2/SOP354
Dibromomethane	RE2	ND	J, Q4, U	0.5	"	"	"	"	524.2/SOP354
Bromodichloromethane	RE2	0.8		0.5	"	"	"	"	524.2/SOP354
cis-1,3-Dichloropropene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Toluene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
trans-1,3-Dichloropropene	RE2	ND	C3, J, U	0.5	"	"	"	"	524.2/SOP354
1,1,2-Trichloroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Tetrachloroethene	RE3	270		10	"	"	"	05/24/07	524.2/SOP354
1,3-Dichloropropane	RE2	ND	U	0.5	"	"	"	05/24/07	524.2/SOP354
Chlorodibromomethane	RE2	1.4		0.5	"	"	"	"	524.2/SOP354
1,2-Dibromoethane (EDB)	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Chlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,1,1,2-Tetrachloroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Ethylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
m&p-Xylene	RE2	ND	U	1.0	"	"	"	"	524.2/SOP354
o-Xylene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Styrene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Bromoform	RE2	0.8		0.5	"	"	"	"	524.2/SOP354
Isopropylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 0705037-02 — Water - Sampled: 05/22/07 15:00
Sample ID: OC2-MW23A-W-552 — Volatile Organic Compounds by EPA Method 524.2

Analyte		Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Bromobenzene	RE2	ND	U	0.5	ug/L	B7E0130	05/23/07	05/24/07	524.2/SOP354
1,1,2,2-Tetrachloroethane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,2,3-Trichloropropane	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Propylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
2-Chlorotoluene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
4-Chlorotoluene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,3,5-Trimethylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
tert-Butylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,2,4-Trimethylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
sec-Butylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,3-Dichlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
p-Isopropyltoluene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,4-Dichlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,2-Dichlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Butylbenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
1,2-Dibromo-3-chloropropane	RE2	ND	U	2.0	"	"	"	"	524.2/SOP354
1,2,4-Trichlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Hexachlorobutadiene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Naphthalene	RE2	ND	C3, J, U	0.5	"	"	"	"	524.2/SOP354
1,2,3-Trichlorobenzene	RE2	ND	U	0.5	"	"	"	"	524.2/SOP354
Ethane, dichloro-trifluo	RE2	3.1	N TIC, J		"	"	"	"	524.2/SOP354
Ethane,dichloro-trifluo	RE2	2.6	N TIC, J		"	"	"	"	524.2/SOP354
Surrogate: 1,2-Dichloroethane-d4	RE2	*5.27*		*105 %*	*76-130%*	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	RE2	*5.18*		*104 %*	*76-130%*	"	"	*05/24/07*	
Surrogate: Toluene-d8	RE2	*4.86*		*97 %*	*83-120%*	"	"	*05/24/07*	
Surrogate: Toluene-d8	RE2	*4.94*		*99 %*	*83-120%*	"	"	*05/24/07*	
Surrogate: 4-Bromofluorobenzene	RE2	*4.63*		*93 %*	*74-110%*	"	"	*05/24/07*	
Surrogate: 4-Bromofluorobenzene	RE2	*4.65*		*93 %*	*74-110%*	"	"	*05/24/07*	
Surrogate: 1,2-Dichlorobenzene-d4	RE2	*4.73*		*95 %*	*69-120%*	"	"	*05/24/07*	
Surrogate: 1,2-Dichlorobenzene-d4	RE2	*4.93*		*99 %*	*69-120%*	"	"	*05/24/07*	

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

Project Manager:	Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A
Project Number:	R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03
Project:	Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**	

Quality Control

Prepared & Analyzed: 05/24/07

Batch B7E0130 - - General VOA - VOCs

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Blank (B7E0130-BLK1)

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	ND	U	0.5	ug/L						
Chloromethane	ND	U	0.5	"						
Vinyl chloride	ND	U	0.5	"						
Bromomethane	ND	C3, J, U	0.5	"						
Chloroethane	ND	U	0.5	"						
Trichlorofluoromethane	ND	U	0.5	"						
1,1-Dichloroethene	ND	U	0.5	"						
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U	0.5	"						
Acetone	ND	C3, J, U	4.0	"						
Dichloromethane	ND	U	0.5	"						
trans-1,2-Dichloroethene	ND	U	0.5	"						
tert-Butyl methyl ether (MTBE)	ND	U	2.0	"						
1,1-Dichloroethane	ND	U	0.5	"						
2,2-Dichloropropane	ND	U	0.5	"						
cis-1,2-Dichloroethene	ND	U	0.5	"						
2-Butanone (MEK)	ND	C3, J, Q3, U	4.0	"						
Bromochloromethane	ND	U	0.5	"						
Chloroform	ND	U	0.5	"						
1,1,1-Trichloroethane	ND	U	0.5	"						
Carbon tetrachloride	ND	U	0.5	"						
1,1-Dichloropropene	ND	U	0.5	"						
Benzene	ND	U	0.5	"						
1,2-Dichloroethane	ND	U	0.5	"						
Trichloroethene	ND	U	0.5	"						
1,2-Dichloropropane	ND	U	0.5	"						
Dibromomethane	ND	U	0.5	"						
Bromodichloromethane	ND	U	0.5	"						
cis-1,3-Dichloropropene	ND	U	0.5	"						
Toluene	ND	U	0.5	"						
trans-1,3-Dichloropropene	ND	C3, J, U	0.5	"						
1,1,2-Trichloroethane	ND	U	0.5	"						
Tetrachloroethene	ND	U	0.5	"						
1,3-Dichloropropane	ND	U	0.5	"						
Chlorodibromomethane	ND	U	0.5	"						
1,2-Dibromoethane (EDB)	ND	U	0.5	"						
Chlorobenzene	ND	U	0.5	"						
1,1,1,2-Tetrachloroethane	ND	U	0.5	"						
Ethylbenzene	ND	U	0.5	"						
m&p-Xylene	ND	U	1.0	"						
o-Xylene	ND	U	0.5	"						
Styrene	ND	U	0.5	"						
Bromoform	ND	U	0.5	"						
Isopropylbenzene	ND	U	0.5	"						
Bromobenzene	ND	U	0.5	"						

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**	

Quality Control

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

Prepared & Analyzed: 05/24/07

Batch B7E0130 - - General VOA - VOCs

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Blank (B7E0130-BLK1)

1,1,2,2-Tetrachloroethane	ND	U	0.5	"						
1,2,3-Trichloropropane	ND	U	0.5	"						
Propylbenzene	ND	U	0.5	"						
2-Chlorotoluene	ND	U	0.5	"						
4-Chlorotoluene	ND	U	0.5	"						
1,3,5-Trimethylbenzene	ND	U	0.5	"						
tert-Butylbenzene	ND	U	0.5	"						
1,2,4-Trimethylbenzene	ND	U	0.5	"						
sec-Butylbenzene	ND	U	0.5	"						
1,3-Dichlorobenzene	ND	U	0.5	"						
p-Isopropyltoluene	ND	U	0.5	"						
1,4-Dichlorobenzene	ND	U	0.5	"						
1,2-Dichlorobenzene	ND	U	0.5	"						
Butylbenzene	ND	U	0.5	"						
1,2-Dibromo-3-chloropropane	ND	U	2.0	"						
1,2,4-Trichlorobenzene	ND	U	0.5	"						
Hexachlorobutadiene	ND	U	0.5	"						
Naphthalene	ND	C3, J, U	0.5	"						
1,2,3-Trichlorobenzene	ND	U	0.5	"						
Surrogate: 1,2-Dichloroethane-d4	*5.20*			"	*5.00*		*104*	*76-130*		
Surrogate: Toluene-d8	*4.96*			"	*5.00*		*99*	*83-120*		
Surrogate: 4-Bromofluorobenzene	*4.73*			"	*5.00*		*95*	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*4.99*			"	*5.00*		*100*	*69-120*		

LCS (B7E0130-BS1)

Dichlorodifluoromethane	3.89		0.5	ug/L	5.00		78	5.7-180		
Chloromethane	4.21		0.5	"	5.00		84	47-140		
Vinyl chloride	4.12		0.5	"	5.00		82	60-140		
Bromomethane	4.66		0.5	"	5.00		93	50-160		
Chloroethane	4.09		0.5	"	5.00		82	68-140		
Trichlorofluoromethane	4.05		0.5	"	5.00		81	63-150		
1,1-Dichloroethene	4.24		0.5	"	5.00		85	62-140		
1,1,2-Trichloro-1,2,2-trifluoroethane	3.77		0.5	"	5.00		75	53-150		
Acetone	35.3		4.0	"	40.0		88	32-190		
Dichloromethane	4.10		0.5	"	5.00		82	62-120		
trans-1,2-Dichloroethene	4.27		0.5	"	5.00		85	70-140		
tert-Butyl methyl ether (MTBE)	18.7		2.0	"	20.0		94	59-150		
1,1-Dichloroethane	4.02		0.5	"	5.00		80	70-140		
2,2-Dichloropropane	4.13		0.5	"	5.00		83	60-150		
cis-1,2-Dichloroethene	4.48		0.5	"	5.00		90	67-140		
2-Butanone (MEK)	41.8		4.0	"	40.0		104	58-150		
Bromochloromethane	4.61		0.5	"	5.00		92	55-150		
Chloroform	4.36		0.5	"	5.00		87	62-140		
1,1,1-Trichloroethane	4.60		0.5	"	5.00		92	76-140		
Carbon tetrachloride	4.64		0.5	"	5.00		93	62-150		
1,1-Dichloropropene	4.78		0.5	"	5.00		96	75-130		

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**	

Quality Control

Prepared & Analyzed: 05/24/07

Batch B7E0130 - - General VOA - VOCs Volatile Organic Compounds by EPA Method 524.2 - Quality Control

LCS (B7E0130-BS1)

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Benzene	4.86		0.5	"	5.00		97	79-120		
1,2-Dichloroethane	5.29		0.5	"	5.00		106	77-120		
Trichloroethene	4.59		0.5	"	5.00		92	79-140		
1,2-Dichloropropane	5.15		0.5	"	5.00		103	82-120		
Dibromomethane	5.53		0.5	"	5.00		111	80-120		
Bromodichloromethane	5.14		0.5	"	5.00		103	80-130		
cis-1,3-Dichloropropene	5.51		0.5	"	5.00		110	81-130		
Toluene	4.84		0.5	"	5.00		97	83-120		
trans-1,3-Dichloropropene	5.65		0.5	"	5.00		113	80-140		
1,1,2-Trichloroethane	5.59		0.5	"	5.00		112	80-120		
Tetrachloroethene	4.54		0.5	"	5.00		91	80-130		
1,3-Dichloropropane	5.34		0.5	"	5.00		107	78-120		
Chlorodibromomethane	5.32		0.5	"	5.00		106	80-130		
1,2-Dibromoethane (EDB)	5.39		0.5	"	5.00		108	83-120		
Chlorobenzene	4.97		0.5	"	5.00		99	85-120		
1,1,1,2-Tetrachloroethane	5.12		0.5	"	5.00		102	82-130		
Ethylbenzene	4.98		0.5	"	5.00		100	83-120		
m&p-Xylene	9.90		1.0	"	10.0		99	82-120		
o-Xylene	5.18		0.5	"	5.00		104	83-130		
Styrene	5.32		0.5	"	5.00		106	84-120		
Bromoform	5.42		0.5	"	5.00		108	72-140		
Isopropylbenzene	4.87		0.5	"	5.00		97	83-130		
Bromobenzene	5.19		0.5	"	5.00		104	84-120		
1,1,2,2-Tetrachloroethane	5.69		0.5	"	5.00		114	80-120		
1,2,3-Trichloropropane	5.61		0.5	"	5.00		112	79-130		
Propylbenzene	4.86		0.5	"	5.00		97	83-130		
2-Chlorotoluene	4.95		0.5	"	5.00		99	84-120		
4-Chlorotoluene	5.01		0.5	"	5.00		100	85-120		
1,3,5-Trimethylbenzene	4.92		0.5	"	5.00		98	84-120		
tert-Butylbenzene	4.84		0.5	"	5.00		97	83-130		
1,2,4-Trimethylbenzene	5.05		0.5	"	5.00		101	86-120		
sec-Butylbenzene	4.76		0.5	"	5.00		95	81-130		
1,3-Dichlorobenzene	5.10		0.5	"	5.00		102	83-120		
p-Isopropyltoluene	4.78		0.5	"	5.00		96	83-130		
1,4-Dichlorobenzene	5.13		0.5	"	5.00		103	79-120		
1,2-Dichlorobenzene	5.20		0.5	"	5.00		104	80-120		
Butylbenzene	4.85		0.5	"	5.00		97	83-130		
1,2-Dibromo-3-chloropropane	24.2		2.0	"	20.0		121	64-131		
1,2,4-Trichlorobenzene	5.84		0.5	"	5.00		117	74-140		
Hexachlorobutadiene	4.78		0.5	"	5.00		96	76-130		
Naphthalene	6.88		0.5	"	5.00		138	64-150		
1,2,3-Trichlorobenzene	6.39		0.5	"	5.00		128	58-150		
Surrogate: 1,2-Dichloroethane-d4	*5.12*			"	*5.00*		*102*	*76-130*		
Surrogate: Toluene-d8	*4.97*			"	*5.00*		*99*	*83-120*		
Surrogate: 4-Bromofluorobenzene	*5.04*			"	*5.00*		*101*	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.12*			"	*5.00*		*102*	*69-120*		

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A	
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03	
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**		

Quality Control

Prepared & Analyzed: 05/24/07

Batch B7E0130 - - General VOA - VOCs Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Matrix Spike (B7E0130-MS1) **Source: 0705037-02RE2**

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	5.54		0.5	ug/L	5.00	ND	111	25-135		
Chloromethane	4.99		0.5	"	5.00	ND	100	47-140		
Vinyl chloride	5.51		0.5	"	5.00	ND	110	43-150		
Bromomethane	6.52		0.5	"	5.00	ND	130	38-160		
Chloroethane	5.30		0.5	"	5.00	ND	106	59-140		
Trichlorofluoromethane	Not Reported	C2, Q10	0.5	"	5.00	49.9	182	44-170		
1,1-Dichloroethene	Not Reported	Q10, C2	0.5	"	5.00	118	140	33-160		
1,1,2-Trichloro-1,2,2-trifluoroethane	Not Reported	C2, Q10	0.5	"	5.00	133	280	38-140		
Acetone	74.0	Q4	4.0	"	40.0	ND	185	46-140		
Dichloromethane	5.00		0.5	"	5.00	ND	100	56-120		
trans-1,2-Dichloroethene	6.66		0.5	"	5.00	0.835	116	59-130		
tert-Butyl methyl ether (MTBE)	22.5		2.0	"	20.0	ND	112	50-140		
1,1-Dichloroethane	6.07		0.5	"	5.00	0.721	107	47-160		
2,2-Dichloropropane	4.44		0.5	"	5.00	ND	89	25-150		
cis-1,2-Dichloroethene	15.6		0.5	"	5.00	9.28	126	55-140		
2-Butanone (MEK)	42.9		4.0	"	40.0	ND	107	43-150		
Bromochloromethane	5.78		0.5	"	5.00	ND	116	56-140		
Chloroform	Not Reported	C2, Q10	0.5	"	5.00	45.2	122	30-170		
1,1,1-Trichloroethane	6.07		0.5	"	5.00	ND	121	36-150		
Carbon tetrachloride	6.20		0.5	"	5.00	ND	124	31-160		
1,1-Dichloropropene	6.11		0.5	"	5.00	ND	122	50-150		
Benzene	5.87		0.5	"	5.00	ND	117	74-122		
1,2-Dichloroethane	11.4		0.5	"	5.00	5.69	114	69-140		
Trichloroethene	Not Reported	C2, Q10	0.5	"	5.00	142	NR	47-160		
1,2-Dichloropropane	5.95		0.5	"	5.00	ND	119	30-190		
Dibromomethane	6.41	Q4	0.5	"	5.00	ND	128	77-120		
Bromodichloromethane	6.94		0.5	"	5.00	0.844	122	87-130		
cis-1,3-Dichloropropene	6.21		0.5	"	5.00	ND	124	67-138		
Toluene	5.65		0.5	"	5.00	ND	113	68-120		
trans-1,3-Dichloropropene	5.95		0.5	"	5.00	ND	119	65-150		
1,1,2-Trichloroethane	6.01		0.5	"	5.00	ND	120	74-131		
Tetrachloroethene	Not Reported	C2, Q10	0.5	"	5.00	197	NR	41-150		
1,3-Dichloropropane	5.72		0.5	"	5.00	ND	114	67-130		
Chlorodibromomethane	7.91		0.5	"	5.00	1.41	130	62-140		
1,2-Dibromoethane (EDB)	5.83		0.5	"	5.00	ND	117	73-130		
Chlorobenzene	5.66		0.5	"	5.00	ND	113	75-120		
1,1,1,2-Tetrachloroethane	5.96		0.5	"	5.00	ND	119	71-130		
Ethylbenzene	5.96		0.5	"	5.00	ND	119	63-140		
m&p-Xylene	11.7		1.0	"	10.0	ND	117	67-130		
o-Xylene	5.95		0.5	"	5.00	ND	119	71-140		
Styrene	5.17		0.5	"	5.00	ND	103	20-170		
Bromoform	7.39		0.5	"	5.00	0.821	131	43-160		

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A	
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03	
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**		

Quality Control

Prepared & Analyzed: 05/24/07

Batch B7E0130 - - General VOA - VOCs Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (B7E0130-MS1)		**Source: 0705037-02RE2**								
Isopropylbenzene	5.96		0.5	"	5.00	ND	119	61-150		
Bromobenzene	5.72		0.5	"	5.00	ND	114	77-120		
1,1,2,2-Tetrachloroethane	5.89		0.5	"	5.00	ND	118	70-130		
1,2,3-Trichloropropane	5.74		0.5	"	5.00	ND	115	63-140		
Propylbenzene	5.92		0.5	"	5.00	ND	118	59-140		
2-Chlorotoluene	5.70		0.5	"	5.00	ND	114	76-130		
4-Chlorotoluene	5.74		0.5	"	5.00	ND	115	77-130		
1,3,5-Trimethylbenzene	5.84		0.5	"	5.00	ND	117	68-140		
tert-Butylbenzene	5.89		0.5	"	5.00	ND	118	61-150		
1,2,4-Trimethylbenzene	5.89		0.5	"	5.00	ND	118	67-140		
sec-Butylbenzene	5.89		0.5	"	5.00	ND	118	54-150		
1,3-Dichlorobenzene	5.59		0.5	"	5.00	ND	112	77-120		
p-Isopropyltoluene	5.76		0.5	"	5.00	ND	115	58-150		
1,4-Dichlorobenzene	5.56		0.5	"	5.00	ND	111	76-120		
1,2-Dichlorobenzene	5.58		0.5	"	5.00	ND	112	69-130		
Butylbenzene	5.92		0.5	"	5.00	ND	118	57-140		
1,2-Dibromo-3-chloropropane	23.0		2.0	"	20.0	ND	115	54-143		
1,2,4-Trichlorobenzene	5.86		0.5	"	5.00	ND	117	66-130		
Hexachlorobutadiene	5.76		0.5	"	5.00	ND	115	46-140		
Naphthalene	6.22		0.5	"	5.00	ND	124	52-160		
1,2,3-Trichlorobenzene	5.90		0.5	"	5.00	ND	118	64-130		
Surrogate: 1,2-Dichloroethane-d4	*5.08*			"	*5.00*		*102*	*76-130*		
Surrogate: Toluene-d8	*4.89*			"	*5.00*		*98*	*83-120*		
Surrogate: 4-Bromofluorobenzene	*4.94*			"	*5.00*		*99*	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.02*			"	*5.00*		*100*	*69-120*		
Matrix Spike Dup (B7E0130-MSD1)		**Source: 0705037-02RE2**								
Dichlorodifluoromethane	5.22		0.5	ug/L	5.00	ND	104	25-135	6	20
Chloromethane	4.80		0.5	"	5.00	ND	96	47-140	4	20
Vinyl chloride	5.45		0.5	"	5.00	ND	109	43-150	1	20
Bromomethane	6.15		0.5	"	5.00	ND	123	38-160	6	20
Chloroethane	5.11		0.5	"	5.00	ND	102	59-140	4	20
Trichlorofluoromethane	Not Reported	C2, Q10	0.5	"	5.00	49.9	100	44-170	7	20
1,1-Dichloroethene	Not Reported	C2, Q10	0.5	"	5.00	118	60	33-160	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	Not Reported	C2, Q10	0.5	"	5.00	133	180	38-140	3	20
Acetone	71.7	Q4	4.0	"	40.0	ND	179	46-140	3	20
Dichloromethane	4.84		0.5	"	5.00	ND	97	56-120	3	20
trans-1,2-Dichloroethene	6.47		0.5	"	5.00	0.835	113	59-130	3	20
tert-Butyl methyl ether (MTBE)	22.2		2.0	"	20.0	ND	111	50-140	1	20
1,1-Dichloroethane	6.15		0.5	"	5.00	0.721	109	47-160	1	20
2,2-Dichloropropane	4.56		0.5	"	5.00	ND	91	25-150	3	20
cis-1,2-Dichloroethene	14.9		0.5	"	5.00	9.28	112	55-140	5	20
2-Butanone (MEK)	42.4		4.0	"	40.0	ND	106	43-150	1	20
Bromochloromethane	5.59		0.5	"	5.00	ND	112	56-140	3	20

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**	

Quality Control

Prepared & Analyzed: 05/24/07

Batch B7E0130 - - General VOA - VOCs Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Matrix Spike Dup (B7E0130-MSD1) **Source: 0705037-02RE2**

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Chloroform	Not Reported	C2, Q10	0.5	"	5.00	45.2	64	30-170	6	20
1,1,1-Trichloroethane	5.86		0.5	"	5.00	ND	117	36-150	4	20
Carbon tetrachloride	5.90		0.5	"	5.00	ND	118	31-160	5	20
1,1-Dichloropropene	5.96		0.5	"	5.00	ND	119	50-150	2	20
Benzene	5.71		0.5	"	5.00	ND	114	74-122	3	20
1,2-Dichloroethane	11.1		0.5	"	5.00	5.69	108	69-140	3	20
Trichloroethene	Not Reported	C2, Q10	0.5	"	5.00	142	NR	47-160	3	20
1,2-Dichloropropane	5.92		0.5	"	5.00	ND	118	30-190	0.5	20
Dibromomethane	6.29	Q4	0.5	"	5.00	ND	126	77-120	2	20
Bromodichloromethane	6.62		0.5	"	5.00	0.844	116	87-130	5	20
cis-1,3-Dichloropropene	6.25		0.5	"	5.00	ND	125	67-138	0.6	20
Toluene	5.51		0.5	"	5.00	ND	110	68-120	3	20
trans-1,3-Dichloropropene	5.88		0.5	"	5.00	ND	118	65-150	1	20
1,1,2-Trichloroethane	5.78		0.5	"	5.00	ND	116	74-131	4	20
Tetrachloroethene	Not Reported	Q10, C2	0.5	"	5.00	197	NR	41-150	2	20
1,3-Dichloropropane	5.59		0.5	"	5.00	ND	112	67-130	2	20
Chlorodibromomethane	7.58		0.5	"	5.00	1.41	123	62-140	4	20
1,2-Dibromoethane (EDB)	5.66		0.5	"	5.00	ND	113	73-130	3	20
Chlorobenzene	5.46		0.5	"	5.00	ND	109	75-120	4	20
1,1,1,2-Tetrachloroethane	5.68		0.5	"	5.00	ND	114	71-130	5	20
Ethylbenzene	5.74		0.5	"	5.00	ND	115	63-140	4	20
m&p-Xylene	11.3		1.0	"	10.0	ND	113	67-130	3	20
o-Xylene	5.76		0.5	"	5.00	ND	115	71-140	3	20
Styrene	4.80		0.5	"	5.00	ND	96	20-170	7	20
Bromoform	7.14		0.5	"	5.00	0.821	126	43-160	3	20
Isopropylbenzene	5.71		0.5	"	5.00	ND	114	61-150	4	20
Bromobenzene	5.57		0.5	"	5.00	ND	111	77-120	3	20
1,1,2,2-Tetrachloroethane	5.75		0.5	"	5.00	ND	115	70-130	2	20
1,2,3-Trichloropropane	5.53		0.5	"	5.00	ND	111	63-140	4	20
Propylbenzene	5.68		0.5	"	5.00	ND	114	59-140	4	20
2-Chlorotoluene	5.44		0.5	"	5.00	ND	109	76-130	5	20
4-Chlorotoluene	5.53		0.5	"	5.00	ND	111	77-130	4	20
1,3,5-Trimethylbenzene	5.57		0.5	"	5.00	ND	111	68-140	5	20
tert-Butylbenzene	5.66		0.5	"	5.00	ND	113	61-150	4	20
1,2,4-Trimethylbenzene	5.61		0.5	"	5.00	ND	112	67-140	5	20
sec-Butylbenzene	5.69		0.5	"	5.00	ND	114	54-150	3	20
1,3-Dichlorobenzene	5.39		0.5	"	5.00	ND	108	77-120	4	20
p-Isopropyltoluene	5.50		0.5	"	5.00	ND	110	58-150	5	20
1,4-Dichlorobenzene	5.34		0.5	"	5.00	ND	107	76-120	4	20
1,2-Dichlorobenzene	5.34		0.5	"	5.00	ND	107	69-130	4	20
Butylbenzene	5.69		0.5	"	5.00	ND	114	57-140	4	20
1,2-Dibromo-3-chloropropane	23.0		2.0	"	20.0	ND	115	54-143	0	20
1,2,4-Trichlorobenzene	5.90		0.5	"	5.00	ND	118	66-130	0.7	20
Hexachlorobutadiene	5.62		0.5	"	5.00	ND	112	46-140	2	20

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
										Prepared & Analyzed: 05/24/07
Batch B7E0130 - - General VOA - VOCs										Volatile Organic Compounds by EPA Method 524.2 - Quality Control
Matrix Spike Dup (B7E0130-MSD1)		**Source: 0705037-02RE2**								
Naphthalene	6.78		0.5	"	5.00	ND	136	52-160	9	20
1,2,3-Trichlorobenzene	6.00		0.5	"	5.00	ND	120	64-130	2	20
Surrogate: 1,2-Dichloroethane-d4	*5.00*			"	*5.00*		*100*	*76-130*		
Surrogate: Toluene-d8	*4.94*			"	*5.00*		*99*	*83-120*		
Surrogate: 4-Bromofluorobenzene	*4.88*			"	*5.00*		*98*	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*4.88*			"	*5.00*		*98*	*69-120*		

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

Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07143A
Project Number: R07S52	**75 Hawthorne Street**	**Reported:** 06/04/07 17:03
Project: Omega Chemical OU2 Post Well Development Sampling	**San Francisco CA, 94105**	

Qualifiers and Comments

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.
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.
NR	Not Reported
N TIC	Tentatively Idenitified Compound - This compound was identified only by match with mass spectral library. Identification and quantitation should be considered tentative and presumptive.
J	The reported result for this analyte should be considered an estimated value.
C3	The initial calibration for this analyte did not meet calibration 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.
U	Not Detected
NR	Not Reported