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United States Environmental Protection Agency
Region 9 Laboratory

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

MAR 29 2007

Subject: **Analytical Testing Results - Project R07S28**
SDG: 07080B

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 Winter 2007 IDW Profiling** 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:**	07080B
Project Number:	R07S28	**75 Hawthorne Street**		**Reported:**	03/29/07 10:50
Project:	Omega Chemical OU2 Winter 2007 IDW Profiling	**San Francisco CA, 94105**			

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
OC2-HPIDW-W-0-446	0703050-01	Water	03/20/07 13:00	03/21/07 09:40

VOC Analysis: Low internal standard areas were noted for internal standard #1 for sample 0703050-01 and its associated MS/MSD spikes. Acceptable internal standard recoveries were noted for other samples and QC samples that were analyzed in the same sequence. Since the same pattern was noted for the sample/MS/MSD, it is assumed that the low recovery was caused by matrix interference. The sample data were flagged accordingly.

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Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07080B
Project Number: R07S28	**75 Hawthorne Street**	**Reported:** 03/29/07 10:50
Project: Omega Chemical OU2 Winter 2007 IDW Profiling	**San Francisco CA, 94105**	

Sample Results

Lab ID: 0703050-01 — Water - Sampled: 03/20/07 13:00

Sample ID: OC2-HPIDW-W-0-446 — Volatile Organic Compounds by EPA Method 524.2

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Dichlorodifluoromethane	**ND**	**C3, J, Q1, Q4, U**	**0.5**	ug/L	B7C0125	03/21/07	03/21/07	524.2/SOP354
Chloromethane	**ND**	**J, Q1, Q4, U**	**0.5**	"	"	"	"	524.2/SOP354
Vinyl chloride	**ND**	**J, Q1, Q4, U**	**0.5**	"	"	"	"	524.2/SOP354
Bromomethane	**ND**	**C3, J, Q1, Q4, U**	**0.5**	"	"	"	"	524.2/SOP354
Chloroethane	**ND**	**J, Q1, Q4, U**	**0.5**	"	"	"	"	524.2/SOP354
Trichlorofluoromethane	**ND**	**J, Q1, Q4, U**	**0.5**	"	"	"	"	524.2/SOP354
1,1-Dichloroethene	**ND**	**J, U, Q1, Q4**	**0.5**	"	"	"	"	524.2/SOP354
1,1,2-Trichloro-1,2,2-trifluoroethane	**ND**	**U, J, Q1, Q4**	**0.5**	"	"	"	"	524.2/SOP354
Acetone	**120**	**J, Q1, Q4**	**4.0**	"	"	"	"	524.2/SOP354
Dichloromethane	**ND**	**J, Q1, Q4, U**	**0.5**	"	"	"	"	524.2/SOP354
trans-1,2-Dichloroethene	**ND**	**J, Q1, Q4, U**	**0.5**	"	"	"	"	524.2/SOP354
tert-Butyl methyl ether (MTBE)	**ND**	**J, Q1, Q4, U**	**2.0**	"	"	"	"	524.2/SOP354
1,1-Dichloroethane	**ND**	**J, U, Q1**	**0.5**	"	"	"	"	524.2/SOP354
2,2-Dichloropropane	**ND**	**J, Q1, U**	**0.5**	"	"	"	"	524.2/SOP354
cis-1,2-Dichloroethene	**ND**	**J, Q1, Q4, U**	**0.5**	"	"	"	"	524.2/SOP354
2-Butanone (MEK)	**10**	**J, Q1, Q4**	**4.0**	"	"	"	"	524.2/SOP354
Bromochloromethane	**ND**	**J, Q1, Q4, U**	**0.5**	"	"	"	"	524.2/SOP354
Chloroform	**ND**	**C1, J, Q1, U**	**0.5**	"	"	"	"	524.2/SOP354
1,1,1-Trichloroethane	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Carbon tetrachloride	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,1-Dichloropropene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Benzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,2-Dichloroethane	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Trichloroethene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,2-Dichloropropane	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Dibromomethane	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Bromodichloromethane	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
cis-1,3-Dichloropropene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Toluene	**0.3**	**C1, J**	**0.5**	"	"	"	"	524.2/SOP354
trans-1,3-Dichloropropene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,1,2-Trichloroethane	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Tetrachloroethene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,3-Dichloropropane	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Chlorodibromomethane	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,2-Dibromoethane (EDB)	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354

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Project Manager:	Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07080B
Project Number:	R07S28	**75 Hawthorne Street**	**Reported:** 03/29/07 10:50
Project:	Omega Chemical OU2 Winter 2007 IDW Profiling	**San Francisco CA, 94105**	

Sample Results

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 0703050-01								Water - Sampled: 03/20/07 13:00
Sample ID: OC2-HPIDW-W-0-446								Volatile Organic Compounds by EPA Method 524.2
Chlorobenzene	**ND**	**U**	**0.5**	ug/L	B7C0125	03/21/07	03/21/07	524.2/SOP354
1,1,1,2-Tetrachloroethane	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Ethylbenzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
m&p-Xylene	**0.7**	**C1, J**	**1.0**	"	"	"	"	524.2/SOP354
o-Xylene	**0.4**	**C1, J**	**0.5**	"	"	"	"	524.2/SOP354
Styrene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Bromoform	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Isopropylbenzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Bromobenzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,1,2,2-Tetrachloroethane	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,2,3-Trichloropropane	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Propylbenzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
2-Chlorotoluene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
4-Chlorotoluene	***ND***	***U***	***0.5***	"	"	"	"	524.2/SOP354
1,3,5-Trimethylbenzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
tert-Butylbenzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,2,4-Trimethylbenzene	**0.4**	**C1, J**	**0.5**	"	"	"	"	524.2/SOP354
sec-Butylbenzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,3-Dichlorobenzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
p-Isopropyltoluene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,4-Dichlorobenzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,2-Dichlorobenzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Butylbenzene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
1,2-Dibromo-3-chloropropane	**ND**	**J, Q3, U**	**2.0**	"	"	"	"	524.2/SOP354
1,2,4-Trichlorobenzene	**ND**	**J, U, Q6**	**0.5**	"	"	"	"	524.2/SOP354
Hexachlorobutadiene	**ND**	**U**	**0.5**	"	"	"	"	524.2/SOP354
Naphthalene	**ND**	**C3, J, Q6, U**	**0.5**	"	"	"	"	524.2/SOP354
1,2,3-Trichlorobenzene	**ND**	**J, U, Q6**	**0.5**	"	"	"	"	524.2/SOP354
Acetaldehyde	**1.0**	**N TIC, J**		"	"	"	"	524.2/SOP354
Surrogate: 1,2-Dichloroethane-d4	*5.21*		*104 %*	*76-130%*	"	"	"	
Surrogate: Toluene-d8	*4.58*		*92 %*	*83-120%*	"	"	"	
Surrogate: 4-Bromofluorobenzene	*4.89*		*98 %*	*74-110%*	"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4	*5.29*		*106 %*	*69-120%*	"	"	"	

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Project Number: R07S28	**75 Hawthorne Street**	**Reported:** 03/29/07 10:50
Project: Omega Chemical OU2 Winter 2007 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Prepared & Analyzed: 03/21/07

Batch B7C0125 - - General VOA - VOCs

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Blank (B7C0125-BLK1)

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	ND	C3, J, U	0.5	ug/L						
Chloromethane	ND	U	0.5	"						
Vinyl chloride	ND	U	0.5	"						
Bromomethane	ND	J, C3, 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	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	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	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	"						
1,1,2,2-Tetrachloroethane	ND	U	0.5	"						

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Project Number:	R07S28	**75 Hawthorne Street**	**Reported:** 03/29/07 10:50
Project:	Omega Chemical OU2 Winter 2007 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Prepared & Analyzed: 03/21/07

Batch B7C0125 - - 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
Blank (B7C0125-BLK1)										
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	J, Q3, 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	*5.09*			"	*5.00*		*102*	*76-130*		
Surrogate: Toluene-d8	*4.69*			"	*5.00*		*94*	*83-120*		
Surrogate: 4-Bromofluorobenzene	*4.53*			"	*5.00*		*91*	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*4.83*			"	*5.00*		*97*	*69-120*		
LCS (B7C0125-BS1)										
Dichlorodifluoromethane	6.19		0.5	ug/L	5.00		124	5.7-180		
Chloromethane	5.73		0.5	"	5.00		115	47-140		
Vinyl chloride	5.94		0.5	"	5.00		119	60-140		
Bromomethane	6.65		0.5	"	5.00		133	50-160		
Chloroethane	5.60		0.5	"	5.00		112	68-140		
Trichlorofluoromethane	6.18		0.5	"	5.00		124	63-150		
1,1-Dichloroethene	6.13		0.5	"	5.00		123	62-140		
1,1,2-Trichloro-1,2,2-trifluoroethane	6.34		0.5	"	5.00		127	53-150		
Acetone	47.6		4.0	"	40.0		119	32-190		
Dichloromethane	5.42		0.5	"	5.00		108	62-120		
trans-1,2-Dichloroethene	5.89		0.5	"	5.00		118	70-140		
tert-Butyl methyl ether (MTBE)	22.8		2.0	"	20.0		114	59-150		
1,1-Dichloroethane	5.88		0.5	"	5.00		118	70-140		
2,2-Dichloropropane	6.77		0.5	"	5.00		135	60-150		
cis-1,2-Dichloroethene	5.96		0.5	"	5.00		119	67-140		
2-Butanone (MEK)	45.3		4.0	"	40.0		113	58-150		
Bromochloromethane	5.73		0.5	"	5.00		115	55-150		
Chloroform	5.80		0.5	"	5.00		116	62-140		
1,1,1-Trichloroethane	5.31		0.5	"	5.00		106	76-140		
Carbon tetrachloride	5.40		0.5	"	5.00		108	62-150		
1,1-Dichloropropene	5.52		0.5	"	5.00		110	75-130		
Benzene	5.18		0.5	"	5.00		104	79-120		

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Project Number: R07S28	**75 Hawthorne Street**	**Reported:** 03/29/07 10:50
Project: Omega Chemical OU2 Winter 2007 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Prepared & Analyzed: 03/21/07

Batch B7C0125 - - General VOA - VOCs Volatile Organic Compounds by EPA Method 524.2 - Quality Control

LCS (B7C0125-BS1)

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,2-Dichloroethane	5.14		0.5	"	5.00		103	77-120		
Trichloroethene	5.20		0.5	"	5.00		104	79-140		
1,2-Dichloropropane	5.24		0.5	"	5.00		105	82-120		
Dibromomethane	5.05		0.5	"	5.00		101	80-120		
Bromodichloromethane	5.25		0.5	"	5.00		105	80-130		
cis-1,3-Dichloropropene	5.38		0.5	"	5.00		108	81-130		
Toluene	4.95		0.5	"	5.00		99	83-120		
trans-1,3-Dichloropropene	5.26		0.5	"	5.00		105	80-140		
1,1,2-Trichloroethane	4.97		0.5	"	5.00		99	80-120		
Tetrachloroethene	5.03		0.5	"	5.00		101	80-130		
1,3-Dichloropropane	4.85		0.5	"	5.00		97	78-120		
Chlorodibromomethane	4.91		0.5	"	5.00		98	80-130		
1,2-Dibromoethane (EDB)	4.89		0.5	"	5.00		98	83-120		
Chlorobenzene	4.86		0.5	"	5.00		97	85-120		
1,1,1,2-Tetrachloroethane	4.83		0.5	"	5.00		97	82-130		
Ethylbenzene	5.04		0.5	"	5.00		101	83-120		
m&p-Xylene	9.90		1.0	"	10.0		99	82-120		
o-Xylene	5.00		0.5	"	5.00		100	83-130		
Styrene	5.02		0.5	"	5.00		100	84-120		
Bromoform	4.78		0.5	"	5.00		96	72-140		
Isopropylbenzene	5.14		0.5	"	5.00		103	83-130		
Bromobenzene	4.80		0.5	"	5.00		96	84-120		
1,1,2,2-Tetrachloroethane	4.68		0.5	"	5.00		94	80-120		
1,2,3-Trichloropropane	4.78		0.5	"	5.00		96	79-130		
Propylbenzene	5.05		0.5	"	5.00		101	83-130		
2-Chlorotoluene	4.84		0.5	"	5.00		97	84-120		
4-Chlorotoluene	4.89		0.5	"	5.00		98	85-120		
1,3,5-Trimethylbenzene	4.95		0.5	"	5.00		99	84-120		
tert-Butylbenzene	5.12		0.5	"	5.00		102	83-130		
1,2,4-Trimethylbenzene	4.92		0.5	"	5.00		98	86-120		
sec-Butylbenzene	5.10		0.5	"	5.00		102	81-130		
1,3-Dichlorobenzene	4.74		0.5	"	5.00		95	83-120		
p-Isopropyltoluene	4.99		0.5	"	5.00		100	83-130		
1,4-Dichlorobenzene	4.68		0.5	"	5.00		94	79-120		
1,2-Dichlorobenzene	4.63		0.5	"	5.00		93	80-120		
Butylbenzene	5.05		0.5	"	5.00		101	83-130		
1,2-Dibromo-3-chloropropane	17.0		2.0	"	20.0		85	64-131		
1,2,4-Trichlorobenzene	4.53		0.5	"	5.00		91	74-140		
Hexachlorobutadiene	4.78		0.5	"	5.00		96	76-130		
Naphthalene	4.50		0.5	"	5.00		90	64-150		
1,2,3-Trichlorobenzene	4.37		0.5	"	5.00		87	58-150		
Surrogate: 1,2-Dichloroethane-d4	*4.97*			"	*5.00*		*99*	*76-130*		
Surrogate: Toluene-d8	*4.84*			"	*5.00*		*97*	*83-120*		
Surrogate: 4-Bromofluorobenzene	*4.95*			"	*5.00*		*99*	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*4.99*			"	*5.00*		*100*	*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:** 07080B
Project Number: R07S28	**75 Hawthorne Street**	**Reported:** 03/29/07 10:50
Project: Omega Chemical OU2 Winter 2007 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Prepared & Analyzed: 03/21/07

Batch B7C0125 - - General VOA - VOCs Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Matrix Spike (B7C0125-MS2) **Source: 0703050-01**

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	8.64	Q4	0.5	ug/L	5.00	ND	173	25-135		
Chloromethane	7.97	Q4	0.5	"	5.00	ND	159	47-140		
Vinyl chloride	8.40	Q4	0.5	"	5.00	ND	168	43-150		
Bromomethane	9.24	Q4	0.5	"	5.00	ND	185	38-160		
Chloroethane	7.44	Q4	0.5	"	5.00	ND	149	59-140		
Trichlorofluoromethane	8.95	Q4	0.5	"	5.00	ND	179	44-170		
1,1-Dichloroethene	8.31	Q4	0.5	"	5.00	ND	166	33-160		
1,1,2-Trichloro-1,2,2-trifluoroethane	8.93	Q4	0.5	"	5.00	ND	179	38-140		
Acetone	182	Q4	4.0	"	40.0	117	162	46-140		
Dichloromethane	7.20	Q4	0.5	"	5.00	ND	144	56-120		
trans-1,2-Dichloroethene	7.94	Q4	0.5	"	5.00	ND	159	59-130		
tert-Butyl methyl ether (MTBE)	30.1	Q4	2.0	"	20.0	ND	150	50-140		
1,1-Dichloroethane	7.90		0.5	"	5.00	ND	158	47-160		
2,2-Dichloropropane	6.70		0.5	"	5.00	ND	134	25-150		
cis-1,2-Dichloroethene	7.88	Q4	0.5	"	5.00	ND	158	55-140		
2-Butanone (MEK)	72.7	Q4	4.0	"	40.0	10.1	157	43-150		
Bromochloromethane	7.55	Q4	0.5	"	5.00	ND	151	56-140		
Chloroform	7.91		0.5	"	5.00	ND	158	30-170		
1,1,1-Trichloroethane	5.96		0.5	"	5.00	ND	119	36-150		
Carbon tetrachloride	6.24		0.5	"	5.00	ND	125	31-160		
1,1-Dichloropropene	6.27		0.5	"	5.00	ND	125	50-150		
Benzene	5.79		0.5	"	5.00	ND	116	74-122		
1,2-Dichloroethane	5.65		0.5	"	5.00	ND	113	69-140		
Trichloroethene	5.84		0.5	"	5.00	ND	117	47-160		
1,2-Dichloropropane	5.83		0.5	"	5.00	ND	117	30-190		
Dibromomethane	5.58		0.5	"	5.00	ND	112	77-120		
Bromodichloromethane	5.65		0.5	"	5.00	ND	113	87-130		
cis-1,3-Dichloropropene	5.61		0.5	"	5.00	ND	112	67-138		
Toluene	5.14		0.5	"	5.00	0.297	97	68-120		
trans-1,3-Dichloropropene	4.84		0.5	"	5.00	ND	97	65-150		
1,1,2-Trichloroethane	4.90		0.5	"	5.00	ND	98	74-131		
Tetrachloroethene	5.20		0.5	"	5.00	ND	104	41-150		
1,3-Dichloropropane	4.69		0.5	"	5.00	ND	94	67-130		
Chlorodibromomethane	4.74		0.5	"	5.00	ND	95	62-140		
1,2-Dibromoethane (EDB)	4.88		0.5	"	5.00	ND	98	73-130		
Chlorobenzene	4.81		0.5	"	5.00	ND	96	75-120		
1,1,1,2-Tetrachloroethane	4.74		0.5	"	5.00	ND	95	71-130		
Ethylbenzene	5.26		0.5	"	5.00	ND	105	63-140		
m&p-Xylene	11.0		1.0	"	10.0	0.686	103	67-130		
o-Xylene	5.67		0.5	"	5.00	0.438	105	71-140		
Styrene	4.64		0.5	"	5.00	ND	93	20-170		
Bromoform	4.63		0.5	"	5.00	ND	93	43-160		
Isopropylbenzene	5.29		0.5	"	5.00	ND	106	61-150		
Bromobenzene	4.86		0.5	"	5.00	ND	97	77-120		
1,1,2,2-Tetrachloroethane	4.60		0.5	"	5.00	ND	92	70-130		
1,2,3-Trichloropropane	4.62		0.5	"	5.00	ND	92	63-140		

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Project Manager: Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07080B
Project Number: R07S28	**75 Hawthorne Street**	**Reported:** 03/29/07 10:50
Project: Omega Chemical OU2 Winter 2007 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Prepared & Analyzed: 03/21/07

Batch B7C0125 - - 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 (B7C0125-MS2)		**Source: 0703050-01**								
Propylbenzene	5.19		0.5	"	5.00	ND	104	59-140		
2-Chlorotoluene	4.94		0.5	"	5.00	ND	99	76-130		
4-Chlorotoluene	4.94		0.5	"	5.00	ND	99	77-130		
1,3,5-Trimethylbenzene	5.22		0.5	"	5.00	ND	104	68-140		
tert-Butylbenzene	5.22		0.5	"	5.00	ND	104	61-150		
1,2,4-Trimethylbenzene	5.61		0.5	"	5.00	0.407	104	67-140		
sec-Butylbenzene	5.23		0.5	"	5.00	ND	105	54-150		
1,3-Dichlorobenzene	4.84		0.5	"	5.00	ND	97	77-120		
p-Isopropyltoluene	5.04		0.5	"	5.00	ND	101	58-150		
1,4-Dichlorobenzene	4.70		0.5	"	5.00	ND	94	76-120		
1,2-Dichlorobenzene	4.73		0.5	"	5.00	ND	95	69-130		
Butylbenzene	5.22		0.5	"	5.00	ND	104	57-140		
1,2-Dibromo-3-chloropropane	19.0		2.0	"	20.0	ND	95	54-143		
1,2,4-Trichlorobenzene	4.76	Q6	0.5	"	5.00	ND	95	66-130		
Hexachlorobutadiene	4.87		0.5	"	5.00	ND	97	46-140		
Naphthalene	5.11	Q6	0.5	"	5.00	ND	102	52-160		
1,2,3-Trichlorobenzene	4.54	Q6	0.5	"	5.00	ND	91	64-130		
Surrogate: 1,2-Dichloroethane-d4	*5.24*			"	*5.00*		*105*	*76-130*		
Surrogate: Toluene-d8	*4.63*			"	*5.00*		*93*	*83-120*		
Surrogate: 4-Bromofluorobenzene	*5.15*			"	*5.00*		*103*	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.45*			"	*5.00*		*109*	*69-120*		
Matrix Spike Dup (B7C0125-MSD2)		**Source: 0703050-01**								
Dichlorodifluoromethane	9.08	Q4	0.5	ug/L	5.00	ND	182	25-135	5	20
Chloromethane	8.06	Q4	0.5	"	5.00	ND	161	47-140	1	20
Vinyl chloride	8.64	Q4	0.5	"	5.00	ND	173	43-150	3	20
Bromomethane	9.09	Q4	0.5	"	5.00	ND	182	38-160	2	20
Chloroethane	7.26	Q4	0.5	"	5.00	ND	145	59-140	3	20
Trichlorofluoromethane	9.02	Q4	0.5	"	5.00	ND	180	44-170	0.7	20
1,1-Dichloroethene	8.65	Q4	0.5	"	5.00	ND	173	33-160	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	8.87	Q4	0.5	"	5.00	ND	177	38-140	0.6	20
Acetone	191	Q4	4.0	"	40.0	117	187	46-140	5	20
Dichloromethane	7.12	Q4	0.5	"	5.00	ND	142	56-120	1	20
trans-1,2-Dichloroethene	8.12	Q4	0.5	"	5.00	ND	162	59-130	2	20
tert-Butyl methyl ether (MTBE)	31.2	Q4	2.0	"	20.0	ND	156	50-140	3	20
1,1-Dichloroethane	8.00		0.5	"	5.00	ND	160	47-160	1	20
2,2-Dichloropropane	6.56		0.5	"	5.00	ND	131	25-150	2	20
cis-1,2-Dichloroethene	7.90	Q4	0.5	"	5.00	ND	158	55-140	0.3	20
2-Butanone (MEK)	73.9	Q4	4.0	"	40.0	10.1	159	43-150	2	20
Bromochloromethane	7.40	Q4	0.5	"	5.00	ND	148	56-140	2	20
Chloroform	8.06		0.5	"	5.00	ND	161	30-170	2	20
1,1,1-Trichloroethane	6.00		0.5	"	5.00	ND	120	36-150	0.6	20
Carbon tetrachloride	6.16		0.5	"	5.00	ND	123	31-160	1	20
1,1-Dichloropropene	6.27		0.5	"	5.00	ND	125	50-150	0.0	20
Benzene	5.74		0.5	"	5.00	ND	115	74-122	0.9	20
1,2-Dichloroethane	5.71		0.5	"	5.00	ND	114	69-140	1	20

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Project Number: R07S28	**75 Hawthorne Street**	**Reported:** 03/29/07 10:50
Project: Omega Chemical OU2 Winter 2007 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Prepared & Analyzed: 03/21/07

Batch B7C0125 - - General VOA - VOCs Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Matrix Spike Dup (B7C0125-MSD2) **Source: 0703050-01**

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Trichloroethene	5.88		0.5	"	5.00	ND	118	47-160	0.6	20
1,2-Dichloropropane	5.74		0.5	"	5.00	ND	115	30-190	2	20
Dibromomethane	5.48		0.5	"	5.00	ND	110	77-120	2	20
Bromodichloromethane	5.78		0.5	"	5.00	ND	116	87-130	2	20
cis-1,3-Dichloropropene	5.58		0.5	"	5.00	ND	112	67-138	0.6	20
Toluene	5.28		0.5	"	5.00	0.297	100	68-120	3	20
trans-1,3-Dichloropropene	4.94		0.5	"	5.00	ND	99	65-150	2	20
1,1,2-Trichloroethane	5.05		0.5	"	5.00	ND	101	74-131	3	20
Tetrachloroethene	5.02		0.5	"	5.00	ND	100	41-150	3	20
1,3-Dichloropropane	4.71		0.5	"	5.00	ND	94	67-130	0.3	20
Chlorodibromomethane	4.93		0.5	"	5.00	ND	99	62-140	4	20
1,2-Dibromoethane (EDB)	5.03		0.5	"	5.00	ND	101	73-130	3	20
Chlorobenzene	4.93		0.5	"	5.00	ND	99	75-120	2	20
1,1,1,2-Tetrachloroethane	4.95		0.5	"	5.00	ND	99	71-130	4	20
Ethylbenzene	5.28		0.5	"	5.00	ND	106	63-140	0.5	20
m&p-Xylene	10.9		1.0	"	10.0	0.686	103	67-130	0.6	20
o-Xylene	5.81		0.5	"	5.00	0.438	107	71-140	2	20
Styrene	4.74		0.5	"	5.00	ND	95	20-170	2	20
Bromoform	4.92		0.5	"	5.00	ND	98	43-160	6	20
Isopropylbenzene	5.29		0.5	"	5.00	ND	106	61-150	0.0	20
Bromobenzene	5.01		0.5	"	5.00	ND	100	77-120	3	20
1,1,2,2-Tetrachloroethane	5.21		0.5	"	5.00	ND	104	70-130	12	20
1,2,3-Trichloropropane	5.29		0.5	"	5.00	ND	106	63-140	13	20
Propylbenzene	5.24		0.5	"	5.00	ND	105	59-140	0.9	20
2-Chlorotoluene	5.08		0.5	"	5.00	ND	102	76-130	3	20
4-Chlorotoluene	5.05		0.5	"	5.00	ND	101	77-130	2	20
1,3,5-Trimethylbenzene	5.29		0.5	"	5.00	ND	106	68-140	1	20
tert-Butylbenzene	5.26		0.5	"	5.00	ND	105	61-150	0.8	20
1,2,4-Trimethylbenzene	5.72		0.5	"	5.00	0.407	106	67-140	2	20
sec-Butylbenzene	5.27		0.5	"	5.00	ND	105	54-150	0.7	20
1,3-Dichlorobenzene	5.01		0.5	"	5.00	ND	100	77-120	3	20
p-Isopropyltoluene	5.10		0.5	"	5.00	ND	102	58-150	1	20
1,4-Dichlorobenzene	4.89		0.5	"	5.00	ND	98	76-120	4	20
1,2-Dichlorobenzene	5.06		0.5	"	5.00	ND	101	69-130	7	20
Butylbenzene	5.25		0.5	"	5.00	ND	105	57-140	0.6	20
1,2-Dibromo-3-chloropropane	22.9		2.0	"	20.0	ND	115	54-143	18	20
1,2,4-Trichlorobenzene	5.85	Q6	0.5	"	5.00	ND	117	66-130	21	20
Hexachlorobutadiene	5.24		0.5	"	5.00	ND	105	46-140	7	20
Naphthalene	7.48	Q6	0.5	"	5.00	ND	150	52-160	38	20
1,2,3-Trichlorobenzene	6.41	Q6	0.5	"	5.00	ND	128	64-130	34	20
Surrogate: 1,2-Dichloroethane-d4	*4.99*			"	*5.00*		*100*	*76-130*		
Surrogate: Toluene-d8	*4.60*			"	*5.00*		*92*	*83-120*		
Surrogate: 4-Bromofluorobenzene	*5.25*			"	*5.00*		*105*	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.46*			"	*5.00*		*109*	*69-120*		

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Project Manager:	Chris Lichens	**Site Cleanup Section 4**	**SDG:** 07080B
Project Number:	R07S28	**75 Hawthorne Street**	**Reported:** 03/29/07 10:50
Project:	Omega Chemical OU2 Winter 2007 IDW Profiling	**San Francisco CA, 94105**	

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.
Q1	The internal standard associated with this analyte did not meet area count criteria.
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.
C1	The reported concentration for this analyte is below the quantitation limit.
U	Not Detected
NR	Not Reported