Laboratory Report

CH2M Hill

EPA R9R2 TO038 Omega OU2

ARF 67650

Samples collected: April 24 & 30, 2012

APPL, Inc.

Data Validation Package

for

EPA R9R2 TO038 Omega OU2

ARF 67650

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CASE NARRATIVE

908 North Temperance Ave. ∇ Clovis, CA 93611 ∇ Phone 559-275-2175 ∇ Fax 559-275-4422

Case Narrative

ARF: 67650

Project: EPA R9R2 TO038 OMEGA OU2

California State Certification Number: CA1312 (DW & WW)

NELAP Certification number: 05233CA (HW)

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sample Receipt Information:

Eleven soil samples were received on May 2, 2012, at 3.5°C. The samples were assigned Analytical Request Form (ARF) number 67650. The sample numbers and requested analysis were compared to the chain of custody. No exception was encountered.

Sample Table

CLIENT ID	APPL ID	Matrix	Date Sampled	Date Received
MW-32-100	AY60352	SOIL	04/24/12	05/02/12
MW-32-115	AY60353	SOIL	04/30/12	05/02/12
MW-32-1161	AY60354	SOIL	04/30/12	05/02/12
MW-32-128	AY60355	SOIL	04/30/12	05/02/12
MW-32-143	AY60356	SOIL	04/30/12	05/02/12
MW-32-161	AY60357	SOIL	04/30/12	05/02/12
MW-32-182	AY60358	SOIL	04/30/12	05/02/12
MW-32-204	AY60359	SOIL	04/30/12	05/02/12
MW-32-213	AY60360	SOIL	04/30/12	05/02/12
MW-32-216	AY60361	SOIL	04/30/12	05/02/12
MW-32-229	AY60362	SOIL	04/30/12	05/02/12

The samples were screened for J-values down to the MDL.

Walkley Black

Total Organic Carbon

Sample Preparation:

The soil samples were prepared according to the method.

Sample Analysis Information:

The samples were analyzed according to the method. All holding times were met.

Quality Control/Assurance

Calibrations:

Initial and continuing calibrations were performed according to the method. The initial calibration verification is prepared from a second source standard.

Blanks:

No target analyte was detected at or above one-half the reporting limit in the method blanks.

Spikes:

Laboratory Control Spike (LCS) and matrix spikes (MS/MSD) were used for quality assurance. All LCS acceptance criteria were met.

Sample MW-32-100 was designated by the laboratory for MS/MSD analysis. All MS/MSD recoveries met acceptance criteria.

Summary:

No analytical exception was noted. All data are acceptable.

CERTIFICATION

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC. Release of the hard copy has been authorized by the Laboratory Manager or her designee, as verified by the following signature.

5-25-12

Sharon Dehmlow, Laboratory Director / Date

CHAIN OF CUSTODY

AND ARF

APPL - Analysis Request Form

67650

Client: CH2M Hill
Address: 6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707
Attn: Tom Perina
Phone: 714-429-2000 Fax: 714-429-2050
Job: EPA R9R2 TO038 OMEGA OU2
PO #: 948923
Chain of Custody (Y/N): Y # 42463
RAD Screen (Y/N): Y pH (Y/N): N
Turn Around Type: STD

Received by: TBV
Date Received: 05/02/12 Time: 10:30
Delivered by: FED EX
Shuttle Custody Seals (Y/N): Y Time Zone: -7
Chest Temp(s): 3.5°C
Color: K-PURYELL
Samples Chilled until Placed in Refrig/Freezer: Y
Project Manager: Cynthia Clark
QC Report Type: DVP 4/EXCEL/CA
Due Date: 05/23/12

Comments:
Hard copy and CD to Tom Perina; pdf to aantipas@ch2mhill.com
EDD: excel to tom.perina@, sarah.lopez@, aantipas@ch2mhill.com
Self Calc F1s, J to MDL

Sample Distribution:
Wetlab: 11-$TOC-WB

Charges:

Invoice To:
CH2M HILL
Attn: Accounts Payable
P. O. Box 241329
Denver, CO 80224

	Client ID	APPL ID	Sampled		Analyses Requested
1.	MW-32-100	AY60352S	04/24/12	10:45	$TOC-WB
2.	MW-32-115	AY60353S	04/30/12	15:00	$TOC-WB
3.	MW-32-1161	AY60354S	04/30/12	15:15	$TOC-WB
4.	MW-32-128	AY60355S	04/30/12	15:05	$TOC-WB
5.	MW-32-143	AY60356S	04/30/12	15:10	$TOC-WB
6.	MW-32-161	AY60357S	04/30/12	15:15	$TOC-WB
7.	MW-32-182	AY60358S	04/30/12	15:20	$TOC-WB

Note: All times, excluding sample collection times, are Pacific Time Zone unless noted otherwise. Collection times are in: -7 UTC

8.	MW-32-204	AY60359S	04/30/12	15:25	$TOC-WB
9.	MW-32-213	AY60360S	04/30/12	15:30	$TOC-WB
10.	MW-32-216	AY60361S	04/30/12	15:35	$TOC-WB
11.	MW-32-229	AY60362S	04/30/12	15:40	$TOC-WB

APPL Sample Receipt Form

ARF# **67650**

Sample	Container Type	Count	pH
AY60352	21 8oz Jar	1	NA
AY60353	21 8oz Jar	1	NA
AY60354	21 8oz Jar	1	NA
AY60355	21 8oz Jar	1	NA
AY60356	21 8oz Jar	1	NA
AY60357	21 8oz Jar	1	NA
AY60358	21 8oz Jar	1	NA
AY60359	21 8oz Jar	1	NA
AY60360	21 8oz Jar	1	NA
AY60361	21 8oz Jar	1	NA
AY60362	21 8oz Jar	1	NA

Sample	Container Type	Count	pH

USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case 42463
Client No:
SDG No:
L

67650

Date Shipped:	5/1/2012
Carrier Name:	FedEx
Airbill:	898762781332
Shipped to:	APPL, Inc 908 North Temperance Ave. Clovis CA 93611 (559) 275-2175

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [illegible]	05/01/12 @ 1130	[illegible]	5/2/12 1030
2			
3			
4			

Sampler Signature:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		FOR LAB USE ONLY Sample Condition On Receipt
MW-32-100	Soil/Sediment/ CEM KAMALI	/G	TOC (7)	M6674 (Ice Only) (1)	MW-32-100	S: 4/24/2012	10:45	
MW-32-115	Soil/Sediment/ CEM KAMALI	/G	TOC (7)	M6675 (Ice Only) (1)	MW-32-115	S: 4/30/2012	15:00	
MW-32-1161	Soil/Sediment/ CEM KAMALI	/G	TOC (7)	M6679 (Ice Only) (1)	MW-32-1161	S: 4/30/2012	15:15	
MW-32-128	Soil/Sediment/ CEM KAMALI	/G	TOC (7)	M6676 (Ice Only) (1)	MW-32-128	S: 4/30/2012	15:05	
MW-32-143	Soil/Sediment/ CEM KAMALI	/G	TOC (7)	M6677 (Ice Only) (1)	MW-32-143	S: 4/30/2012	15:10	
MW-32-161	Soil/Sediment/ CEM KAMALI	/G	TOC (7)	M6678 (Ice Only) (1)	MW-32-161	S: 4/30/2012	15:15	
MW-32-182	Soil/Sediment/ CEM KAMALI	/G	TOC (7)	M6680 (Ice Only) (1)	MW-32-182	S: 4/30/2012	15:20	
MW-32-204	Soil/Sediment/ CEM KAMALI	/G	TOC (7)	M6681 (Ice Only) (1)	MW-32-204	S: 4/30/2012	15:25	
MW-32-213	Soil/Sediment/ CEM KAMALI	/G	TOC (7)	M6682 (Ice Only) (1)	MW-32-213	S: 4/30/2012	15:30	
MW-32-216	Soil/Sediment/ CEM KAMALI	/G	TOC (7)	M6683 (Ice Only) (1)	MW-32-216	S: 4/30/2012	15:35	

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Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ___ Shipment Iced? ___

TOC = Total Organic Carbon

TR Number: 9-173516087-050112-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case 42463
Client No:
SDG No:
L

Date Shipped:	5/1/2012
Carrier Name:	FedEx
Airbill:	898762781332
Shipped to:	APPL, Inc 908 North Temperance Ave. Clovis CA 93611 (559) 275-2175

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [illegible]	05/01/12 @ 1130	[illegible]	5/2/12 1030
2			
3			
4			

Sampler Signature:

For Lab Use Only

Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
MW-32-229	Soil/Sediment/ CEM KAMALI	/G	TOC (7)	M6684 (Ice Only) (1)	MW-32-229	S: 4/30/2012 15:40	

12

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: TOC = Total Organic Carbon	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ___	Shipment Iced? ___

TR Number: 9-173516087-050112-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

COOLER RECEIPT FORM

1) Project: 396749.10.03.06 Santa Clarita Date Received: 5.2.12

2) Coolers: Number of Coolers: 1

3) YES NO Were coolers and samples screened for radioactivity?

4) YES NO Were custody seals on outside of cooler? How many? 2 Date on seal? 5/1/12

5) Name on seal? See Below

6) YES NO NA Were custody seals unbroken and intact at the time of arrival?

7) YES NO Did the cooler come with a shipping slip (air bill, etc.)? Carrier name: Fed Ex

8) Shipping slip numbers: 1) 8987 6278 1332 2) 3)

9) YES NO NA Was the shipping slip scanned into the database?

10) YES NO NA If cooler belongs to APPL, has it been logged into the ice chest database?

11) Describe type of packing in cooler (bubble wrap, popcorn, type of ice, etc.): Bubble wrap, Ziploc in wet ice

12) YES NO NA For hand delivered samples was sufficient ice present to start the cooling process?

13) YES NO Was a temperature blank included in the cooler?

14) Serial number of certified NIST thermometer used: A39267 Correction factor: Ø

15) Cooler temp(s): 1) 3.5°C 2) 3) 4) 5) 6) 7) 8)

Chain of custody:

16) YES NO Was a chain of custody received?

17) YES NO Were the custody papers signed in the appropriate places?

18) YES NO Was the project identifiable from custody papers?

19) YES NO Did the chain of custody include date and time of sampling?

20) YES NO Is location where sample was taken listed on the chain of custody?

Sample Labels:

21) YES NO Were container labels in good condition?

22) YES NO Was the client ID on the label?

23) YES NO Was the date of sampling on the label?

24) YES NO Was the time of sampling on the label?

25) YES NO Did all container labels agree with custody papers?

Sample Containers:

26) YES NO Were all containers sealed in separate bags?

27) YES NO Did all containers arrive unbroken?

28) YES NO Was there any leakage from samples?

29) YES NO Were any of the lids cracked or broken?

30) YES NO Were correct containers used for the tests indicated?

31) YES NO Was a sufficient amount of sample sent for tests indicated?

32) YES NO NA Were bubbles present in volatile samples? If yes, the following were received with air bubbles:

Larger than a pea:

Smaller than a pea:

Preservation & Hold time:

33) YES NO NA Was a sufficient amount of holding time remaining to analyze the samples?

34) YES NO NA Do the sample containers contain the same preservative as what is stated on the COC?

35) YES NO NA Was the pH taken of all non-VOA preserved samples and written on the sample container?

36) YES NO NA Was the pH of acid preserved non-VOA samples < 2 & sodium hydroxide preserved samples > 12?

37) YES NO NA Unpreserved VOA Vials received?

38) YES NO NA Are unpreserved VOA vials noted in the ADD TEST FIELD on the ARF?

SAMPLE NO.	SIGNATURE	PRINT NAME AND TITLE (Inspector, Analyst or Technician)	DATE
	[illegible]	[illegible]	5/1/12
SEAL BROKEN BY			
DATE			

EPA FORM 7500-2(R7-75)

Lab notified if pH was not adequate:

Deficiencies:

Signature of personnel receiving samples: [illegible] Second reviewer:

Signature of project manager notified: Date and Time of notification:

Name of client notified: Date and Time of notification:

Information given to client:

by whom (Initials):

INORGANIC ANALYSIS

APPL, INC.

INORGANIC ANALYSIS
QC Summary

APPL, INC.

WETLAB BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
WalkBlk	TOTAL ORGANIC CARBON	Not detected	200.0	100.00	mg/Kg	05/18/12	05/18/12	TOC-WB-120518A-AY60352
WalkBlk	TOTAL ORGANIC CARBON	Not detected	200.0	100.00	mg/Kg	05/23/12	05/23/12	OC-WB-120523A1-AY60353

Wetlab SC-Blank-REG MDLs
Printed: 05/24/12 3:14:14 PM

Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
WalkBlk	TOTAL ORGANIC CARBON	2000	1820	91.0	80-120	05/18/12	05/18/12	#TOC-WB-120518A-AY60352

Comments: _____

Printed: 05/24/12 3:14:18 PM
APPL Standard LCS

Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
WalkBlk	TOTAL ORGANIC CARBON	2000	1870	93.5	80-120	05/23/12	05/23/12	#TOC-WB-120523A1-AY60353

Comments:

Printed: 05/24/12 3:14:18 PM
APPL Standard LCS

Matrix Spike Recoveries

WETLAB

APPL ID: **120518S-60352 MS - 167223**

Sample ID: AY60352

Client ID: MW-32-100

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Lvl mg/Kg	Matrix Res mg/Kg	SPK Res mg/Kg	DUP Res mg/Kg	SPK % Recovery	DUP % Recovery	RPD	RPD Max	Recovery Limits	Extract Date-Spk	Analysis Date-Spk	Extract Date-Dup	Analysis Date-Dup	QC Group	QC Sample
WalkBlk	TOTAL ORGANIC CAR	2000	3040	5090	5100	103	103	0.20	20	80-120	05/18/12	05/18/12	05/18/12	05/18/12	167223	AY60352

Comments: _____

Printed: 05/24/12 3:14:21 PM
APPL MSD SCII

INORGANIC ANALYSIS
Sample Data

APPL, INC.

Wet Lab Analysis

CH2M Hill
6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Tom Perina

Project: EPA R9R2 TO038 OMEGA OU2

Sample ID: MW-32-100

Sample Collection Date: 04/24/12

APPL ID: AY60352

ARF: 67650

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
WalkBlk	TOTAL ORGANIC CARBON	3040	200.0	100.00	mg/Kg	05/18/12	05/18/12

Printed: 05/24/12 3:14:25 PM

APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

CH2M Hill
6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Tom Perina

Project: EPA R9R2 TO038 OMEGA OU2

Sample ID: MW-32-115

Sample Collection Date: 04/30/12

APPL ID: AY60353

ARF: 67650

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
WalkBlk	TOTAL ORGANIC CARBON	Not detected	200.0	100.00	mg/Kg	05/23/12	05/23/12

Printed: 05/24/12 3:14:25 PM

APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

CH2M Hill
6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Tom Perina

Project: EPA R9R2 TO038 OMEGA OU2

Sample ID: MW-32-1161

Sample Collection Date: 04/30/12

APPL ID: AY60354

ARF: 67650

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
WalkBlk	TOTAL ORGANIC CARBON	2550	200.0	100.00	mg/Kg	05/18/12	05/18/12

Printed: 05/24/12 3:14:25 PM

APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

CH2M Hill
6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Tom Perina

Project: EPA R9R2 TO038 OMEGA OU2

Sample ID: MW-32-128

Sample Collection Date: 04/30/12

APPL ID: AY60355

ARF: 67650

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
WalkBlk	TOTAL ORGANIC CARBON	Not detected	200.0	100.00	mg/Kg	05/23/12	05/23/12

Printed: 05/24/12 3:14:25 PM

APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

CH2M Hill
6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Tom Perina

Project: EPA R9R2 TO038 OMEGA OU2

Sample ID: MW-32-143

Sample Collection Date: 04/30/12

APPL ID: AY60356

ARF: 67650

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
WalkBlk	TOTAL ORGANIC CARBON	1210	200.0	100.00	mg/Kg	05/18/12	05/18/12

Printed: 05/24/12 3:14:25 PM

APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

CH2M Hill
6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Tom Perina

Project: EPA R9R2 TO038 OMEGA OU2

Sample ID: MW-32-161

Sample Collection Date: 04/30/12

APPL ID: AY60357

ARF: 67650

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
WalkBlk	TOTAL ORGANIC CARBON	Not detected	200.0	100.00	mg/Kg	05/18/12	05/18/12

Printed: 05/24/12 3:14:25 PM

APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

CH2M Hill
6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Tom Perina

Project: EPA R9R2 TO038 OMEGA OU2

Sample ID: MW-32-182

Sample Collection Date: 04/30/12

APPL ID: AY60358

ARF: 67650

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
WalkBlk	TOTAL ORGANIC CARBON	Not detected	200.0	100.00	mg/Kg	05/18/12	05/18/12

Printed: 05/24/12 3:14:25 PM

APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

CH2M Hill
6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Tom Perina

Project: EPA R9R2 TO038 OMEGA OU2

Sample ID: MW-32-204

Sample Collection Date: 04/30/12

APPL ID: AY60359

ARF: 67650

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
WalkBlk	TOTAL ORGANIC CARBON	Not detected	200.0	100.00	mg/Kg	05/18/12	05/18/12

Printed: 05/24/12 3:14:25 PM

APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

CH2M Hill
6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Tom Perina

Project: EPA R9R2 TO038 OMEGA OU2

Sample ID: MW-32-213

Sample Collection Date: 04/30/12

APPL ID: AY60360

ARF: 67650

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
WalkBlk	TOTAL ORGANIC CARBON	970	200.0	100.00	mg/Kg	05/18/12	05/18/12

Printed: 05/24/12 3:14:25 PM

APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

CH2M Hill
6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Tom Perina

Project: EPA R9R2 TO038 OMEGA OU2

Sample ID: MW-32-216
Sample Collection Date: 04/30/12

APPL ID: AY60361
ARF: 67650

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
WalkBlk	TOTAL ORGANIC CARBON	Not detected	200.0	100.00	mg/Kg	05/18/12	05/18/12

Printed: 05/24/12 3:14:25 PM

APPL-F1-SC-NoMC-REG MDLs

Wet Lab Analysis

CH2M Hill
6 Hutton Centre Dr. Ste 700
Santa Ana, CA 92707

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Tom Perina

Project: EPA R9R2 TO038 OMEGA OU2

Sample ID: MW-32-229

Sample Collection Date: 04/30/12

APPL ID: AY60362

ARF: 67650

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date
WalkBlk	TOTAL ORGANIC CARBON	Not detected	200.0	100.00	mg/Kg	05/18/12	05/18/12

Printed: 05/24/12 3:14:25 PM

APPL-F1-SC-NoMC-REG MDLs

INORGANIC ANALYSIS
Raw Data

APPL, INC.

WETLAB BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	MDL	Units	Prep Date	Analysis Date	QC Group
WalkBlk	TOTAL ORGANIC CARBON	Not detected	200.0	100.00	mg/Kg	05/18/12	05/18/12	TOC-WB-120518A-AY60352
WalkBlk	TOTAL ORGANIC CARBON	Not detected	200.0	100.00	mg/Kg	05/23/12	05/23/12	OC-WB-120523A1-AY60353

Wetlab SC-Blank-REG MDLs
Printed: 05/24/12 3:14:28 PM

Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
WalkBlk	TOTAL ORGANIC CARBON	2000	1820	91.0	80-120	05/18/12	05/18/12	#TOC-WB-120518A-AY60352

Comments: _____

Printed: 05/24/12 3:14:31 PM
APPL Standard LCS

Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/Kg	SPK Result mg/Kg	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
WalkBlk	TOTAL ORGANIC CARBON	2000	1870	93.5	80-120	05/23/12	05/23/12	#TOC-WB-120523A1-AY60353

Comments: _____

Printed: 05/24/12 3:14:31 PM
APPL Standard LCS

Matrix Spike Recoveries

WETLAB

APPL ID: **120518S-60352 MS - 167223**

Sample ID: AY60352

Client ID: MW-32-100

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Lvl mg/Kg	Matrix Res mg/Kg	SPK Res mg/Kg	DUP Res mg/Kg	SPK % Recovery	DUP % Recovery	RPD	RPD Max	Recovery Limits	Extract Date-Spk	Analysis Date-Spk	Extract Date-Dup	Analysis Date-Dup	QC Group	QC Sample
WalkBlk	TOTAL ORGANIC CAR	2000	3040	5090	5100	103	103	0.20	20	80-120	05/18/12	05/18/12	05/18/12	05/18/12	167223	AY60352

Comments: _____

Printed: 05/24/12 3:14:35 PM
APPL MSD SCII

Walkley Black titration

Date: 05/23/12
Initials: BB
QCG: 120523A

Fe^{2+} Molarity

	Date of Prep	Manufacturer / LOT
FAS	04/13/12	EMD Lot201004215

g FAS	mL water	g/mol FAS
160.00	1000	392.13

	KMnO4	JT BAKER LOT#	K14510
mL FAS standardized	KMnO4 titrated (mL)	KMnO4 Conc. (mol/L)	Molarity Fe^{2+} (mol/mL)
10.00	40.55	0.10	0.0004055

TOC std

Manufacturer	Lot number	Conc (mg/L)
O2SI	1035280-30635	1000

Reagents

	Lot number
Ottawa Sand	48191839-00064
KCrO7	Prep 05/23/12

LA/ MA	TOC STD (mL)	g Ottawa Sand		% C	C (mg/Kg)
LA	1.000	0.5	=	0.200%	2000
MA	1.000	0.5		0.200%	2000

TOC in %

Sample number	**sample (g)**	**titrant (mL)**		**%C**		**Time**
120523A BLK	0.50	26.50	=			14:56
120523ALCS	0.50	25.73	=	0.1869%	93.5%	14:58
AY60353S01	0.50	26.70	=	-0.0486%		15:14
AY60355S01	0.50	27.10	=	-0.1462%		15:16

TOC in mg/Kg

Sample number	**sample (g)**	**titrant (mL)**		**c in mg/kg**		**Time**
120523A BLK	0.502	26.500	=	0.0		14:56
120523ALCS	0.502	25.730	=	1869.1	93.5%	14:58
AY60353S01	0.501	26.700	=	-486.5		15:14
AY60355S01	0.500	27.100	=	-1462.0		15:16

Walkley Black titration

Date: 05/18/12
Initials: BB
QCG: 120518A

Fe^{2+} Molarity

	Date of Prep	Manufacturer / LOT
FAS	04/13/12	EMD Lot201004215

g FAS	mL water	g/mol FAS
160.00	1000	392.13

	KMnO4	JT BAKER LOT#	K14510
mL FAS standardized	KMnO4 titrated (mL)	KMnO4 Conc. (mol/L)	Molarity Fe^{2+} (mol/mL)
10.00	40.55	0.10	0.0004055

TOC std

Manufacturer	Lot number	Conc (mg/L)
O2SI	1035280-30635	1000

Reagents

	Lot number
Ottawa Sand	48191839-00064
KCrO7	Prep 05/18/12

LA/ MA		TOC STD (mL)	g Ottawa Sand		% C	C (mg/Kg)
	LA	1.000	0.5	=	0.200%	2000
	MA	1.000	0.5		0.200%	2000

TOC in %

Sample number	sample (g)	titrant (mL)		%C		Time
120518A BLK	0.50	26.70	=			17:14
120518ALCS	0.50	25.95	=	0.1825%	91.2%	17:15
AY60352S01	0.50	25.45	=	0.3042%		17:18
AY60352S01 ms	0.50	24.60	=	0.5091%	102.45%	17:20
AY60352S01 msd	0.50	24.60	=	0.5096%	102.7%	17:22
AY60354S01	0.50	25.65	=	0.2548%		17:24
AY60356S01	0.50	26.20	=	0.1214%		17:26
AY60357S01	0.50	27.03	=	-0.0800%		17:28
AY60358S01	0.50	27.10	=	-0.0974%		17:30
AY60359S01	0.50	27.40	=	-0.1699%		17:32
AY60360S01	0.50	26.30	=	0.0970%		17:34
AY60361S01	0.50	27.20	=	-0.1212%		17:36
AY60362S01	0.50	27.50		-0.1940%		17:38

TOC in mg/Kg

Sample number	sample (g)	titrant (mL)		c in mg/kg		Time
120518A BLK	0.500	26.700	=	0.0		17:14
120518ALCS	0.501	25.950	=	1824.6	91.2%	17:15
AY59865S01	0.501	24.400	=	5587.6		17:16
AY60352S01	0.500	25.450	=	3041.6		17:18
AY60352S01 ms	0.502	24.600	=	5090.6		17:20
AY60352S01 msd	0.502	24.600	=	5095.6		17:22
AY60354S01	0.502	25.650	=	2547.8		17:24
AY60356S01	0.501	26.200	=	1214.5		17:26
AY60357S01	0.502	27.030	=	-799.9		17:28
AY60358S01	0.500	27.100	=	-973.9		17:30
AY60359S01	0.502	27.400	=	-1699.2		17:32
AY60360S01	0.502	26.300	=	969.8		17:34
AY60361S01	0.503	27.200	=	-1211.6		17:36
AY60362S01	0.502	27.5		-1940.04		17:38

Sample Summary Report

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C20	Lab Code:	A4

Sample Number:	SBLK5P	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :	0			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C20	Lab Code: A4
Sample Number: VBLK3T	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.18	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C20	Lab Code: A4
Sample Number: VBLK3V	Method: VOA_SIM	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C20	Lab Code: A4
Sample Number: VBLK4A	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	R	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.63	ug/L	1.0			Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.22	ug/L	1.0	J	J	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C20	Lab Code: A4
Sample Number: VHBLKAB	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH: 7.0	Sample Date: 05012012	Sample Time: 00:00:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	R	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.15	ug/L	1.0	JB	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Nonanal			1.0	JN		Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C20	Lab Code: A4

Sample Number:	VHBLKAC	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	7.0	Sample Date:	05012012	Sample Time:	00:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C20	Lab Code: A4

Sample Number:	Y8C20	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-230	pH:	2.0	Sample Date:	04302012	Sample Time:	10:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	8.6	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	U	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	0.49	ug/L	1.0	J	J	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.13	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	4.1	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Furan, 2-pentyl-			1.0	JN		Yes	
Total Alkane TICs			1.0	J		Yes	
Hexanal			1.0	JN		Yes	
Nonanal			1.0	JN		Yes	
Pentanal			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C20	Lab Code:	A4
Sample Number:	Y8C20	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-230	pH:	8.6	Sample Date:	04302012	Sample Time:	10:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.50	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C20	Lab Code:	A4
Sample Number:	Y8C20	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-230	pH:	2.0	Sample Date:	04302012	Sample Time:	10:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C20	Lab Code:	A4
Sample Number:	Y8C21	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-240	pH:	8.1	Sample Date:	04302012	Sample Time:	13:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.50	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C20	Lab Code:	A4
Sample Number:	Y8C21	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-240	pH:	2.0	Sample Date:	04302012	Sample Time:	13:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C20	Lab Code:	A4
Sample Number:	Y8C21	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-240	pH:	2.0	Sample Date:	04302012	Sample Time:	13:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	R	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	11	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	JB	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.36	ug/L	1.0	J	J	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.80	ug/L	1.0			Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.31	ug/L	1.0	J	J	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	2.2	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.18	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.38	ug/L	1.0	J	J	Yes	
2-Hexanone	5.2	ug/L	1.0			Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Furan, 2-pentyl-			1.0	JN		Yes	
Hexanal			1.0	JN		Yes	
Octanal			1.0	JN		Yes	
Heptanal			1.0	JN		Yes	
Nonanal			1.0	JN		Yes	
Cyclopropane, ethyl-			1.0	JN		Yes	
Pentane			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C20	Lab Code:	A4
Sample Number:	Y8C22	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-250	pH:	2.0	Sample Date:	04302012	Sample Time:	16:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	8.7	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	JB	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.28	ug/L	1.0	J	J	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.74	ug/L	1.0			Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	1.7	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.18	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.39	ug/L	1.0	J	J	Yes	
2-Hexanone	3.4	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Pentanal			1.0	JN		Yes	
Hexanal			1.0	JN		Yes	
Furan, 2-pentyl-			1.0	JN		Yes	
Total Alkane TICs			1.0	J		Yes	
Nonanal			1.0	JN		Yes	
Heptanal			1.0	JN		Yes	
Butanal			1.0	JN		Yes	
2-Octenal, (E)-			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C20	Lab Code:	A4
Sample Number:	Y8C22	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-250	pH:	8.5	Sample Date:	04302012	Sample Time:	16:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.50	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C20	Lab Code:	A4
Sample Number:	Y8C22	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-250	pH:	2.0	Sample Date:	04302012	Sample Time:	16:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Sample Summary Report

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4

Sample Number:	SBLK5I	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :	0			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: SBLK5K	Method: BNA_SIM	Matrix: Water	MA Number: 2103.2
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: SBLK5L	Method: BNA_SIM	Matrix: Water	MA Number: 2103.2
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: SBLK5M	Method: BNA_SIM	Matrix: Water	MA Number: 2103.2
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: VBLK3F	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.50	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.14	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	0.18	ug/L	1.0	J	J	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: VBLK3H	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.16	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	3.4	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: VBLK3J	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.50	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: VBLK3L	Method: VOA_SIM	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: VBLK3N	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.25	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	UJ	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: VBLK3R	Method: VOA_SIM	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: VBLK3T	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.18	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: VHBLKPV	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH: 7.0	Sample Date: 04252012	Sample Time: 00:00:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.50	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	VHBLKPZ	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	7.0	Sample Date:	04262012	Sample Time:	00:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C05	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-110	pH:	2.0	Sample Date:	04242012	Sample Time:	12:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	1.3	ug/L	1.0			Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	1.7	ug/L	1.0	J	J	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.20	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.35	ug/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	0.39	ug/L	1.0	J	J	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.31	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	6.0	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.7	ug/L	1.0			Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Nonanal			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C05	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-110	pH:	9.1	Sample Date:	04242012	Sample Time:	12:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	1.3	ug/L	1.0			Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C05RE	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-110	pH:	2.0	Sample Date:	04242012	Sample Time:	12:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	2.0	ug/L	1.0		J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	5.0	ug/L	1.0	U	UJ	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	U	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.42	ug/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	0.60	ug/L	1.0		J	Yes	
2-Butanone	5.0	ug/L	1.0	U	UJ	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.19	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	9.5	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	UJ	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	UJ	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Tetrachloroethene	9.5	ug/L	1.0			Yes	
2-Hexanone	5.0	ug/L	1.0	JB	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Hexanal			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C07	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-120	pH:	9.2	Sample Date:	04242012	Sample Time:	14:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	1.0	ug/L	1.0			Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C07	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-120	pH:	2.0	Sample Date:	04242012	Sample Time:	14:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	17	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.17	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.18	ug/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.44	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	2.4	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.14	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	1.3	ug/L	1.0			Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Heptanal			1.0	JN		Yes	
Octanal			1.0	JN		Yes	
Nonanal			1.0	JN		Yes	
Hexanal			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C08	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-130	pH:	8.8	Sample Date:	04252012	Sample Time:	09:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	2.4	ug/L	1.0			Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C08	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-130	pH:	2.0	Sample Date:	04252012	Sample Time:	09:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	1.7	ug/L	1.0			Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	JB	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.25	ug/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	0.72	ug/L	1.0			Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.22	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	16	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	UJ	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	UJ	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Tetrachloroethene	22	ug/L	1.0	E		Yes	
2-Hexanone	5.0	ug/L	1.0	JB	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C08DL	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-130	pH:	2.0	Sample Date:	04252012	Sample Time:	09:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	1.0	ug/L	2.0	U	UJ	Yes	
Chloromethane	1.0	ug/L	2.0	U	UJ	Yes	
Vinyl chloride	1.0	ug/L	2.0	U	UJ	Yes	
Bromomethane	1.0	ug/L	2.0	U	UJ	Yes	
Chloroethane	1.0	ug/L	2.0	U	UJ	Yes	
Trichlorofluoromethane	1.0	ug/L	2.0	U	UJ	Yes	
1,1-Dichloroethene	2.4	ug/L	2.0	D	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	ug/L	2.0	U	UJ	Yes	
Acetone	10	ug/L	2.0	U	UJ	Yes	
Carbon Disulfide	1.0	ug/L	2.0	U	UJ	Yes	
Methyl acetate	1.0	ug/L	2.0	U	UJ	Yes	
Methylene chloride	1.3	ug/L	2.0	D	J	Yes	
trans-1,2-Dichloroethene	1.0	ug/L	2.0	U	UJ	Yes	
Methyl tert-butyl ether	1.0	ug/L	2.0	U	UJ	Yes	
1,1-Dichloroethane	1.0	ug/L	2.0	U	U	Yes	
cis-1,2-Dichloroethene	0.76	ug/L	2.0	JD	J	Yes	
2-Butanone	10	ug/L	2.0	U	UJ	Yes	
Bromochloromethane	1.0	ug/L	2.0	U	U	Yes	
Chloroform	0.73	ug/L	2.0	JD	J	Yes	
1,1,1-Trichloroethane	1.0	ug/L	2.0	U	UJ	Yes	
Cyclohexane	1.0	ug/L	2.0	U	U	Yes	
Carbon tetrachloride	1.0	ug/L	2.0	U	UJ	Yes	
Benzene	1.0	ug/L	2.0	U	U	Yes	
1,2-Dichloroethane	1.0	ug/L	2.0	U	UJ	Yes	
Trichloroethene	19	ug/L	2.0	D		Yes	
Methylcyclohexane	1.0	ug/L	2.0	U	U	Yes	
1,2-Dichloropropane	1.0	ug/L	2.0	U	U	Yes	
Bromodichloromethane	1.0	ug/L	2.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	1.0	ug/L	2.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	2.0	U	U	Yes	
Toluene	1.0	ug/L	2.0	U	U	Yes	
trans-1,3-Dichloropropene	1.0	ug/L	2.0	U	U	Yes	
1,1,2-Trichloroethane	1.0	ug/L	2.0	U	U	Yes	
Tetrachloroethene	28	ug/L	2.0	D		Yes	
2-Hexanone	10	ug/L	2.0	U	U	Yes	
Dibromochloromethane	1.0	ug/L	2.0	U	U	Yes	
1,2-Dibromoethane	1.0	ug/L	2.0	U	UJ	Yes	
Chlorobenzene	1.0	ug/L	2.0	U	U	Yes	
Ethylbenzene	1.0	ug/L	2.0	U	U	Yes	
o-Xylene	1.0	ug/L	2.0	U	U	Yes	
m,p-Xylene	1.0	ug/L	2.0	U	U	Yes	
Styrene	1.0	ug/L	2.0	U	U	Yes	
Bromoform	1.0	ug/L	2.0	U	U	Yes	
Isopropylbenzene	1.0	ug/L	2.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	1.0	ug/L	2.0	U	UJ	Yes	
1,3-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,4-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	1.0	ug/L	2.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2,3-Trichlorobenzene	1.0	ug/L	2.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C08RE	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-130	pH:	2.0	Sample Date:	04252012	Sample Time:	09:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	1.9	ug/L	1.0			Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.56	ug/L	1.0		J	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	JB	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.24	ug/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	0.71	ug/L	1.0			Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.23	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	16	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	UJ	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	UJ	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Tetrachloroethene	22	ug/L	1.0	E		Yes	
2-Hexanone	5.0	ug/L	1.0	JB	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C09	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-140	pH:	2.0	Sample Date:	04252012	Sample Time:	15:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.25	ug/L	1.0	J	J	Yes	
1,1-Dichloroethene	2.5	ug/L	1.0		J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	ug/L	1.0		J	Yes	
Acetone	5.0	ug/L	1.0	U	UJ	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	U	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.47	ug/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	1.3	ug/L	1.0		J	Yes	
2-Butanone	5.0	ug/L	1.0	U	UJ	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.26	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.42	ug/L	1.0	J	J	Yes	
Trichloroethene	16	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	UJ	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	UJ	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Tetrachloroethene	21	ug/L	1.0	E		Yes	
2-Hexanone	5.9	ug/L	1.0	B		Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C09	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-140	pH:	8.7	Sample Date:	04252012	Sample Time:	15:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	1.8	ug/L	1.0			Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C09	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-140	pH:	2.0	Sample Date:	04252012	Sample Time:	15:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C09DL	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-140	pH:	2.0	Sample Date:	04252012	Sample Time:	15:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	1.0	ug/L	2.0	U	UJ	Yes	
Chloromethane	1.0	ug/L	2.0	U	UJ	Yes	
Vinyl chloride	1.0	ug/L	2.0	U	UJ	Yes	
Bromomethane	1.0	ug/L	2.0	U	UJ	Yes	
Chloroethane	1.0	ug/L	2.0	U	UJ	Yes	
Trichlorofluoromethane	1.0	ug/L	2.0	U	U	Yes	
1,1-Dichloroethene	2.3	ug/L	2.0	D	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	ug/L	2.0	U	U	Yes	
Acetone	10	ug/L	2.0	U	U	Yes	
Carbon Disulfide	1.0	ug/L	2.0	U	UJ	Yes	
Methyl acetate	1.0	ug/L	2.0	U	U	Yes	
Methylene chloride	1.7	ug/L	2.0	D		Yes	
trans-1,2-Dichloroethene	1.0	ug/L	2.0	U	UJ	Yes	
Methyl tert-butyl ether	1.0	ug/L	2.0	U	U	Yes	
1,1-Dichloroethane	0.39	ug/L	2.0	JD	J	Yes	
cis-1,2-Dichloroethene	1.1	ug/L	2.0	D	J	Yes	
2-Butanone	10	ug/L	2.0	U	U	Yes	
Bromochloromethane	1.0	ug/L	2.0	U	U	Yes	
Chloroform	0.81	ug/L	2.0	JD	J	Yes	
1,1,1-Trichloroethane	1.0	ug/L	2.0	U	U	Yes	
Cyclohexane	1.0	ug/L	2.0	U	U	Yes	
Carbon tetrachloride	1.0	ug/L	2.0	U	U	Yes	
Benzene	1.0	ug/L	2.0	U	U	Yes	
1,2-Dichloroethane	1.0	ug/L	2.0	U	U	Yes	
Trichloroethene	13	ug/L	2.0	D		Yes	
Methylcyclohexane	1.0	ug/L	2.0	U	U	Yes	
1,2-Dichloropropane	1.0	ug/L	2.0	U	U	Yes	
Bromodichloromethane	1.0	ug/L	2.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	1.0	ug/L	2.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	2.0	U	U	Yes	
Toluene	1.0	ug/L	2.0	U	U	Yes	
trans-1,3-Dichloropropene	1.0	ug/L	2.0	U	U	Yes	
1,1,2-Trichloroethane	1.0	ug/L	2.0	U	U	Yes	
Tetrachloroethene	17	ug/L	2.0	D		Yes	
2-Hexanone	10	ug/L	2.0	U	U	Yes	
Dibromochloromethane	1.0	ug/L	2.0	U	U	Yes	
1,2-Dibromoethane	1.0	ug/L	2.0	U	U	Yes	
Chlorobenzene	1.0	ug/L	2.0	U	U	Yes	
Ethylbenzene	1.0	ug/L	2.0	U	U	Yes	
o-Xylene	1.0	ug/L	2.0	U	U	Yes	
m,p-Xylene	1.0	ug/L	2.0	U	U	Yes	
Styrene	1.0	ug/L	2.0	U	U	Yes	
Bromoform	1.0	ug/L	2.0	U	U	Yes	
Isopropylbenzene	1.0	ug/L	2.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	1.0	ug/L	2.0	U	UJ	Yes	
1,3-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,4-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	1.0	ug/L	2.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2,3-Trichlorobenzene	1.0	ug/L	2.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C09RE	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-140	pH:	2.0	Sample Date:	04252012	Sample Time:	15:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	2.5	ug/L	1.0			Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.73	ug/L	1.0		J	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.47	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.55	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	1.5	ug/L	1.0			Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.30	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	18	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	23	ug/L	1.0	E		Yes	
2-Hexanone	3.2	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Hexanal			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C10	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-150	pH:	2.0	Sample Date:	04262012	Sample Time:	09:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C10	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-150	pH:	2.0	Sample Date:	04262012	Sample Time:	09:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.60	ug/L	1.0			Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	16	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.36	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.27	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	4.9	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	4.9	ug/L	1.0			Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Octanal			1.0	JN		Yes	
Nonanal			1.0	JN		Yes	
Hexanal			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C10	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-150	pH:	8.8	Sample Date:	04262012	Sample Time:	09:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.83	ug/L	1.0			Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C11	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-160	pH:	2.0	Sample Date:	04262012	Sample Time:	10:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C11	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-160	pH:	2.0	Sample Date:	04262012	Sample Time:	10:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.55	ug/L	1.0		J	Yes	
1,1-Dichloroethene	2.6	ug/L	1.0		J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.8	ug/L	1.0		J	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	U	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.69	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	0.97	ug/L	1.0		J	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.34	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	12	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	15	ug/L	1.0			Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Nonanal			1.0	JN		Yes	
Hexanal			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C11	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-160	pH:	8.6	Sample Date:	04262012	Sample Time:	10:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	1.9	ug/L	1.0			Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C12	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-170	pH:	8.7	Sample Date:	04262012	Sample Time:	13:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.72	ug/L	1.0			Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C12	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-170	pH:	2.0	Sample Date:	04262012	Sample Time:	13:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	0.42	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	15	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.37	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.24	ug/L	1.0	J	J	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	1.4	ug/L	1.0			Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.20	ug/L	1.0	J	J	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	2.8	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.14	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	2.7	ug/L	1.0			Yes	
2-Hexanone	3.4	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Hexanal			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C12	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-170	pH:	2.0	Sample Date:	04262012	Sample Time:	13:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C13	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-180	pH:	8.6	Sample Date:	04262012	Sample Time:	14:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.72	ug/L	1.0			Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C13	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-180	pH:	2.0	Sample Date:	04262012	Sample Time:	14:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C13	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-180	pH:	2.0	Sample Date:	04262012	Sample Time:	14:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.57	ug/L	1.0		J	Yes	
1,1-Dichloroethene	2.5	ug/L	1.0		J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	ug/L	1.0		J	Yes	
Acetone	9.0	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.34	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.55	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	0.80	ug/L	1.0		J	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.47	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.30	ug/L	1.0	J	J	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	9.1	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	9.2	ug/L	1.0			Yes	
2-Hexanone	2.9	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Nonanal			1.0	JN		Yes	
Hexanal			1.0	JN		Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C13RE	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-180	pH:	2.0	Sample Date:	04262012	Sample Time:	14:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	1.5	ug/L	1.0			Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.72	ug/L	1.0			Yes	
Acetone	13	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.50	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.37	ug/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	0.62	ug/L	1.0			Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.40	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.31	ug/L	1.0	J	J	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	6.5	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	6.9	ug/L	1.0			Yes	
2-Hexanone	3.4	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Octanal			1.0	JN		Yes	
Total Alkane TICs			1.0	J		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C14	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-190	pH:	2.0	Sample Date:	04262012	Sample Time:	16:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C14	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-190	pH:	8.5	Sample Date:	04262012	Sample Time:	16:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.63	ug/L	1.0			Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number: Y8C14	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location: MW-32-190	pH: 2.0	Sample Date: 04262012	Sample Time: 16:00:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	0.30	ug/L	1.0	J	J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	11	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	U	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	3.8	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	1.8	ug/L	1.0			Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Hexanal			1.0	JN		Yes	
Octanal			1.0	JN		Yes	
Nonanal			1.0	JN		Yes	
Heptanal			1.0	JN		Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C15	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-200	pH:	2.0	Sample Date:	04272012	Sample Time:	10:15:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	5.3	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	U	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	1.9	ug/L	1.0	J	J	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	6.0	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	2.6	ug/L	1.0			Yes	
2-Hexanone	4.0	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	UJ	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Heptanal			1.0	JN		Yes	
Nonanal			1.0	JN		Yes	
Octanal			1.0	JN		Yes	
Hexanal			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C15	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-200	pH:	8.5	Sample Date:	04272012	Sample Time:	10:15:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.77	ug/L	1.0			Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C15	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-200	pH:	2.0	Sample Date:	04272012	Sample Time:	10:15:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C15MS	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-200	pH:	2.0	Sample Date:	04272012	Sample Time:	10:15:00
% Moisture :	0			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1-Dichloroethene	5.4	ug/L	1.0		J	Yes	
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Benzene	4.6	ug/L	1.0			Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	8.5	ug/L	1.0		J	Yes	
Toluene	4.7	ug/L	1.0			Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	4.1	ug/L	1.0			Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	4.5	ug/L	1.0	J	J	Yes	
Carbon Disulfide	0.12	ug/L	1.0	J	J	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	JB	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.21	ug/L	1.0	J	J	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	1.7	ug/L	1.0			Yes	
2-Hexanone	3.9	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C15MSD	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-200	pH:	2.0	Sample Date:	04272012	Sample Time:	10:15:00
% Moisture :	0			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1-Dichloroethene	5.7	ug/L	1.0		J	Yes	
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Benzene	4.8	ug/L	1.0			Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	9.0	ug/L	1.0		J	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Toluene	4.9	ug/L	1.0			Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	4.3	ug/L	1.0			Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	3.4	ug/L	1.0	J	J	Yes	
Carbon Disulfide	0.098	ug/L	1.0	J	J	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	U	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	1.7	ug/L	1.0			Yes	
2-Hexanone	3.1	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C16	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-1120	pH:	2.0	Sample Date:	04242012	Sample Time:	14:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.55	ug/L	1.0			Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	19	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.17	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.18	ug/L	1.0	J	J	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	4.6	ug/L	1.0	J	J	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.43	ug/L	1.0	J	J	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	2.1	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.13	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	1.2	ug/L	1.0			Yes	
2-Hexanone	4.6	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Heptanal			1.0	JN		Yes	
Hexanal			1.0	JN		Yes	
Octanal			1.0	JN		Yes	
Nonanal			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C16	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-1120	pH:	9.0	Sample Date:	04242012	Sample Time:	14:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	1.2	ug/L	1.0			Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C17	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	EB-01	pH:	7.3	Sample Date:	04252012	Sample Time:	09:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4
Sample Number: Y8C17	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location: EB-01	pH: 2.0	Sample Date: 04252012	Sample Time: 09:45:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.37	ug/L	1.0	J	J	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.24	ug/L	1.0	JB	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	4.2	ug/L	1.0	JB	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Cyclotetrasiloxane, octamet...			1.0	JN		Yes	
Total Alkane TICs			1.0	J		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C18	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-210	pH:	8.6	Sample Date:	04272012	Sample Time:	14:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	1.1	ug/L	1.0			Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C18	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-210	pH:	2.0	Sample Date:	04272012	Sample Time:	14:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C18	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-210	pH:	2.0	Sample Date:	04272012	Sample Time:	14:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	13	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	JB	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.83	ug/L	1.0			Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	2.7	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	1.9	ug/L	1.0			Yes	
2-Hexanone	5.7	ug/L	1.0			Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	5.6	ug/L	1.0		J	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Hexanal			1.0	JN		Yes	
Heptanal			1.0	JN		Yes	
2-Octanone			1.0	JN		Yes	
Octanal			1.0	JN		Yes	
Butanal			1.0	JN		Yes	
Pentane			1.0	JN		Yes	
Total Alkane TICs			1.0	J		Yes	
Nonanal			1.0	JN		Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C19	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	MW-32-220	pH:	8.8	Sample Date:	04272012	Sample Time:	16:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.87	ug/L	1.0			Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C05	Lab Code:	A4
Sample Number:	Y8C19	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-220	pH:	2.0	Sample Date:	04272012	Sample Time:	16:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C05	Lab Code: A4

Sample Number:	Y8C19	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	MW-32-220	pH:	2.0	Sample Date:	04272012	Sample Time:	16:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	U	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	UJ	Yes	
Acetone	9.1	ug/L	1.0			Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	U	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.40	ug/L	1.0	J	J	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Trichloroethene	3.1	ug/L	1.0			Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.82	ug/L	1.0			Yes	
2-Hexanone	3.7	ug/L	1.0	J	J	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	UJ	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1-Hexene			1.0	JN		Yes	
Octanal			1.0	JN		Yes	
2-Pentene			1.0	JN		Yes	
Cyclopropane, ethyl-			1.0	JN		Yes	
Hexanal			1.0	JN		Yes	
Nonanal			1.0	JN		Yes	
Heptanal			1.0	JN		Yes	

Sample Summary Report

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C26	Lab Code:	A4

Sample Number:	SBLK6C	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:		pH:		Sample Date:		Sample Time:	
% Moisture :	0			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C26	Lab Code: A4
Sample Number: VBLK37	Method: VOA_SIM	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C26	Lab Code: A4
Sample Number: VBLK38	Method: VOA_SIM	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C26	Lab Code: A4
Sample Number: VBLK4L	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	R	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.46	ug/L	1.0	J	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C26	Lab Code: A4
Sample Number: VHBLKQG	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH: 7.0	Sample Date: 05102012	Sample Time: 00:00:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	R	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	ug/L	1.0	U	U	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.27	ug/L	1.0	JB	J	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.50	ug/L	1.0	U	U	Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.50	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	U	U	Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.50	ug/L	1.0	U	U	Yes	
o-Xylene	0.50	ug/L	1.0	U	U	Yes	
m,p-Xylene	0.50	ug/L	1.0	U	U	Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C26	Lab Code: A4

Sample Number:	VHBLKQH	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	7.0	Sample Date:	05102012	Sample Time:	00:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C26	Lab Code: A4
Sample Number: Y8C26	Method: VOA_Trace	Matrix: Water	MA Number: DEFAULT
Sample Location: 170	pH: 2.0	Sample Date: 05082012	Sample Time: 14:20:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	R	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	2.2	ug/L	1.0		J	Yes	
1,1-Dichloroethene	7.2	ug/L	1.0		J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.4	ug/L	1.0		J	Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	UJ	Yes	
Methylene chloride	0.50	ug/L	1.0	U	UJ	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	UJ	Yes	
1,1-Dichloroethane	1.8	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	2.3	ug/L	1.0		J	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.71	ug/L	1.0			Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	UJ	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	UJ	Yes	
Benzene	0.90	ug/L	1.0			Yes	
1,2-Dichloroethane	0.80	ug/L	1.0		J	Yes	
Trichloroethene	21	ug/L	1.0	E		Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	15	ug/L	1.0			Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	24	ug/L	1.0	E		Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	UJ	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.24	ug/L	1.0	J	J	Yes	
o-Xylene	0.58	ug/L	1.0			Yes	
m,p-Xylene	0.69	ug/L	1.0			Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	UJ	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C26	Lab Code:	A4
Sample Number:	Y8C26	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	170	pH:	7.2	Sample Date:	05082012	Sample Time:	14:20:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	3.9	ug/L	1.0			Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C26	Lab Code:	A4
Sample Number:	Y8C26	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	170	pH:	2.0	Sample Date:	05082012	Sample Time:	14:20:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C26	Lab Code: A4

Sample Number:	Y8C26DL	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	170	pH:	2.0	Sample Date:	05082012	Sample Time:	14:20:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	1.0	ug/L	2.0	U	U	Yes	
Chloromethane	1.0	ug/L	2.0	U	U	Yes	
Vinyl chloride	1.0	ug/L	2.0	U	U	Yes	
Bromomethane	1.0	ug/L	2.0	U	R	Yes	
Chloroethane	1.0	ug/L	2.0	U	U	Yes	
Trichlorofluoromethane	2.2	ug/L	2.0	D		Yes	
1,1-Dichloroethene	6.5	ug/L	2.0	D		Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.8	ug/L	2.0	D		Yes	
Acetone	10	ug/L	2.0	U	U	Yes	
Carbon Disulfide	1.0	ug/L	2.0	U	U	Yes	
Methyl acetate	1.0	ug/L	2.0	U	U	Yes	
Methylene chloride	1.0	ug/L	2.0	U	U	Yes	
trans-1,2-Dichloroethene	1.0	ug/L	2.0	U	U	Yes	
Methyl tert-butyl ether	1.0	ug/L	2.0	U	U	Yes	
1,1-Dichloroethane	1.5	ug/L	2.0	D		Yes	
cis-1,2-Dichloroethene	1.9	ug/L	2.0	D		Yes	
2-Butanone	10	ug/L	2.0	U	U	Yes	
Bromochloromethane	1.0	ug/L	2.0	U	U	Yes	
Chloroform	1.0	ug/L	2.0	D		Yes	
1,1,1-Trichloroethane	1.0	ug/L	2.0	U	U	Yes	
Cyclohexane	1.0	ug/L	2.0	U	U	Yes	
Carbon tetrachloride	1.0	ug/L	2.0	U	U	Yes	
Benzene	0.94	ug/L	2.0	JD	J	Yes	
1,2-Dichloroethane	0.69	ug/L	2.0	JD	J	Yes	
Trichloroethene	18	ug/L	2.0	D		Yes	
Methylcyclohexane	1.0	ug/L	2.0	U	U	Yes	
1,2-Dichloropropane	1.0	ug/L	2.0	U	U	Yes	
Bromodichloromethane	1.0	ug/L	2.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	1.0	ug/L	2.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	2.0	U	U	Yes	
Toluene	12	ug/L	2.0	D		Yes	
trans-1,3-Dichloropropene	1.0	ug/L	2.0	U	U	Yes	
1,1,2-Trichloroethane	1.0	ug/L	2.0	U	U	Yes	
Tetrachloroethene	20	ug/L	2.0	D		Yes	
2-Hexanone	10	ug/L	2.0	U	U	Yes	
Dibromochloromethane	1.0	ug/L	2.0	U	U	Yes	
1,2-Dibromoethane	1.0	ug/L	2.0	U	U	Yes	
Chlorobenzene	1.0	ug/L	2.0	U	U	Yes	
Ethylbenzene	1.0	ug/L	2.0	U	U	Yes	
o-Xylene	0.43	ug/L	2.0	JD	J	Yes	
m,p-Xylene	0.49	ug/L	2.0	JD	J	Yes	
Styrene	1.0	ug/L	2.0	U	U	Yes	
Bromoform	1.0	ug/L	2.0	U	U	Yes	
Isopropylbenzene	1.0	ug/L	2.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	1.0	ug/L	2.0	U	UJ	Yes	
1,3-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,4-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	1.0	ug/L	2.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2,3-Trichlorobenzene	1.0	ug/L	2.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C26	Lab Code:	A4
Sample Number:	Y8C27	Method:	BNA_SIM	Matrix:	Water	MA Number:	2103.2
Sample Location:	170 Dup	pH:	7.1	Sample Date:	05082012	Sample Time:	14:24:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,4-Dioxane	2.2	ug/L	1.0			Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C26	Lab Code: A4

Sample Number:	Y8C27	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	170 Dup	pH:	2.0	Sample Date:	05082012	Sample Time:	14:24:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	0.50	ug/L	1.0	U	U	Yes	
Chloromethane	0.50	ug/L	1.0	U	U	Yes	
Vinyl chloride	0.50	ug/L	1.0	U	U	Yes	
Bromomethane	0.50	ug/L	1.0	U	R	Yes	
Chloroethane	0.50	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	2.4	ug/L	1.0			Yes	
1,1-Dichloroethene	7.0	ug/L	1.0		J	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.5	ug/L	1.0			Yes	
Acetone	5.0	ug/L	1.0	U	U	Yes	
Carbon Disulfide	0.50	ug/L	1.0	U	U	Yes	
Methyl acetate	0.50	ug/L	1.0	U	U	Yes	
Methylene chloride	0.50	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.50	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	0.50	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	1.8	ug/L	1.0			Yes	
cis-1,2-Dichloroethene	2.2	ug/L	1.0		J	Yes	
2-Butanone	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	0.50	ug/L	1.0	U	U	Yes	
Chloroform	0.70	ug/L	1.0			Yes	
1,1,1-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Cyclohexane	0.50	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	0.50	ug/L	1.0	U	U	Yes	
Benzene	0.87	ug/L	1.0			Yes	
1,2-Dichloroethane	0.83	ug/L	1.0			Yes	
Trichloroethene	20	ug/L	1.0	E		Yes	
Methylcyclohexane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	0.50	ug/L	1.0	U	U	Yes	
Bromodichloromethane	0.50	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
4-Methyl-2-pentanone	5.0	ug/L	1.0	U	U	Yes	
Toluene	15	ug/L	1.0			Yes	
trans-1,3-Dichloropropene	0.50	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	0.50	ug/L	1.0	U	U	Yes	
Tetrachloroethene	23	ug/L	1.0	E		Yes	
2-Hexanone	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	0.50	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.50	ug/L	1.0	U	U	Yes	
Ethylbenzene	0.21	ug/L	1.0	J	J	Yes	
o-Xylene	0.53	ug/L	1.0			Yes	
m,p-Xylene	0.61	ug/L	1.0			Yes	
Styrene	0.50	ug/L	1.0	U	U	Yes	
Bromoform	0.50	ug/L	1.0	U	U	Yes	
Isopropylbenzene	0.50	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	0.50	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.50	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.50	ug/L	1.0	U	U	Yes	

Case No:	42463	Contract:	EPW10018	SDG No:	Y8C26	Lab Code:	A4
Sample Number:	Y8C27	Method:	VOA_SIM	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	170 Dup	pH:	2.0	Sample Date:	05082012	Sample Time:	14:24:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,2-Dibromoethane	0.050	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	0.050	ug/L	1.0	U	U	Yes	

Case No: 42463	Contract: EPW10018	SDG No: Y8C26	Lab Code: A4

Sample Number:	Y8C27DL	Method:	VOA_Trace	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	170 Dup	pH:	2.0	Sample Date:	05082012	Sample Time:	14:24:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Dichlorodifluoromethane	1.0	ug/L	2.0	U	U	Yes	
Chloromethane	1.0	ug/L	2.0	U	U	Yes	
Vinyl chloride	1.0	ug/L	2.0	U	U	Yes	
Bromomethane	1.0	ug/L	2.0	U	R	Yes	
Chloroethane	1.0	ug/L	2.0	U	U	Yes	
Trichlorofluoromethane	1.9	ug/L	2.0	D		Yes	
1,1-Dichloroethene	6.5	ug/L	2.0	D		Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.3	ug/L	2.0	D		Yes	
Acetone	10	ug/L	2.0	U	U	Yes	
Carbon Disulfide	1.0	ug/L	2.0	U	U	Yes	
Methyl acetate	1.0	ug/L	2.0	U	U	Yes	
Methylene chloride	1.0	ug/L	2.0	JBD	U	Yes	
trans-1,2-Dichloroethene	1.0	ug/L	2.0	U	U	Yes	
Methyl tert-butyl ether	1.0	ug/L	2.0	U	U	Yes	
1,1-Dichloroethane	1.7	ug/L	2.0	D		Yes	
cis-1,2-Dichloroethene	2.0	ug/L	2.0	D		Yes	
2-Butanone	10	ug/L	2.0	U	U	Yes	
Bromochloromethane	1.0	ug/L	2.0	U	U	Yes	
Chloroform	1.0	ug/L	2.0	D		Yes	
1,1,1-Trichloroethane	1.0	ug/L	2.0	U	U	Yes	
Cyclohexane	1.0	ug/L	2.0	U	U	Yes	
Carbon tetrachloride	1.0	ug/L	2.0	U	U	Yes	
Benzene	0.97	ug/L	2.0	JD	J	Yes	
1,2-Dichloroethane	0.69	ug/L	2.0	JD	J	Yes	
Trichloroethene	19	ug/L	2.0	D		Yes	
Methylcyclohexane	1.0	ug/L	2.0	U	U	Yes	
1,2-Dichloropropane	1.0	ug/L	2.0	U	U	Yes	
Bromodichloromethane	1.0	ug/L	2.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
cis-1,3-Dichloropropene	1.0	ug/L	2.0	U	U	Yes	
4-Methyl-2-pentanone	10	ug/L	2.0	U	U	Yes	
Toluene	13	ug/L	2.0	D		Yes	
trans-1,3-Dichloropropene	1.0	ug/L	2.0	U	U	Yes	
1,1,2-Trichloroethane	1.0	ug/L	2.0	U	U	Yes	
Tetrachloroethene	21	ug/L	2.0	D		Yes	
2-Hexanone	10	ug/L	2.0	U	U	Yes	
Dibromochloromethane	1.0	ug/L	2.0	U	U	Yes	
1,2-Dibromoethane	1.0	ug/L	2.0	U	U	Yes	
Chlorobenzene	1.0	ug/L	2.0	U	U	Yes	
Ethylbenzene	1.0	ug/L	2.0	U	U	Yes	
o-Xylene	0.53	ug/L	2.0	JD	J	Yes	
m,p-Xylene	0.57	ug/L	2.0	JD	J	Yes	
Styrene	1.0	ug/L	2.0	U	U	Yes	
Bromoform	1.0	ug/L	2.0	U	U	Yes	
Isopropylbenzene	1.0	ug/L	2.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	1.0	ug/L	2.0	U	UJ	Yes	
1,3-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,4-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2-Dichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	1.0	ug/L	2.0	U	UJ	Yes	
1,2,4-Trichlorobenzene	1.0	ug/L	2.0	U	U	Yes	
1,2,3-Trichlorobenzene	1.0	ug/L	2.0	U	U	Yes	

United States Environmental Protection Agency
Region 9 Laboratory

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

Date: **5/22/2012**

Subject: **Analytical Testing Results - Project R12S74**
SDG: 12129B

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

To: **Lynda Deschambault**
California Site Cleanup Section 1
SFD-7-1

Attached are the results from the analysis of samples from the **Omega OU2 Spring 2012 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.

Electronic CC: Tom Perina, CH2M-Hill
Daniel Jablonski, CH2M-Hill

Analyses included in this report:

Hexavalent Chromium by Ion Chromatography	Mercury by CVAA
Mercury by CVAA	Metals by ICP
Metals by ICP	Percent Solids

United States Environmental Protection Agency
Region 9 Laboratory
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Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/22/12 15:18
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
IDW-SOIL-1	1205018-01	Soil	05/07/12 14:30	05/08/12 09:50
IDW-WATER-1	1205018-02	Water	05/07/12 15:30	05/08/12 09:50
IDW-WATER-2	1205018-03	Water	05/07/12 15:45	05/08/12 09:50

SDG ID 12129B

Hexavalent Chromium in water: Samples were analyzed approximately one hour past the method specified twenty-four hour holding time.

Work Order(s)

1205018

United States Environmental Protection Agency
Region 9 Laboratory
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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number:	R12S74	**75 Hawthorne Street**	**Reported:** 05/22/12 15:18
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1205018-01									**Soil - Sampled: 05/07/12 14:30**
Sample ID: IDW-SOIL-1									**Metals by EPA 6000/7000 Series Methods**
Mercury		0.044		0.029	mg/kg dry	B2E0063	05/09/12	05/09/12	7473/SOP535
Antimony		ND	J, Q4, U	2.3	"	B2E0074	05/10/12	05/16/12	6010C/SOP503
Arsenic		9.2		2.3	"	"	"	"	6010C/SOP503
Barium		99		5.8	"	"	"	"	6010C/SOP503
Beryllium		0.36		0.12	"	"	"	"	6010C/SOP503
Cadmium		ND	U	0.58	"	"	"	"	6010C/SOP503
Chromium		20		1.2	"	"	"	"	6010C/SOP503
Cobalt		8.4		2.3	"	"	"	"	6010C/SOP503
Copper		20		4.6	"	"	"	"	6010C/SOP503
Lead		4.6		3.5	"	"	"	"	6010C/SOP503
Molybdenum		ND	U	5.8	"	"	"	"	6010C/SOP503
Nickel		16		5.8	"	"	"	"	6010C/SOP503
Selenium		ND	U	2.3	"	"	"	"	6010C/SOP503
Silver		ND	U	1.2	"	"	"	"	6010C/SOP503
Thallium		ND	U	5.8	"	"	"	"	6010C/SOP503
Vanadium		37		2.3	"	"	"	"	6010C/SOP503
Zinc		45		9.2	"	"	"	"	6010C/SOP503
Sample ID: IDW-SOIL-1									**Conventional Chemistry Parameters by APHA/EPA Methods**
% Solids		87		1	%	B2E0066	05/09/12	05/10/12	3550C/SOP460
Lab ID: 1205018-02									**Water - Sampled: 05/07/12 15:30**
Sample ID: IDW-WATER-1									**Metals by EPA 200 Series Methods**
Mercury		0.094	J, Q2, Q4, Q6	0.030	ug/L	B2E0110	05/16/12	05/17/12	245.1/SOP515
Antimony		ND	J, Q4, U	20	"	B2E0057	05/09/12	05/17/12	200.7/SOP505
Arsenic	RE1	36		20	"	"	"	05/18/12	200.7/SOP505
Barium		650		10	"	"	"	05/17/12	200.7/SOP505
Beryllium		2.0		1	"	"	"	"	200.7/SOP505
Cadmium		ND	U	5	"	"	"	"	200.7/SOP505
Chromium		200		10	"	"	"	"	200.7/SOP505
Cobalt		29		10	"	"	"	"	200.7/SOP505
Copper		110		10	"	"	"	"	200.7/SOP505
Lead		46		20	"	"	"	"	200.7/SOP505
Molybdenum		76		20	"	"	"	"	200.7/SOP505
Nickel		67		10	"	"	"	"	200.7/SOP505
Selenium		19	C1, Q2, J	20	"	"	"	"	200.7/SOP505
Silver		ND	U	10	"	"	"	"	200.7/SOP505
Thallium		ND	U	20	"	"	"	"	200.7/SOP505
Vanadium		140		10	"	"	"	"	200.7/SOP505
Zinc		470		10	"	"	"	"	200.7/SOP505
Sample ID: IDW-WATER-1									**Conventional Chemistry Parameters by APHA/EPA Methods**

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Project Number:	R12S74	**75 Hawthorne Street**	**Reported:** 05/22/12 15:18
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1205018-02									**Water - Sampled: 05/07/12 15:30**
Sample ID: IDW-WATER-1									**Conventional Chemistry Parameters by APHA/EPA Methods**
Hexavalent Chromium		ND	A3, J, U	0.02	ug/L	B2E0044	05/08/12	05/08/12	218.6/SOP525
Lab ID: 1205018-03									**Water - Sampled: 05/07/12 15:45**
Sample ID: IDW-WATER-2									**Metals by EPA 200 Series Methods**
Mercury		0.016	C1, J	0.030	ug/L	B2E0077	05/14/12	05/14/12	245.1/SOP515
Antimony		ND	U	20	"	B2E0057	05/09/12	05/17/12	200.7/SOP505
Arsenic	RE1	40		20	"	"	"	05/18/12	200.7/SOP505
Barium		750		10	"	"	"	05/17/12	200.7/SOP505
Beryllium		2.7		1	"	"	"	"	200.7/SOP505
Cadmium		ND	U	5	"	"	"	"	200.7/SOP505
Chromium		240		10	"	"	"	"	200.7/SOP505
Cobalt		35		10	"	"	"	"	200.7/SOP505
Copper		130		10	"	"	"	"	200.7/SOP505
Lead		55		20	"	"	"	"	200.7/SOP505
Molybdenum		83		20	"	"	"	"	200.7/SOP505
Nickel		80		10	"	"	"	"	200.7/SOP505
Selenium		14	C1, Q2, J	20	"	"	"	"	200.7/SOP505
Silver		ND	U	10	"	"	"	"	200.7/SOP505
Thallium		ND	U	20	"	"	"	"	200.7/SOP505
Vanadium		160		10	"	"	"	"	200.7/SOP505
Zinc		710		10	"	"	"	"	200.7/SOP505
Sample ID: IDW-WATER-2									**Conventional Chemistry Parameters by APHA/EPA Methods**
Hexavalent Chromium		ND	A3, J, U	0.02	"	B2E0044	05/08/12	05/08/12	218.6/SOP525

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Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/22/12 15:18
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0044 - - General Inorganic - Chromium VI										**Prepared & Analyzed: 05/08/12**
										Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Blank (B2E0044-BLK1)										
Hexavalent Chromium	ND	U	0.02	ug/L						
LCS (B2E0044-BS1)										
Hexavalent Chromium	4.95		0.02	ug/L	5.00		99	90-110		200
Matrix Spike (B2E0044-MS1)		**Source: 1205018-02**								
Hexavalent Chromium	4.94		0.02	ug/L	5.00	ND	99	90-110		20
Matrix Spike Dup (B2E0044-MSD1)		**Source: 1205018-02**								
Hexavalent Chromium	4.92		0.02	ug/L	5.00	ND	98	90-110	0.4	20
Batch B2E0057 - 200 Series Digest - Metals by 200.7										**Prepared: 05/09/12 Analyzed: 05/17/12**
										Metals by EPA 200 Series Methods - Quality Control
Blank (B2E0057-BLK1)										
Antimony	ND	U	20	ug/L						
Barium	ND	U	10	"						
Beryllium	ND	U	1	"						
Cadmium	ND	U	5	"						
Chromium	ND	U	10	"						
Cobalt	ND	U	10	"						
Copper	ND	U	10	"						
Lead	ND	U	20	"						
Molybdenum	ND	U	20	"						
Nickel	ND	U	10	"						
Selenium	ND	U	20	"						
Silver	ND	U	10	"						
Thallium	ND	U	20	"						
Vanadium	ND	U	10	"						
Zinc	ND	U	10	"						
Blank (B2E0057-BLK2)										
Arsenic	ND	U	20	ug/L						
LCS (B2E0057-BS1)										
Antimony	879		20	ug/L	800		110	85-115		200
Barium	212		10	"	200		106	85-115		200
Beryllium	223		1	"	200		112	85-115		200
Cadmium	216		5	"	200		108	85-115		200
Chromium	417		10	"	400		104	85-115		200
Cobalt	208		10	"	200		104	85-115		200
Copper	308		10	"	300		103	85-115		200
Lead	1,070		20	"	1000		107	85-115		200
Molybdenum	415		20	"	400		104	85-115		200
Nickel	548		10	"	500		110	85-115		200
Selenium	2,330		20	"	2000		**116**	85-115		200
Silver	80.9		10	"	75.0		108	85-115		200
Thallium	2,190		20	"	2000		110	85-115		200

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Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/22/12 15:18
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0057 - 200 Series Digest - Metals by 200.7										**Prepared: 05/09/12 Analyzed: 05/17/12**
										Metals by EPA 200 Series Methods - Quality Control
LCS (B2E0057-BS1)										
Vanadium	319		10	"	300		106	85-115		200
Zinc	209		10	"	200		105	85-115		200
LCS (B2E0057-BS2)										
Arsenic	883		20	ug/L	800		110	85-115		200
Matrix Spike (B2E0057-MS2)		**Source: 1205018-02**								
Antimony	308		20	ug/L	800	ND	**39**	70-130		20
Barium	822		10	"	200	646	88	70-130		20
Beryllium	202		1	"	200	2.02	100	70-130		20
Cadmium	187		5	"	200	ND	93	70-130		20
Chromium	570		10	"	400	201	92	70-130		20
Cobalt	204		10	"	200	29.2	88	70-130		20
Copper	375		10	"	300	109	89	70-130		20
Lead	959		20	"	1000	46.3	91	70-130		20
Molybdenum	423		20	"	400	76.4	87	70-130		20
Nickel	515		10	"	500	66.8	90	70-130		20
Selenium	2,080		20	"	2000	19.2	103	70-130		20
Silver	74.7		10	"	75.0	ND	100	70-130		20
Thallium	1,830		20	"	2000	ND	91	70-130		20
Vanadium	429		10	"	300	136	98	70-130		20
Zinc	659		10	"	200	470	95	70-130		20
Matrix Spike (B2E0057-MS3)		**Source: 1205018-02RE1**								
Arsenic	847		20	ug/L	800	35.8	101	70-130		20
Matrix Spike Dup (B2E0057-MSD2)		**Source: 1205018-02**								
Antimony	335		20	ug/L	800	ND	**42**	70-130	8	20
Barium	845		10	"	200	646	100	70-130	3	20
Beryllium	206		1	"	200	2.02	102	70-130	2	20
Cadmium	184		5	"	200	ND	92	70-130	2	20
Chromium	561		10	"	400	201	90	70-130	2	20
Cobalt	200		10	"	200	29.2	85	70-130	2	20
Copper	375		10	"	300	109	89	70-130	0.1	20
Lead	945		20	"	1000	46.3	90	70-130	2	20
Molybdenum	418		20	"	400	76.4	85	70-130	1	20
Nickel	506		10	"	500	66.8	88	70-130	2	20
Selenium	2,030		20	"	2000	19.2	101	70-130	2	20
Silver	74.9		10	"	75.0	ND	100	70-130	0.3	20
Thallium	1,790		20	"	2000	ND	90	70-130	2	20
Vanadium	425		10	"	300	136	96	70-130	1	20
Zinc	657		10	"	200	470	94	70-130	0.3	20
Matrix Spike Dup (B2E0057-MSD3)		**Source: 1205018-02RE1**								
Arsenic	831		20	ug/L	800	35.8	99	70-130	2	20
Batch B2E0063 - 7473 Hg Prep - Mercury										**Prepared & Analyzed: 05/09/12**

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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
								Metals by EPA 6000/7000 Series Methods - Quality Control		
Blank (B2E0063-BLK1)										
Mercury	0.012	J	0.025	mg/kg dry						
Matrix Spike (B2E0063-MS1)		**Source: 1205018-01**								
Mercury	0.528		0.029	mg/kg dry	0.556	0.0436	87	80-120		20
Matrix Spike Dup (B2E0063-MSD1)		**Source: 1205018-01**								
Mercury	0.505		0.029	mg/kg dry	0.482	0.0436	96	80-120	9	20
Reference (B2E0063-SRM1)										
Mercury	0.967		0.025	mg/kg dry	1.10		88	80-120		
Batch B2E0066 - Solids, Dry Weight (Prep) - Solids, Dry Weight									**Prepared: 05/09/12 Analyzed: 05/10/12**	
								Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control		
Blank (B2E0066-BLK1)										
% Solids	ND	U	1	%						
Duplicate (B2E0066-DUP1)		**Source: 1205018-01**								
% Solids	86		1	%		87			0.3	20
Batch B2E0074 - 3050B Sld Acid Dig - Metals by 6010									**Prepared: 05/10/12 Analyzed: 05/16/12**	
								Metals by EPA 6000/7000 Series Methods - Quality Control		
Blank (B2E0074-BLK1)										
Antimony	ND	U	2	mg/kg dry						
Arsenic	ND	U	2	"						
Barium	ND	U	5	"						
Beryllium	ND	U	0.1	"						
Cadmium	ND	U	0.5	"						
Chromium	ND	U	1	"						
Cobalt	ND	U	2	"						
Copper	ND	U	4	"						
Lead	ND	U	3	"						
Molybdenum	ND	U	5	"						
Nickel	ND	U	5	"						
Selenium	ND	U	2	"						
Silver	ND	U	1	"						
Thallium	ND	U	5	"						
Vanadium	ND	U	2	"						
Zinc	ND	U	8	"						
Matrix Spike (B2E0074-MS1)		**Source: 1205018-01**								
Antimony	56.5		2.3	mg/kg dry	115	ND	**49**	75-125		20
Arsenic	487		2.3	"	461	9.19	104	75-125		20
Barium	575		5.8	"	461	98.9	103	75-125		20
Beryllium	12.1		0.12	"	11.5	0.363	102	75-125		20
Cadmium	11.6		0.58	"	11.5	ND	101	75-125		20

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Project Manager: Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number: R12S74	**75 Hawthorne Street**	**Reported:** 05/22/12 15:18
Project: Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0074 - 3050B Sld Acid Dig - Metals by 6010									**Prepared: 05/10/12 Analyzed: 05/16/12**	
									Metals by EPA 6000/7000 Series Methods - Quality Control	
Matrix Spike (B2E0074-MS1)		**Source: 1205018-01**								
Chromium	71		1.2	"	46.1	20.3	110	75-125		20
Cobalt	118		2.3	"	115	8.4	95	75-125		20
Copper	76.8		4.6	"	57.7	19.7	99	75-125		20
Lead	119		3.5	"	115	4.6	99	75-125		20
Molybdenum	106		5.8	"	115	ND	92	75-125		20
Nickel	132		5.8	"	115	15.9	101	75-125		20
Selenium	481		2.3	"	461	ND	104	75-125		20
Silver	11.7		1.2	"	11.5	ND	101	75-125		20
Thallium	453		5.8	"	461	ND	98	75-125		20
Vanadium	163		2.3	"	115	36.5	110	75-125		20
Zinc	165		9.2	"	115	44.5	105	75-125		20
Matrix Spike Dup (B2E0074-MSD1)		**Source: 1205018-01**								
Antimony	54.2		2.3	mg/kg dry	114	ND	**47**	75-125	4	20
Arsenic	473		2.3	"	457	9.19	101	75-125	3	20
Barium	571		5.8	"	457	98.9	103	75-125	0.7	20
Beryllium	12.1		0.12	"	11.4	0.363	103	75-125	0.1	20
Cadmium	11.2		0.58	"	11.4	ND	98	75-125	3	20
Chromium	66.9		1.2	"	45.7	20.3	102	75-125	6	20
Cobalt	118		2.3	"	114	8.4	96	75-125	0.01	20
Copper	73.9		4.6	"	57.1	19.7	95	75-125	4	20
Lead	114		3.5	"	114	4.6	96	75-125	4	20
Molybdenum	104		5.8	"	114	ND	91	75-125	2	20
Nickel	128		5.8	"	114	15.9	98	75-125	3	20
Selenium	467		2.3	"	457	ND	102	75-125	3	20
Silver	11.5		1.2	"	11.4	ND	101	75-125	1	20
Thallium	440		5.8	"	457	ND	96	75-125	3	20
Vanadium	159		2.3	"	114	36.5	107	75-125	3	20
Zinc	161		9.2	"	114	44.5	102	75-125	2	20
Reference (B2E0074-SRM1)										
Antimony	56.8		2	mg/kg dry	66.3		86	41.2-158		
Arsenic	255		2	"	254		100	60.9-139		
Barium	ND	U	5	"	1.61			62.5-138		
Beryllium	4.72		0.1	"	4.92		96	61.2-139		
Cadmium	10.1		0.5	"	11.0		92	70.6-128		
Chromium	26.5		1	"	27.2		97	68.3-132		
Cobalt	34.6		2	"	37.6		92	64.7-135		
Copper	1,430		4	"	1780		80	74.6-126		
Lead	51.4		3	"	57.2		90	72.8-127		
Nickel	15.2		5	"	16.4		93	55.2-145		
Selenium	11.3		2	"	10.0		113	41-159		

United States Environmental Protection Agency
Region 9 Laboratory
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Project Manager: Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number: R12S74	**75 Hawthorne Street**	**Reported:** 05/22/12 15:18
Project: Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0074 - 3050B Sld Acid Dig - Metals by 6010										**Prepared: 05/10/12 Analyzed: 05/16/12**
										Metals by EPA 6000/7000 Series Methods - Quality Control
Reference (B2E0074-SRM1)										
Silver	5.61		1	"	5.93		95	45.8-154		
Thallium	6.78		5	"	9.55		71	30.5-169		
Vanadium	17.4		2	"	17.7		99	65.9-135		
Zinc	44.8		8	"	47.7		94	43.2-157		
Batch B2E0077 - 245.1 Hg Prep. - Mercury										**Prepared & Analyzed: 05/14/12**
										Metals by EPA 200 Series Methods - Quality Control
Blank (B2E0077-BLK1)										
Mercury	ND	U	0.03	ug/L						
LCS (B2E0077-BS1)										
Mercury	0.229		0.03	ug/L	0.200		115	85-115		200
Batch B2E0110 - 245.1 Hg Prep. - Mercury										**Prepared: 05/16/12 Analyzed: 05/17/12**
										Metals by EPA 200 Series Methods - Quality Control
Blank (B2E0110-BLK1)										
Mercury	ND	U	0.03	ug/L						
Blank (B2E0110-BLK2)										
Mercury	ND	U	0.03	ug/L						
LCS (B2E0110-BS1)										
Mercury	0.226		0.03	ug/L	0.200		113	85-115		200
LCS (B2E0110-BS2)										
Mercury	0.238		0.03	ug/L	0.200		**119**	85-115		200
Matrix Spike (B2E0110-MS3)		**Source: 1205018-02**								
Mercury	0.346		0.03	ug/L	0.200	0.094	126	70-130		20
Matrix Spike Dup (B2E0110-MSD3)		**Source: 1205018-02**								
Mercury	0.639		0.12	ug/L	0.200	0.094	**272**	70-130	**59**	20

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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/22/12 15:18
Project:	Omega OU2 Spring 2012 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)
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).
J	The reported result for this analyte should be considered an estimated value.
C1	The reported concentration for this analyte is below the quantitation limit.
A3	The sample was prepped/analyzed past the recommended holding time.
U	Not Detected
NR	Not Reported
RE1, RE2, etc:	Result is from a sample re-analysis.

United States Environmental Protection Agency
Region 9 Laboratory

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

Date: **5/16/2012**

Subject: **Analytical Testing Results - Project R12S74**
SDG: 12129B

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

To: **Lynda Deschambault**
California Site Cleanup Section 1
SFD-7-1

Attached are the results from the analysis of samples from the **Omega OU2 Spring 2012 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.

Electronic CC: Tom Perina, CH2M-Hill
Daniel Jablonski, CH2M-Hill

Analyses included in this report:

Percent Solids	Extractable Petroleum Hydrocarbons by GC/FID
Extractable Petroleum Hydrocarbons by GC/FID	

United States Environmental Protection Agency
Region 9 Laboratory
1337 S. 46th Street, Building 201, Richmond, CA 94804
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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:41
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
IDW-SOIL-1	1205018-01	Soil	05/07/12 14:30	05/08/12 09:50
IDW-WATER-1	1205018-02	Water	05/07/12 15:30	05/08/12 09:50
IDW-WATER-2	1205018-03	Water	05/07/12 15:45	05/08/12 09:50

SDG ID 12129B

Work Order(s)

1205018

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:	Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number:	R12S74	**75 Hawthorne Street**	**Reported:** 05/16/12 11:41
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1205018-01									**Soil - Sampled: 05/07/12 14:30**
Sample ID: IDW-SOIL-1									
						Extractable Petroleum Hydrocarbons by EPA Method 8015B			
TPH - Diesel Range Organics		ND	U	5.8	mg/kg dry	B2E0048	05/08/12	05/09/12	8015C/SOP385
TPH - Oil Range Organics		ND	U	23	"	"	"	"	8015C/SOP385
Surrogate: Hexacosane			75 %	*41-148%*		"	"	"	
Sample ID: IDW-SOIL-1									
						Conventional Chemistry Parameters by APHA/EPA Methods			
% Solids		87		1	%	B2E0066	05/09/12	05/10/12	3550C/SOP460
Lab ID: 1205018-02									**Water - Sampled: 05/07/12 15:30**
Sample ID: IDW-WATER-1									
						Extractable Petroleum Hydrocarbons by EPA Method 8015B			
TPH - Diesel Range Organics		430	F13, J	250	ug/L	B2E0047	05/08/12	05/09/12	8015C/SOP385
TPH - Oil Range Organics		950	C1, J	1,000	"	"	"	"	8015C/SOP385
Surrogate: Hexacosane			84 %	*60-127%*		"	"	"	
Lab ID: 1205018-03									**Water - Sampled: 05/07/12 15:45**
Sample ID: IDW-WATER-2									
						Extractable Petroleum Hydrocarbons by EPA Method 8015B			
TPH - Diesel Range Organics		600	F13, J	250	ug/L	B2E0047	05/08/12	05/09/12	8015C/SOP385
TPH - Oil Range Organics		1,900		1,000	"	"	"	"	8015C/SOP385
Surrogate: Hexacosane			91 %	*60-127%*		"	"	"	

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Project Manager: Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number: R12S74	**75 Hawthorne Street**	**Reported:** 05/16/12 11:41
Project: Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0047 - 3520C CLLE - TPH - Extractable										**Prepared: 05/08/12 Analyzed: 05/09/12**
								Extractable Petroleum Hydrocarbons by EPA Method 8015B - Quality Control		
Blank (B2E0047-BLK1)										
TPH - Diesel Range Organics	ND	U	250	ug/L						
TPH - Oil Range Organics	ND	U	1,000	"						
Surrogate: Hexacosane	*139*			"	*150*		93	*60-127*		
LCS (B2E0047-BS1)										
TPH - Diesel Range Organics	1,190		250	ug/L	1500		79	54-115		200
Surrogate: Hexacosane	*139*			"	*150*		93	*60-127*		
Batch B2E0048 - 3545A ASE/PFE - TPH - Extractable										**Prepared: 05/08/12 Analyzed: 05/09/12**
								Extractable Petroleum Hydrocarbons by EPA Method 8015B - Quality Control		
Blank (B2E0048-BLK1)										
TPH - Diesel Range Organics	ND	U	5	mg/kg dry						
TPH - Oil Range Organics	ND	U	20	"						
Surrogate: Hexacosane	*4.42*			"	*5.00*		88	*41-148*		
LCS (B2E0048-BS1)										
TPH - Diesel Range Organics	41.2		5	mg/kg dry	50.0		82	59-110		200
Surrogate: Hexacosane	*4.32*			"	*5.00*		86	*41-148*		
Matrix Spike (B2E0048-MS1)		**Source: 1205018-01**								
TPH - Diesel Range Organics	42.6		5.8	mg/kg dry	58.1	ND	73	20-153		50
Surrogate: Hexacosane	*4.42*			"	*5.81*		76	*41-148*		
Matrix Spike Dup (B2E0048-MSD1)		**Source: 1205018-01**								
TPH - Diesel Range Organics	45.3		5.8	mg/kg dry	58.1	ND	78	20-153	6	50
Surrogate: Hexacosane	*4.61*			"	*5.81*		79	*41-148*		
Batch B2E0066 - Solids, Dry Weight (Prep) - Solids, Dry Weight										**Prepared: 05/09/12 Analyzed: 05/10/12**
								Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control		
Blank (B2E0066-BLK1)										
% Solids	ND	U	1	%						
Duplicate (B2E0066-DUP1)		**Source: 1205018-01**								
% Solids	86		1	%			87		0.3	20

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Project Manager: Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number: R12S74	**75 Hawthorne Street**	**Reported:** 05/16/12 11:41
Project: Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Qualifiers and Comments

J	The reported result for this analyte should be considered an estimated value.
F13	Fuel or Product Type: mixed or unknown
C1	The reported concentration for this analyte is below the quantitation limit.
U	Not Detected
NR	Not Reported
RE1, RE2, etc:	Result is from a sample re-analysis.

United States Environmental Protection Agency
Region 9 Laboratory

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

Date: **5/16/2012**

Subject: **Analytical Testing Results - Project R12S74**
SDG: 12129B

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

To: **Lynda Deschambault**
California Site Cleanup Section 1
SFD-7-1

Attached are the results from the analysis of samples from the **Omega OU2 Spring 2012 IDW Profiling** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

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

Electronic CC: Tom Perina, CH2M-Hill
Daniel Jablonski, CH2M-Hill

Analyses included in this report:

Percent Solids
Purgeable Petroleum Hydrocarbons by GC/FID
Purgeable Petroleum Hydrocarbons by GC/FID

United States Environmental Protection Agency
Region 9 Laboratory
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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:50
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
IDW-SOIL-1	1205018-01	Soil	05/07/12 14:30	05/08/12 09:50
IDW-WATER-1	1205018-02	Water	05/07/12 15:30	05/08/12 09:50
IDW-WATER-2	1205018-03	Water	05/07/12 15:45	05/08/12 09:50

SDG ID 12129B

Work Order(s)

1205018

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:	Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number:	R12S74	**75 Hawthorne Street**	**Reported:** 05/16/12 11:50
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1205018-01									**Soil - Sampled: 05/07/12 14:30**
Sample ID: IDW-SOIL-1									
						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	6	mg/kg dry	B2E0049	05/08/12	05/11/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene			85 %	*75-119%*		"	"	"	
Sample ID: IDW-SOIL-1									
						Conventional Chemistry Parameters by APHA/EPA Methods			
% Solids		87		1	%	B2E0066	05/09/12	05/10/12	3550C/SOP460
Lab ID: 1205018-02									**Water - Sampled: 05/07/12 15:30**
Sample ID: IDW-WATER-1									
						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2E0065	05/09/12	05/10/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene			97 %	*76-121%*		"	"	"	
Lab ID: 1205018-03									**Water - Sampled: 05/07/12 15:45**
Sample ID: IDW-WATER-2									
						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2E0065	05/09/12	05/10/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene			99 %	*76-121%*		"	"	"	

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Project Manager: Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number: R12S74	**75 Hawthorne Street**	**Reported:** 05/16/12 11:50
Project: Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0049 - 5035 TPHG - TPH - Purgeable										**Prepared: 05/08/12 Analyzed: 05/11/12**
								Purgeable Petroleum Hydrocarbons by EPA Method 8015C - Quality Control		
Blank (B2E0049-BLK1)										
TPH as Gasoline	ND	U	5	mg/kg dry						
Surrogate: a,a,a-Trifluorotoluene	*11.4*			*"*	*12.5*		91	*75-119*		
LCS (B2E0049-BS1)										
TPH as Gasoline	45.8		5	mg/kg dry	50.0		92	56-136		200
Surrogate: a,a,a-Trifluorotoluene	*10.4*			*"*	*12.5*		83	*75-119*		
Matrix Spike (B2E0049-MS1)		**Source: 1205018-01**								
TPH as Gasoline	48.7		5.1	mg/kg dry	47.4	ND	103	72-108		20
Surrogate: a,a,a-Trifluorotoluene	*10.6*			*"*	*11.8*		90	*75-119*		
Matrix Spike Dup (B2E0049-MSD1)		**Source: 1205018-01**								
TPH as Gasoline	51.6		5.3	mg/kg dry	48.9	ND	106	72-108	3	20
Surrogate: a,a,a-Trifluorotoluene	*10.6*			*"*	*12.2*		87	*75-119*		
Batch B2E0065 - 5030 P&T TPH-G - TPH - Purgeable										**Prepared: 05/09/12 Analyzed: 05/10/12**
								Purgeable Petroleum Hydrocarbons by EPA Method 8015C - Quality Control		
Blank (B2E0065-BLK1)										
TPH as Gasoline	ND	U	50	ug/L						
Surrogate: a,a,a-Trifluorotoluene	*120*			*"*	*125*		96	*76-121*		
LCS (B2E0065-BS1)										
TPH as Gasoline	391		50	ug/L	500		78	75-114		200
Surrogate: a,a,a-Trifluorotoluene	*123*			*"*	*125*		99	*76-121*		
Matrix Spike (B2E0065-MS1)		**Source: 1205018-02**								
TPH as Gasoline	387		50	ug/L	500	ND	77	71-114		11
Surrogate: a,a,a-Trifluorotoluene	*124*			*"*	*125*		99	*76-121*		
Matrix Spike Dup (B2E0065-MSD1)		**Source: 1205018-02**								
TPH as Gasoline	426		50	ug/L	500	ND	85	71-114	10	11
Surrogate: a,a,a-Trifluorotoluene	*123*			*"*	*125*		99	*76-121*		
Batch B2E0066 - Solids, Dry Weight (Prep) - Solids, Dry Weight										**Prepared: 05/09/12 Analyzed: 05/10/12**
								Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control		
Blank (B2E0066-BLK1)										
% Solids	ND	U	1	%						

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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:50
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0066 - Solids, Dry Weight (Prep) - Solids, Dry Weight									**Prepared: 05/09/12 Analyzed: 05/10/12**	
								Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control		
Blank (B2E0066-BLK1)										
Duplicate (B2E0066-DUP1)		**Source: 1205018-01**								
% Solids	86		1	%		87			0.3	20

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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:50
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Qualifiers and Comments

U	Not Detected
NR	Not Reported
RE1, RE2, etc:	Result is from a sample re-analysis.

United States Environmental Protection Agency
Region 9 Laboratory

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

Date: **5/16/2012**

Subject: **Analytical Testing Results - Project R12S74**
SDG: 12129B

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

To: **Lynda Deschambault**
California Site Cleanup Section 1
SFD-7-1

Attached are the results from the analysis of samples from the **Omega OU2 Spring 2012 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.

Electronic CC: Tom Perina, CH2M-Hill
Daniel Jablonski, CH2M-Hill

Analyses included in this report:

Percent Solids
Volatile Organic Compounds by GC/MS
Volatile Organic Compounds by GC/MS

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:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
IDW-SOIL-1	1205018-01	Soil	05/07/12 14:30	05/08/12 09:50
IDW-WATER-1	1205018-02	Water	05/07/12 15:30	05/08/12 09:50
IDW-WATER-2	1205018-03	Water	05/07/12 15:45	05/08/12 09:50

SDG ID 12129B

Work Order(s)

1205018

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Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID:	**1205018-01**								**Soil - Sampled: 05/07/12 14:30**
Sample ID:	**IDW-SOIL-1**								
						Volatile Organic Compounds by EPA Method 8260C			
Dichlorodifluoromethane		ND	U	2.4	ug/kg dry	B2E0053	05/08/12	05/08/12	8260C/SOP305
Chloromethane		ND	U	2.4	"	"	"	"	8260C/SOP305
Vinyl chloride		ND	U	2.4	"	"	"	"	8260C/SOP305
Bromomethane		ND	C3, J, U	2.4	"	"	"	"	8260C/SOP305
Chloroethane		ND	U	2.4	"	"	"	"	8260C/SOP305
Trichlorofluoromethane		ND	U	2.4	"	"	"	"	8260C/SOP305
1,1-Dichloroethene		ND	U	2.4	"	"	"	"	8260C/SOP305
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	2.4	"	"	"	"	8260C/SOP305
Acetone		ND	U	19	"	"	"	"	8260C/SOP305
Carbon disulfide		ND	U	2.4	"	"	"	"	8260C/SOP305
Dichloromethane		ND	U	2.4	"	"	"	"	8260C/SOP305
trans-1,2-Dichloroethene		ND	U	2.4	"	"	"	"	8260C/SOP305
tert-Butyl methyl ether (MTBE)		ND	U	9.4	"	"	"	"	8260C/SOP305
1,1-Dichloroethane		ND	U	2.4	"	"	"	"	8260C/SOP305
Ethyl tert-butyl ether		ND	U	9.4	"	"	"	"	8260C/SOP305
cis-1,2-Dichloroethene		ND	U	2.4	"	"	"	"	8260C/SOP305
2-Butanone (MEK)		ND	U	19	"	"	"	"	8260C/SOP305
Chloroform		ND	U	2.4	"	"	"	"	8260C/SOP305
1,1,1-Trichloroethane		ND	U	2.4	"	"	"	"	8260C/SOP305
Carbon tetrachloride		ND	U	2.4	"	"	"	"	8260C/SOP305
1,1-Dichloropropene		ND	U	2.4	"	"	"	"	8260C/SOP305
Benzene		ND	U	2.4	"	"	"	"	8260C/SOP305
1,2-Dichloroethane		ND	U	2.4	"	"	"	"	8260C/SOP305
tert-Amyl methyl ether		ND	C3, J, U	9.4	"	"	"	"	8260C/SOP305
Trichloroethene		ND	U	2.4	"	"	"	"	8260C/SOP305
1,2-Dichloropropane		ND	U	2.4	"	"	"	"	8260C/SOP305
Bromodichloromethane		ND	U	2.4	"	"	"	"	8260C/SOP305
cis-1,3-Dichloropropene		ND	U	2.4	"	"	"	"	8260C/SOP305
4-Methyl-2-pentanone (MIBK)		ND	U	19	"	"	"	"	8260C/SOP305
Toluene		ND	U	2.4	"	"	"	"	8260C/SOP305
trans-1,3-Dichloropropene		ND	C3, J, U	2.4	"	"	"	"	8260C/SOP305
1,1,2-Trichloroethane		ND	U	2.4	"	"	"	"	8260C/SOP305
Tetrachloroethene		ND	U	2.4	"	"	"	"	8260C/SOP305
1,3-Dichloropropane		ND	U	2.4	"	"	"	"	8260C/SOP305
2-Hexanone		ND	U	19	"	"	"	"	8260C/SOP305
Chlorodibromomethane		ND	U	2.4	"	"	"	"	8260C/SOP305

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Project Manager: Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B	
Project Number: R12S74	**75 Hawthorne Street**	**Reported:** 05/16/12 11:54	
Project: Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**		

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1205018-01									**Soil - Sampled: 05/07/12 14:30**
Sample ID: IDW-SOIL-1									**Volatile Organic Compounds by EPA Method 8260C**
1,2-Dibromoethane (EDB)		ND	U	2.4	ug/kg dry	B2E0053	05/08/12	05/08/12	8260C/SOP305
Chlorobenzene		ND	U	2.4	"	"	"	"	8260C/SOP305
Ethylbenzene		ND	U	2.4	"	"	"	"	8260C/SOP305
m&p-Xylene		ND	U	4.7	"	"	"	"	8260C/SOP305
o-Xylene		ND	U	2.4	"	"	"	"	8260C/SOP305
Styrene		ND	U	2.4	"	"	"	"	8260C/SOP305
Bromoform		ND	C3, J, U	2.4	"	"	"	"	8260C/SOP305
1,1,2,2-Tetrachloroethane		ND	U	2.4	"	"	"	"	8260C/SOP305
1,2,3-Trichloropropane		ND	U	2.4	"	"	"	"	8260C/SOP305
1,3-Dichlorobenzene		ND	U	2.4	"	"	"	"	8260C/SOP305
1,4-Dichlorobenzene		ND	U	2.4	"	"	"	"	8260C/SOP305
1,2-Dichlorobenzene		ND	U	2.4	"	"	"	"	8260C/SOP305
1,2-Dibromo-3-chloropropane		ND	C3, J, U	9.4	"	"	"	"	8260C/SOP305
Surrogate: 1,2-Dichloroethane-d4			105 %	*61-140%*		"	"	"	
Surrogate: Toluene-d8			100 %	*66-142%*		"	"	"	
Surrogate: 4-Bromofluorobenzene			94 %	*61-130%*		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			92 %	*72-119%*		"	"	"	
Sample ID: IDW-SOIL-1									**Conventional Chemistry Parameters by APHA/EPA Methods**
% Solids		87		1	%	B2E0066	05/09/12	05/10/12	3550C/SOP460
Lab ID: 1205018-02									**Water - Sampled: 05/07/12 15:30**
Sample ID: IDW-WATER-1									**Volatile Organic Compounds by EPA Method 524.2**
Dichlorodifluoromethane		ND	C3, J, U	0.5	ug/L	B2E0064	05/09/12	05/09/12	524.2/SOP354
Chloromethane		ND	U	0.5	"	"	"	"	524.2/SOP354
Vinyl chloride		ND	U	0.5	"	"	"	"	524.2/SOP354
Bromomethane		ND	U	0.5	"	"	"	"	524.2/SOP354
Chloroethane		ND	U	0.5	"	"	"	"	524.2/SOP354
Trichlorofluoromethane		0.7		0.5	"	"	"	"	524.2/SOP354
1,1-Dichloroethene		2.8		0.5	"	"	"	"	524.2/SOP354
1,1,2-Trichloro-1,2,2-trifluoroethane		1.6		0.5	"	"	"	"	524.2/SOP354
Acetone		3.3	C1, C3, J	4	"	"	"	"	524.2/SOP354
Dichloromethane		ND	U	0.5	"	"	"	"	524.2/SOP354
trans-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2/SOP354
tert-Butyl methyl ether (MTBE)		ND	U	2	"	"	"	"	524.2/SOP354
1,1-Dichloroethane		0.9		0.5	"	"	"	"	524.2/SOP354
2,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2/SOP354
cis-1,2-Dichloroethene		1.0		0.5	"	"	"	"	524.2/SOP354
2-Butanone (MEK)		ND	U	4	"	"	"	"	524.2/SOP354

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Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID:	**1205018-02**								**Water - Sampled: 05/07/12 15:30**
Sample ID:	**IDW-WATER-1**								
							Volatile Organic Compounds by EPA Method 524.2		
Bromochloromethane		ND	U	0.5	ug/L	B2E0064	05/09/12	05/09/12	524.2/SOP354
Chloroform		0.4	C1, J	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		0.4	C1, J	0.5	"	"	"	"	524.2/SOP354
1,2-Dichloroethane		0.7		0.5	"	"	"	"	524.2/SOP354
Trichloroethene		11		0.5	"	"	"	"	524.2/SOP354
1,2-Dichloropropane		0.4	C1, J	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		1.6		0.5	"	"	"	"	524.2/SOP354
trans-1,3-Dichloropropene		ND	C3, J, U	0.5	"	"	"	"	524.2/SOP354
1,1,2-Trichloroethane		ND	U	0.5	"	"	"	"	524.2/SOP354
Tetrachloroethene		9.4		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
Chlorobenzene		ND	U	0.5	"	"	"	"	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		ND	U	1	"	"	"	"	524.2/SOP354
o-Xylene		0.3	C1, J	0.5	"	"	"	"	524.2/SOP354
Styrene		ND	U	0.5	"	"	"	"	524.2/SOP354
Bromoform		ND	C3, J, 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		ND	U	0.5	"	"	"	"	524.2/SOP354
sec-Butylbenzene		ND	U	0.5	"	"	"	"	524.2/SOP354

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Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1205018-02									**Water - Sampled: 05/07/12 15:30**
Sample ID: IDW-WATER-1									**Volatile Organic Compounds by EPA Method 524.2**
1,3-Dichlorobenzene		ND	U	0.5	ug/L	B2E0064	05/09/12	05/09/12	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	C3, J, U	2	"	"	"	"	524.2/SOP354
1,2,4-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2/SOP354
Hexachlorobutadiene		ND	U	0.5	"	"	"	"	524.2/SOP354
Naphthalene		ND	C3, J, U	0.5	"	"	"	"	524.2/SOP354
1,2,3-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2/SOP354
Surrogate: 1,2-Dichloroethane-d4			114 %	*76-130%*		"	"	"	
Surrogate: Toluene-d8			100 %	*83-120%*		"	"	"	
Surrogate: 4-Bromofluorobenzene			98 %	*74-110%*		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			102 %	*69-120%*		"	"	"	
Lab ID: 1205018-03									**Water - Sampled: 05/07/12 15:45**
Sample ID: IDW-WATER-2									**Volatile Organic Compounds by EPA Method 524.2**
Dichlorodifluoromethane		ND	C3, J, U	0.5	ug/L	B2E0064	05/09/12	05/09/12	524.2/SOP354
Chloromethane		0.3	C1, J	0.5	"	"	"	"	524.2/SOP354
Vinyl chloride		ND	U	0.5	"	"	"	"	524.2/SOP354
Bromomethane		ND	U	0.5	"	"	"	"	524.2/SOP354
Chloroethane		ND	U	0.5	"	"	"	"	524.2/SOP354
Trichlorofluoromethane		0.8		0.5	"	"	"	"	524.2/SOP354
1,1-Dichloroethene		3.0		0.5	"	"	"	"	524.2/SOP354
1,1,2-Trichloro-1,2,2-trifluoroethane		1.7		0.5	"	"	"	"	524.2/SOP354
Acetone		3.6	C1, C3, J	4	"	"	"	"	524.2/SOP354
Dichloromethane		ND	U	0.5	"	"	"	"	524.2/SOP354
trans-1,2-Dichloroethene		ND	U	0.5	"	"	"	"	524.2/SOP354
tert-Butyl methyl ether (MTBE)		ND	U	2	"	"	"	"	524.2/SOP354
1,1-Dichloroethane		1.0		0.5	"	"	"	"	524.2/SOP354
2,2-Dichloropropane		ND	U	0.5	"	"	"	"	524.2/SOP354
cis-1,2-Dichloroethene		1.1		0.5	"	"	"	"	524.2/SOP354
2-Butanone (MEK)		ND	U	4	"	"	"	"	524.2/SOP354
Bromochloromethane		ND	U	0.5	"	"	"	"	524.2/SOP354
Chloroform		0.5		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

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Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Sample Results

Lab ID: 1205018-03 — **Water - Sampled: 05/07/12 15:45**

Sample ID: IDW-WATER-2

Volatile Organic Compounds by EPA Method 524.2

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Benzene		0.4	C1, J	0.5	ug/L	B2E0064	05/09/12	05/09/12	524.2/SOP354
1,2-Dichloroethane		0.6		0.5	"	"	"	"	524.2/SOP354
Trichloroethene		10		0.5	"	"	"	"	524.2/SOP354
1,2-Dichloropropane		0.4	C1, J	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		1.5		0.5	"	"	"	"	524.2/SOP354
trans-1,3-Dichloropropene		ND	C3, J, U	0.5	"	"	"	"	524.2/SOP354
1,1,2-Trichloroethane		ND	U	0.5	"	"	"	"	524.2/SOP354
Tetrachloroethene		8.9		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
Chlorobenzene		ND	U	0.5	"	"	"	"	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		ND	U	1	"	"	"	"	524.2/SOP354
o-Xylene		0.3	C1, J	0.5	"	"	"	"	524.2/SOP354
Styrene		ND	U	0.5	"	"	"	"	524.2/SOP354
Bromoform		ND	C3, J, 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		ND	U	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

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:	Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number:	R12S74	**75 Hawthorne Street**	**Reported:** 05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: **1205018-03**									**Water - Sampled: 05/07/12 15:45**
Sample ID: **IDW-WATER-2**									
						Volatile Organic Compounds by EPA Method 524.2			
1,2-Dibromo-3-chloropropane		ND	C3, J, U	2	ug/L	B2E0064	05/09/12	05/09/12	524.2/SOP354
1,2,4-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2/SOP354
Hexachlorobutadiene		ND	U	0.5	"	"	"	"	524.2/SOP354
Naphthalene		ND	C3, J, U	0.5	"	"	"	"	524.2/SOP354
1,2,3-Trichlorobenzene		ND	U	0.5	"	"	"	"	524.2/SOP354
Surrogate: 1,2-Dichloroethane-d4			111 %	*76-130%*		"	"	"	
Surrogate: Toluene-d8			101 %	*83-120%*		"	"	"	
Surrogate: 4-Bromofluorobenzene			96 %	*74-110%*		"	"	"	
Surrogate: 1,2-Dichlorobenzene-d4			102 %	*69-120%*		"	"	"	

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Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0053 - 5035 VOA Solid - VOCs, solids, low level										**Prepared & Analyzed: 05/08/12**
										Volatile Organic Compounds by EPA Method 8260C - Quality Control
Blank (B2E0053-BLK1)										
Dichlorodifluoromethane	ND	U	2.5	ug/kg dry						
Chloromethane	ND	U	2.5	"						
Vinyl chloride	ND	U	2.5	"						
Bromomethane	ND	C3, 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	ND	U	2.5	"						
Acetone	ND	U	20	"						
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	10	"						
1,1-Dichloroethane	ND	U	2.5	"						
Ethyl tert-butyl ether	ND	U	10	"						
cis-1,2-Dichloroethene	ND	U	2.5	"						
2-Butanone (MEK)	ND	U	20	"						
Chloroform	ND	U	2.5	"						
1,1,1-Trichloroethane	ND	U	2.5	"						
Carbon tetrachloride	ND	U	2.5	"						
1,1-Dichloropropene	ND	U	2.5	"						
Benzene	ND	U	2.5	"						
1,2-Dichloroethane	ND	U	2.5	"						
tert-Amyl methyl ether	ND	C3, J, U	10	"						
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	"						
4-Methyl-2-pentanone (MIBK)	ND	U	20	"						
Toluene	ND	U	2.5	"						
trans-1,3-Dichloropropene	ND	C3, J, U	2.5	"						
1,1,2-Trichloroethane	ND	U	2.5	"						
Tetrachloroethene	ND	U	2.5	"						
1,3-Dichloropropane	ND	U	2.5	"						
2-Hexanone	ND	U	20	"						
Chlorodibromomethane	ND	U	2.5	"						
1,2-Dibromoethane (EDB)	ND	U	2.5	"						
Chlorobenzene	ND	U	2.5	"						
Ethylbenzene	ND	U	2.5	"						
m&p-Xylene	ND	U	5	"						
o-Xylene	ND	U	2.5	"						

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Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0053 - 5035 VOA Solid - VOCs, solids, low level										**Prepared & Analyzed: 05/08/12**
										Volatile Organic Compounds by EPA Method 8260C - Quality Control
Blank (B2E0053-BLK1)										
Styrene	ND	U	2.5	"						
Bromoform	ND	C3, J, 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	C3, J, U	10	"						
Surrogate: 1,2-Dichloroethane-d4	*25.9*			*"*	*25.0*		103	*61-140*		
Surrogate: Toluene-d8	*25.9*			*"*	*25.0*		104	*66-142*		
Surrogate: 4-Bromofluorobenzene	*22.5*			*"*	*25.0*		90	*61-130*		
Surrogate: 1,2-Dichlorobenzene-d4	*22.7*			*"*	*25.0*		91	*72-119*		
LCS (B2E0053-BS1)										
Dichlorodifluoromethane	17.5		2.5	ug/kg dry	25.0		70	34-155		200
Chloromethane	19.3		2.5	"	25.0		77	67-136		200
Vinyl chloride	22.6		2.5	"	25.0		90	73-131		200
Bromomethane	23.8		2.5	"	25.0		95	63-158		200
Chloroethane	24.6		2.5	"	25.0		98	72-141		200
Trichlorofluoromethane	24.1		2.5	"	25.0		96	65-141		200
1,1-Dichloroethene	23.2		2.5	"	25.0		93	76-135		200
1,1,2-Trichloro-1,2,2-trifluoroethane	25.2		2.5	"	25.0		101	74-141		200
Acetone	162		20	"	200		81	36-135		200
Dichloromethane	23.4		2.5	"	25.0		94	83-120		200
trans-1,2-Dichloroethene	25.3		2.5	"	25.0		101	84-130		200
tert-Butyl methyl ether (MTBE)	101		10	"	100		101	73-132		200
1,1-Dichloroethane	24.4		2.5	"	25.0		98	84-125		200
cis-1,2-Dichloroethene	25		2.5	"	25.0		100	87-131		200
2-Butanone (MEK)	183		20	"	200		91	58-146		200
Chloroform	24.6		2.5	"	25.0		99	85-125		200
1,1,1-Trichloroethane	27.3		2.5	"	25.0		109	72-129		200
Carbon tetrachloride	25.4		2.5	"	25.0		102	75-132		200
1,1-Dichloropropene	26.5		2.5	"	25.0		106	80-127		200
Benzene	25.9		2.5	"	25.0		104	84-123		200
1,2-Dichloroethane	26.5		2.5	"	25.0		106	70-131		200
Trichloroethene	25.2		2.5	"	25.0		101	83-123		200
1,2-Dichloropropane	25.2		2.5	"	25.0		101	85-124		200
Bromodichloromethane	25.5		2.5	"	25.0		102	81-125		200
cis-1,3-Dichloropropene	28.5		2.5	"	25.0		114	81-130		200
4-Methyl-2-pentanone (MIBK)	193		20	"	200		96	63-148		200

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Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0053 - 5035 VOA Solid - VOCs, solids, low level										**Prepared & Analyzed: 05/08/12**
										Volatile Organic Compounds by EPA Method 8260C - Quality Control
LCS (B2E0053-BS1)										
Toluene	26.1		2.5	"	25.0		104	82-125		200
trans-1,3-Dichloropropene	27.2		2.5	"	25.0		109	82-130		200
1,1,2-Trichloroethane	25.4		2.5	"	25.0		101	77-140		200
Tetrachloroethene	25.8		2.5	"	25.0		103	80-127		200
1,3-Dichloropropane	26.2		2.5	"	25.0		105	83-128		200
2-Hexanone	195		20	"	200		98	51-168		200
Chlorodibromomethane	26.1		2.5	"	25.0		104	87-126		200
1,2-Dibromoethane (EDB)	27.6		2.5	"	25.0		110	86-126		200
Chlorobenzene	25.6		2.5	"	25.0		102	88-119		200
Ethylbenzene	26.5		2.5	"	25.0		106	82-126		200
m&p-Xylene	52.2		5	"	50.0		104	84-126		200
o-Xylene	27.6		2.5	"	25.0		110	83-132		200
Styrene	25.9		2.5	"	25.0		104	85-131		200
Bromoform	27.4		2.5	"	25.0		110	83-135		200
1,1,2,2-Tetrachloroethane	26.8		2.5	"	25.0		107	78-134		200
1,2,3-Trichloropropane	26.4		2.5	"	25.0		106	79-131		200
1,3-Dichlorobenzene	25.6		2.5	"	25.0		102	84-126		200
1,4-Dichlorobenzene	26.4		2.5	"	25.0		106	82-127		200
1,2-Dichlorobenzene	27.1		2.5	"	25.0		109	84-126		200
1,2-Dibromo-3-chloropropane	25		10	"	25.0		100	33-171		200
Surrogate: 1,2-Dichloroethane-d4	*25.4*			*"*	*25.0*		102	*61-140*		
Surrogate: Toluene-d8	*24.9*			*"*	*25.0*		100	*66-142*		
Surrogate: 4-Bromofluorobenzene	*25.4*			*"*	*25.0*		102	*61-130*		
Surrogate: 1,2-Dichlorobenzene-d4	*26.8*			*"*	*25.0*		107	*72-119*		
Matrix Spike (B2E0053-MS1)		**Source: 1205018-01**								
Dichlorodifluoromethane	20.1		2.2	ug/kg dry	22.5	ND	89	34-155		20
Chloromethane	20.5		2.2	"	22.5	ND	91	67-136		20
Vinyl chloride	22.1		2.2	"	22.5	ND	98	73-131		20
Bromomethane	20.7		2.2	"	22.5	ND	92	63-158		20
Chloroethane	21.6		2.2	"	22.5	ND	96	72-141		20
Trichlorofluoromethane	21.9		2.2	"	22.5	ND	97	65-141		20
1,1-Dichloroethene	22		2.2	"	22.5	ND	98	76-135		20
1,1,2-Trichloro-1,2,2-trifluoroethane	21.9		2.2	"	22.5	ND	97	74-141		20
Acetone	159		18	"	180	ND	89	36-135		20
Dichloromethane	20.3		2.2	"	22.5	ND	91	83-120		20
trans-1,2-Dichloroethene	22		2.2	"	22.5	ND	98	84-130		20
tert-Butyl methyl ether (MTBE)	84.2		9	"	89.8	ND	94	73-132		20
1,1-Dichloroethane	21.9		2.2	"	22.5	ND	97	84-125		20
cis-1,2-Dichloroethene	21.4		2.2	"	22.5	ND	95	87-131		20

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Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Batch B2E0053 - 5035 VOA Solid - VOCs, solids, low level — **Prepared & Analyzed: 05/08/12**

Volatile Organic Compounds by EPA Method 8260C - Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (B2E0053-MS1)		**Source: 1205018-01**								
2-Butanone (MEK)	166		18	"	180	ND	93	58-146		20
Chloroform	21.7		2.2	"	22.5	ND	97	85-125		20
1,1,1-Trichloroethane	23.4		2.2	"	22.5	ND	104	72-129		20
Carbon tetrachloride	23		2.2	"	22.5	ND	102	75-132		20
1,1-Dichloropropene	22.4		2.2	"	22.5	ND	100	80-127		20
Benzene	22.8		2.2	"	22.5	ND	102	84-123		20
1,2-Dichloroethane	21.5		2.2	"	22.5	ND	96	70-131		20
Trichloroethene	23		2.2	"	22.5	ND	102	83-123		20
1,2-Dichloropropane	21.2		2.2	"	22.5	ND	94	85-124		20
Bromodichloromethane	22.6		2.2	"	22.5	ND	100	81-125		20
cis-1,3-Dichloropropene	22.8		2.2	"	22.5	ND	101	81-130		20
4-Methyl-2-pentanone (MIBK)	170		18	"	180	ND	95	63-148		20
Toluene	23.6		2.2	"	22.5	ND	105	82-125		20
trans-1,3-Dichloropropene	23.4		2.2	"	22.5	ND	104	82-130		20
1,1,2-Trichloroethane	21.8		2.2	"	22.5	ND	97	77-140		20
Tetrachloroethene	23.1		2.2	"	22.5	ND	103	80-127		20
1,3-Dichloropropane	22.6		2.2	"	22.5	ND	101	83-128		20
2-Hexanone	161		18	"	180	ND	90	51-168		20
Chlorodibromomethane	22.2		2.2	"	22.5	ND	99	87-126		20
1,2-Dibromoethane (EDB)	22.8		2.2	"	22.5	ND	101	86-126		20
Chlorobenzene	22.1		2.2	"	22.5	ND	99	88-119		20
Ethylbenzene	23.7		2.2	"	22.5	ND	106	82-126		20
m&p-Xylene	46.1		4.5	"	44.9	ND	103	84-126		20
o-Xylene	24.3		2.2	"	22.5	ND	108	83-132		20
Styrene	23.4		2.2	"	22.5	ND	104	85-131		20
Bromoform	22.7		2.2	"	22.5	ND	101	83-135		20
1,1,2,2-Tetrachloroethane	22.8		2.2	"	22.5	ND	102	78-134		20
1,2,3-Trichloropropane	22.9		2.2	"	22.5	ND	102	79-131		20
1,3-Dichlorobenzene	22.6		2.2	"	22.5	ND	101	84-126		20
1,4-Dichlorobenzene	22.7		2.2	"	22.5	ND	101	82-127		20
1,2-Dichlorobenzene	23.1		2.2	"	22.5	ND	103	84-126		20
1,2-Dibromo-3-chloropropane	93		9	"	89.8	ND	103	33-171		20
Surrogate: 1,2-Dichloroethane-d4	*24.7*			*"*	*25.0*		99	*61-140*		
Surrogate: Toluene-d8	*25.8*			*"*	*25.0*		103	*66-142*		
Surrogate: 4-Bromofluorobenzene	*26.2*			*"*	*25.0*		105	*61-130*		
Surrogate: 1,2-Dichlorobenzene-d4	*26.2*			*"*	*25.0*		105	*72-119*		
Matrix Spike Dup (B2E0053-MSD1)		**Source: 1205018-01**								
Dichlorodifluoromethane	23.9		2.5	ug/kg dry	24.9	ND	96	34-155	7	20
Chloromethane	21.6		2.5	"	24.9	ND	86	67-136	6	20

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Quality Control

Batch B2E0053 - 5035 VOA Solid - VOCs, solids, low level — **Prepared & Analyzed: 05/08/12**

Volatile Organic Compounds by EPA Method 8260C - Quality Control

Matrix Spike Dup (B2E0053-MSD1) — **Source: 1205018-01**

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Vinyl chloride	24.2		2.5	"	24.9	ND	97	73-131	2	20
Bromomethane	24.2		2.5	"	24.9	ND	97	63-158	5	20
Chloroethane	25.1		2.5	"	24.9	ND	100	72-141	4	20
Trichlorofluoromethane	25.4		2.5	"	24.9	ND	102	65-141	4	20
1,1-Dichloroethene	25.1		2.5	"	24.9	ND	101	76-135	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	24.7		2.5	"	24.9	ND	99	74-141	2	20
Acetone	187		20	"	200	ND	94	36-135	6	20
Dichloromethane	23.1		2.5	"	24.9	ND	92	83-120	2	20
trans-1,2-Dichloroethene	24.4		2.5	"	24.9	ND	98	84-130	0.07	20
tert-Butyl methyl ether (MTBE)	96.8		10	"	99.8	ND	97	73-132	4	20
1,1-Dichloroethane	24.8		2.5	"	24.9	ND	99	84-125	2	20
cis-1,2-Dichloroethene	24.1		2.5	"	24.9	ND	97	87-131	1	20
2-Butanone (MEK)	191		20	"	200	ND	96	58-146	3	20
Chloroform	23.4		2.5	"	24.9	ND	94	85-125	3	20
1,1,1-Trichloroethane	25.3		2.5	"	24.9	ND	102	72-129	3	20
Carbon tetrachloride	25.1		2.5	"	24.9	ND	101	75-132	2	20
1,1-Dichloropropene	25.5		2.5	"	24.9	ND	102	80-127	2	20
Benzene	24.4		2.5	"	24.9	ND	98	84-123	4	20
1,2-Dichloroethane	23.7		2.5	"	24.9	ND	95	70-131	0.8	20
Trichloroethene	24.7		2.5	"	24.9	ND	99	83-123	3	20
1,2-Dichloropropane	24		2.5	"	24.9	ND	96	85-124	2	20
Bromodichloromethane	24.4		2.5	"	24.9	ND	98	81-125	3	20
cis-1,3-Dichloropropene	25.9		2.5	"	24.9	ND	104	81-130	2	20
4-Methyl-2-pentanone (MIBK)	189		20	"	200	ND	95	63-148	0.2	20
Toluene	25.5		2.5	"	24.9	ND	102	82-125	3	20
trans-1,3-Dichloropropene	26.8		2.5	"	24.9	ND	107	82-130	3	20
1,1,2-Trichloroethane	24.6		2.5	"	24.9	ND	99	77-140	2	20
Tetrachloroethene	25.6		2.5	"	24.9	ND	102	80-127	0.5	20
1,3-Dichloropropane	24.5		2.5	"	24.9	ND	98	83-128	3	20
2-Hexanone	163		20	"	200	ND	81	51-168	10	20
Chlorodibromomethane	24.1		2.5	"	24.9	ND	97	87-126	2	20
1,2-Dibromoethane (EDB)	25.5		2.5	"	24.9	ND	102	86-126	0.9	20
Chlorobenzene	24.4		2.5	"	24.9	ND	98	88-119	0.8	20
Ethylbenzene	26		2.5	"	24.9	ND	104	82-126	1	20
m&p-Xylene	50.3		5	"	49.9	ND	101	84-126	2	20
o-Xylene	26.2		2.5	"	24.9	ND	105	83-132	3	20
Styrene	25.1		2.5	"	24.9	ND	100	85-131	4	20
Bromoform	24.9		2.5	"	24.9	ND	100	83-135	1	20
1,1,2,2-Tetrachloroethane	24.5		2.5	"	24.9	ND	98	78-134	3	20
1,2,3-Trichloropropane	24.5		2.5	"	24.9	ND	98	79-131	4	20
1,3-Dichlorobenzene	24.7		2.5	"	24.9	ND	99	84-126	2	20
1,4-Dichlorobenzene	24		2.5	"	24.9	ND	96	82-127	5	20

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Region 9 Laboratory
1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number: R12S74	**75 Hawthorne Street**	**Reported:** 05/16/12 11:54
Project: Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0053 - 5035 VOA Solid - VOCs, solids, low level										**Prepared & Analyzed: 05/08/12**
										Volatile Organic Compounds by EPA Method 8260C - Quality Control
Matrix Spike Dup (B2E0053-MSD1)		**Source: 1205018-01**								
1,2-Dichlorobenzene	24.8		2.5	"	24.9	ND	99	84-126	4	20
1,2-Dibromo-3-chloropropane	107		10	"	99.8	ND	107	33-171	3	20
Surrogate: 1,2-Dichloroethane-d4	*25.4*			*"*	*25.0*		102	*61-140*		
Surrogate: Toluene-d8	*25.6*			*"*	*25.0*		103	*66-142*		
Surrogate: 4-Bromofluorobenzene	*25.8*			*"*	*25.0*		103	*61-130*		
Surrogate: 1,2-Dichlorobenzene-d4	*26.5*			*"*	*25.0*		106	*72-119*		
Batch B2E0064 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 05/09/12**
										Volatile Organic Compounds by EPA Method 524.2 - Quality Control
Blank (B2E0064-BLK1)										
Dichlorodifluoromethane	ND	C3, J, U	0.5	ug/L						
Chloromethane	ND	U	0.5	"						
Vinyl chloride	ND	U	0.5	"						
Bromomethane	ND	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	"						
Dichloromethane	ND	U	0.5	"						
trans-1,2-Dichloroethene	ND	U	0.5	"						
tert-Butyl methyl ether (MTBE)	ND	U	2	"						
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	"						
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	"						

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Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Batch B2E0064 - 5030 P&T VOA - VOCs — **Prepared & Analyzed: 05/09/12**

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 (B2E0064-BLK1)										
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	"						
o-Xylene	ND	U	0.5	"						
Styrene	ND	U	0.5	"						
Bromoform	ND	C3, J, U	0.5	"						
Isopropylbenzene	ND	U	0.5	"						
Bromobenzene	ND	U	0.5	"						
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	C3, J, U	2	"						
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	*5.62*			*"*	*5.00*		112	*76-130*		
Surrogate: Toluene-d8	*5.02*			*"*	*5.00*		100	*83-120*		
Surrogate: 4-Bromofluorobenzene	*4.77*			*"*	*5.00*		95	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*4.63*			*"*	*5.00*		93	*69-120*		
LCS (B2E0064-BS1)										
Dichlorodifluoromethane	4.11		0.5	ug/L	5.00		82	5.7-180		200
Chloromethane	4.47		0.5	"	5.00		89	47-140		200
Vinyl chloride	4.31		0.5	"	5.00		86	70-130		200

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Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Batch B2E0064 - 5030 P&T VOA - VOCs — **Prepared & Analyzed: 05/09/12**

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
LCS (B2E0064-BS1)										
Bromomethane	5.23		0.5	"	5.00		105	50-160		200
Chloroethane	4.47		0.5	"	5.00		89	68-140		200
Trichlorofluoromethane	4.56		0.5	"	5.00		91	63-150		200
1,1-Dichloroethene	5.34		0.5	"	5.00		107	70-130		200
1,1,2-Trichloro-1,2,2-trifluoroethane	4.61		0.5	"	5.00		92	53-150		200
Acetone	34.9		4	"	40.0		87	32-190		200
Dichloromethane	4.38		0.5	"	5.00		88	70-130		200
trans-1,2-Dichloroethene	4.47		0.5	"	5.00		89	70-130		200
tert-Butyl methyl ether (MTBE)	18.9		2	"	20.0		95	59-150		200
1,1-Dichloroethane	4.62		0.5	"	5.00		92	70-140		200
2,2-Dichloropropane	5.05		0.5	"	5.00		101	60-150		200
cis-1,2-Dichloroethene	4.55		0.5	"	5.00		91	70-130		200
2-Butanone (MEK)	39.5		4	"	40.0		99	58-150		200
Bromochloromethane	4.82		0.5	"	5.00		96	55-150		200
Chloroform	4.67		0.5	"	5.00		93	70-130		200
1,1,1-Trichloroethane	4.86		0.5	"	5.00		97	70-130		200
Carbon tetrachloride	5.03		0.5	"	5.00		101	70-130		200
1,1-Dichloropropene	4.74		0.5	"	5.00		95	75-130		200
Benzene	4.69		0.5	"	5.00		94	70-130		200
1,2-Dichloroethane	5.27		0.5	"	5.00		105	70-130		200
Trichloroethene	4.77		0.5	"	5.00		95	70-130		200
1,2-Dichloropropane	4.82		0.5	"	5.00		96	70-130		200
Dibromomethane	5.03		0.5	"	5.00		101	80-120		200
Bromodichloromethane	5.04		0.5	"	5.00		101	70-130		200
cis-1,3-Dichloropropene	5.28		0.5	"	5.00		106	81-130		200
Toluene	4.74		0.5	"	5.00		95	70-130		200
trans-1,3-Dichloropropene	5.54		0.5	"	5.00		111	80-140		200
1,1,2-Trichloroethane	5		0.5	"	5.00		100	70-130		200
Tetrachloroethene	4.7		0.5	"	5.00		94	70-130		200
1,3-Dichloropropane	5.14		0.5	"	5.00		103	78-120		200
Chlorodibromomethane	5.33		0.5	"	5.00		107	70-130		200
1,2-Dibromoethane (EDB)	4.96		0.5	"	5.00		99	83-120		200
Chlorobenzene	4.92		0.5	"	5.00		98	70-130		200
1,1,1,2-Tetrachloroethane	5.34		0.5	"	5.00		107	82-130		200
Ethylbenzene	4.92		0.5	"	5.00		98	70-130		200
m&p-Xylene	9.78		1	"	10.0		98	70-130		200
o-Xylene	4.96		0.5	"	5.00		99	70-130		200
Styrene	5.16		0.5	"	5.00		103	70-130		200
Bromoform	5.08		0.5	"	5.00		102	70-130		200
Isopropylbenzene	4.95		0.5	"	5.00		99	83-130		200
Bromobenzene	5.08		0.5	"	5.00		102	84-120		200
1,1,2,2-Tetrachloroethane	4.98		0.5	"	5.00		100	80-120		200

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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0064 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 05/09/12**
										Volatile Organic Compounds by EPA Method 524.2 - Quality Control
LCS (B2E0064-BS1)										
1,2,3-Trichloropropane	5.33		0.5	"	5.00		107	79-130		200
Propylbenzene	4.92		0.5	"	5.00		98	83-130		200
2-Chlorotoluene	5		0.5	"	5.00		100	84-120		200
4-Chlorotoluene	5.05		0.5	"	5.00		101	85-120		200
1,3,5-Trimethylbenzene	4.94		0.5	"	5.00		99	84-120		200
tert-Butylbenzene	4.98		0.5	"	5.00		100	83-130		200
1,2,4-Trimethylbenzene	5.06		0.5	"	5.00		101	86-120		200
sec-Butylbenzene	4.8		0.5	"	5.00		96	81-130		200
1,3-Dichlorobenzene	4.91		0.5	"	5.00		98	83-120		200
p-Isopropyltoluene	5.04		0.5	"	5.00		101	83-130		200
1,4-Dichlorobenzene	5		0.5	"	5.00		100	70-130		200
1,2-Dichlorobenzene	5.01		0.5	"	5.00		100	70-130		200
Butylbenzene	4.91		0.5	"	5.00		98	83-130		200
1,2-Dibromo-3-chloropropane	22		2	"	20.0		110	64-131		200
1,2,4-Trichlorobenzene	5.25		0.5	"	5.00		105	70-130		200
Hexachlorobutadiene	4.76		0.5	"	5.00		95	76-130		200
Naphthalene	5.44		0.5	"	5.00		109	64-150		200
1,2,3-Trichlorobenzene	5.14		0.5	"	5.00		103	58-150		200
Surrogate: 1,2-Dichloroethane-d4	*5.40*			*"*	*5.00*		108	*76-130*		
Surrogate: Toluene-d8	*5.14*			*"*	*5.00*		103	*83-120*		
Surrogate: 4-Bromofluorobenzene	*5.30*			*"*	*5.00*		106	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.37*			*"*	*5.00*		107	*69-120*		
Matrix Spike (B2E0064-MS1)		**Source: 1205018-03**								
Dichlorodifluoromethane	5.65		0.5	ug/L	5.00	ND	113	25-135		20
Chloromethane	5.16		0.5	"	5.00	0.268	98	47-140		20
Vinyl chloride	5.34		0.5	"	5.00	ND	107	43-150		20
Bromomethane	5.98		0.5	"	5.00	ND	120	38-160		20
Chloroethane	5.38		0.5	"	5.00	ND	108	59-140		20
Trichlorofluoromethane	7.28		0.5	"	5.00	0.79	130	44-170		20
1,1-Dichloroethene	8.43		0.5	"	5.00	2.99	109	33-160		20
1,1,2-Trichloro-1,2,2-trifluoroethane	7.09		0.5	"	5.00	1.68	108	38-140		20
Acetone	37.6		4	"	40.0	3.6	85	46-140		20
Dichloromethane	4.06		0.5	"	5.00	ND	81	56-120		20
trans-1,2-Dichloroethene	4.66		0.5	"	5.00	ND	93	59-130		20
tert-Butyl methyl ether (MTBE)	19.2		2	"	20.0	ND	96	50-140		20
1,1-Dichloroethane	6.41		0.5	"	5.00	0.968	109	47-160		20
2,2-Dichloropropane	5.99		0.5	"	5.00	ND	120	25-150		20
cis-1,2-Dichloroethene	6.32		0.5	"	5.00	1.09	105	55-140		20
2-Butanone (MEK)	41.7		4	"	40.0	ND	104	43-150		20
Bromochloromethane	5.18		0.5	"	5.00	ND	104	56-140		20

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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Batch B2E0064 - 5030 P&T VOA - VOCs — **Prepared & Analyzed: 05/09/12**

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 (B2E0064-MS1)		**Source: 1205018-03**								
Chloroform	5.76		0.5	"	5.00	0.453	106	30-170		20
1,1,1-Trichloroethane	5.62		0.5	"	5.00	ND	112	36-150		20
Carbon tetrachloride	6.23		0.5	"	5.00	ND	125	31-160		20
1,1-Dichloropropene	5.54		0.5	"	5.00	ND	111	50-150		20
Benzene	5.31		0.5	"	5.00	0.375	99	74-122		20
1,2-Dichloroethane	5.83		0.5	"	5.00	0.617	104	69-140		20
Trichloroethene	14.2		0.5	"	5.00	10.2	80	47-160		20
1,2-Dichloropropane	5.27		0.5	"	5.00	0.367	98	30-190		20
Dibromomethane	4.96		0.5	"	5.00	ND	99	77-120		20
Bromodichloromethane	5.11		0.5	"	5.00	ND	102	87-130		20
cis-1,3-Dichloropropene	4.87		0.5	"	5.00	ND	97	67-138		20
Toluene	6.5		0.5	"	5.00	1.53	100	68-120		20
trans-1,3-Dichloropropene	5.29		0.5	"	5.00	ND	106	65-150		20
1,1,2-Trichloroethane	4.84		0.5	"	5.00	ND	97	74-131		20
Tetrachloroethene	13.1		0.5	"	5.00	8.87	85	41-150		20
1,3-Dichloropropane	5.01		0.5	"	5.00	ND	100	67-130		20
Chlorodibromomethane	5.33		0.5	"	5.00	ND	107	62-140		20
1,2-Dibromoethane (EDB)	4.84		0.5	"	5.00	ND	97	73-130		20
Chlorobenzene	5.07		0.5	"	5.00	ND	101	75-120		20
1,1,1,2-Tetrachloroethane	5.38		0.5	"	5.00	ND	108	71-130		20
Ethylbenzene	5.48		0.5	"	5.00	ND	110	63-140		20
m&p-Xylene	11		1	"	10.0	ND	110	67-130		20
o-Xylene	5.62		0.5	"	5.00	0.279	107	71-140		20
Styrene	5.28		0.5	"	5.00	ND	106	20-170		20
Bromoform	5.11		0.5	"	5.00	ND	102	43-160		20
Isopropylbenzene	5.56		0.5	"	5.00	ND	111	61-150		20
Bromobenzene	5.17		0.5	"	5.00	ND	103	77-120		20
1,1,2,2-Tetrachloroethane	5.04		0.5	"	5.00	ND	101	70-130		20
1,2,3-Trichloropropane	5.09		0.5	"	5.00	ND	102	63-140		20
Propylbenzene	5.58		0.5	"	5.00	ND	112	59-140		20
2-Chlorotoluene	5.29		0.5	"	5.00	ND	106	76-130		20
4-Chlorotoluene	5.32		0.5	"	5.00	ND	106	77-130		20
1,3,5-Trimethylbenzene	5.47		0.5	"	5.00	ND	109	68-140		20
tert-Butylbenzene	5.67		0.5	"	5.00	ND	113	61-150		20
1,2,4-Trimethylbenzene	5.54		0.5	"	5.00	ND	111	67-140		20
sec-Butylbenzene	5.68		0.5	"	5.00	ND	114	54-150		20
1,3-Dichlorobenzene	5.12		0.5	"	5.00	ND	102	77-120		20
p-Isopropyltoluene	5.75		0.5	"	5.00	ND	115	58-150		20
1,4-Dichlorobenzene	5.15		0.5	"	5.00	ND	103	76-120		20
1,2-Dichlorobenzene	5.07		0.5	"	5.00	ND	101	69-130		20
Butylbenzene	5.57		0.5	"	5.00	ND	111	57-140		20
1,2-Dibromo-3-chloropropane	23.7		2	"	20.0	ND	119	54-143		20

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Project Manager: Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number: R12S74	**75 Hawthorne Street**	**Reported:** 05/16/12 11:54
Project: Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0064 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 05/09/12**
										Volatile Organic Compounds by EPA Method 524.2 - Quality Control
Matrix Spike (B2E0064-MS1)		**Source: 1205018-03**								
1,2,4-Trichlorobenzene	5.37		0.5	"	5.00	ND	107	66-130		20
Hexachlorobutadiene	5.35		0.5	"	5.00	ND	107	46-140		20
Naphthalene	5.56		0.5	"	5.00	ND	111	52-160		20
1,2,3-Trichlorobenzene	5.21		0.5	"	5.00	ND	104	64-130		20
Surrogate: 1,2-Dichloroethane-d4	*5.34*			*"*	*5.00*		107	*76-130*		
Surrogate: Toluene-d8	*5.23*			*"*	*5.00*		105	*83-120*		
Surrogate: 4-Bromofluorobenzene	*5.34*			*"*	*5.00*		107	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.64*			*"*	*5.00*		113	*69-120*		
Matrix Spike (B2E0064-MS2)		**Source: 1205020-01**								
Dichlorodifluoromethane	5.41		0.5	ug/L	5.00	ND	108	25-135		20
Chloromethane	5.15		0.5	"	5.00	ND	103	47-140		20
Vinyl chloride	5.57		0.5	"	5.00	ND	111	43-150		20
Bromomethane	5.17		0.5	"	5.00	ND	103	38-160		20
Chloroethane	5.25		0.5	"	5.00	ND	105	59-140		20
Trichlorofluoromethane	6.01		0.5	"	5.00	ND	120	44-170		20
1,1-Dichloroethene	5.53		0.5	"	5.00	ND	111	33-160		20
1,1,2-Trichloro-1,2,2-trifluoroethane	5.55		0.5	"	5.00	ND	111	38-140		20
Acetone	33.4		4	"	40.0	ND	84	46-140		20
Dichloromethane	4.67		0.5	"	5.00	ND	93	56-120		20
trans-1,2-Dichloroethene	5.06		0.5	"	5.00	ND	101	59-130		20
tert-Butyl methyl ether (MTBE)	19.4		2	"	20.0	ND	97	50-140		20
1,1-Dichloroethane	5.09		0.5	"	5.00	ND	102	47-160		20
2,2-Dichloropropane	5.66		0.5	"	5.00	ND	113	25-150		20
cis-1,2-Dichloroethene	5		0.5	"	5.00	ND	100	55-140		20
2-Butanone (MEK)	40		4	"	40.0	ND	100	43-150		20
Bromochloromethane	4.94		0.5	"	5.00	ND	99	56-140		20
Chloroform	5.06		0.5	"	5.00	ND	101	30-170		20
1,1,1-Trichloroethane	5.48		0.5	"	5.00	ND	110	36-150		20
Carbon tetrachloride	5.97		0.5	"	5.00	ND	119	31-160		20
1,1-Dichloropropene	5.51		0.5	"	5.00	ND	110	50-150		20
Benzene	4.95		0.5	"	5.00	ND	99	74-122		20
1,2-Dichloroethane	5.2		0.5	"	5.00	ND	104	69-140		20
Trichloroethene	5.22		0.5	"	5.00	ND	104	47-160		20
1,2-Dichloropropane	5.06		0.5	"	5.00	ND	101	30-190		20
Dibromomethane	5.13		0.5	"	5.00	ND	103	77-120		20
Bromodichloromethane	5.14		0.5	"	5.00	ND	103	87-130		20
cis-1,3-Dichloropropene	5.26		0.5	"	5.00	ND	105	67-138		20
Toluene	4.94		0.5	"	5.00	ND	99	68-120		20
trans-1,3-Dichloropropene	5.44		0.5	"	5.00	ND	109	65-150		20
1,1,2-Trichloroethane	4.82		0.5	"	5.00	ND	96	74-131		20

United States Environmental Protection Agency
Region 9 Laboratory
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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0064 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 05/09/12**
										Volatile Organic Compounds by EPA Method 524.2 - Quality Control
Matrix Spike (B2E0064-MS2)		**Source: 1205020-01**								
Tetrachloroethene	5.14		0.5	"	5.00	ND	103	41-150		20
1,3-Dichloropropane	5.02		0.5	"	5.00	ND	100	67-130		20
Chlorodibromomethane	5.35		0.5	"	5.00	ND	107	62-140		20
1,2-Dibromoethane (EDB)	4.83		0.5	"	5.00	ND	97	73-130		20
Chlorobenzene	5.07		0.5	"	5.00	ND	101	75-120		20
1,1,1,2-Tetrachloroethane	5.41		0.5	"	5.00	ND	108	71-130		20
Ethylbenzene	5.16		0.5	"	5.00	ND	103	63-140		20
m&p-Xylene	10.2		1	"	10.0	ND	102	67-130		20
o-Xylene	5.13		0.5	"	5.00	ND	103	71-140		20
Styrene	4.86		0.5	"	5.00	ND	97	20-170		20
Bromoform	5.05		0.5	"	5.00	ND	101	43-160		20
Isopropylbenzene	5.34		0.5	"	5.00	ND	107	61-150		20
Bromobenzene	5.1		0.5	"	5.00	ND	102	77-120		20
1,1,2,2-Tetrachloroethane	5.01		0.5	"	5.00	ND	100	70-130		20
1,2,3-Trichloropropane	5.15		0.5	"	5.00	ND	103	63-140		20
Propylbenzene	5.3		0.5	"	5.00	ND	106	59-140		20
2-Chlorotoluene	5.21		0.5	"	5.00	ND	104	76-130		20
4-Chlorotoluene	5.2		0.5	"	5.00	ND	104	77-130		20
1,3,5-Trimethylbenzene	5.18		0.5	"	5.00	ND	104	68-140		20
tert-Butylbenzene	5.4		0.5	"	5.00	ND	108	61-150		20
1,2,4-Trimethylbenzene	5.21		0.5	"	5.00	ND	104	67-140		20
sec-Butylbenzene	5.39		0.5	"	5.00	ND	108	54-150		20
1,3-Dichlorobenzene	5		0.5	"	5.00	ND	100	77-120		20
p-Isopropyltoluene	5.43		0.5	"	5.00	ND	109	58-150		20
1,4-Dichlorobenzene	4.99		0.5	"	5.00	ND	100	76-120		20
1,2-Dichlorobenzene	4.98		0.5	"	5.00	ND	100	69-130		20
Butylbenzene	5.32		0.5	"	5.00	ND	106	57-140		20
1,2-Dibromo-3-chloropropane	22.2		2	"	20.0	ND	111	54-143		20
1,2,4-Trichlorobenzene	5.18		0.5	"	5.00	ND	104	66-130		20
Hexachlorobutadiene	5.42		0.5	"	5.00	ND	108	46-140		20
Naphthalene	5.22		0.5	"	5.00	ND	104	52-160		20
1,2,3-Trichlorobenzene	5.06		0.5	"	5.00	ND	101	64-130		20
Surrogate: 1,2-Dichloroethane-d4	*5.32*			*"*	*5.00*		106	*76-130*		
Surrogate: Toluene-d8	*5.20*			*"*	*5.00*		104	*83-120*		
Surrogate: 4-Bromofluorobenzene	*5.28*			*"*	*5.00*		106	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.22*			*"*	*5.00*		104	*69-120*		
Matrix Spike Dup (B2E0064-MSD1)		**Source: 1205018-03**								
Dichlorodifluoromethane	5.93		0.5	ug/L	5.00	ND	119	25-135	5	20
Chloromethane	5.35		0.5	"	5.00	0.268	102	47-140	4	20
Vinyl chloride	5.89		0.5	"	5.00	ND	118	43-150	10	20

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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Batch B2E0064 - 5030 P&T VOA - VOCs — **Prepared & Analyzed: 05/09/12**

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 Dup (B2E0064-MSD1)		**Source: 1205018-03**								
Bromomethane	5.85		0.5	"	5.00	ND	117	38-160	2	20
Chloroethane	5.42		0.5	"	5.00	ND	108	59-140	0.8	20
Trichlorofluoromethane	7.4		0.5	"	5.00	0.79	132	44-170	2	20
1,1-Dichloroethene	9.07		0.5	"	5.00	2.99	122	33-160	7	20
1,1,2-Trichloro-1,2,2-trifluoroethane	7.68		0.5	"	5.00	1.68	120	38-140	8	20
Acetone	38.9		4	"	40.0	3.6	88	46-140	3	20
Dichloromethane	3.91		0.5	"	5.00	ND	78	56-120	4	20
trans-1,2-Dichloroethene	5.27		0.5	"	5.00	ND	105	59-130	12	20
tert-Butyl methyl ether (MTBE)	20.1		2	"	20.0	ND	101	50-140	5	20
1,1-Dichloroethane	6.14		0.5	"	5.00	0.968	103	47-160	4	20
2,2-Dichloropropane	5.67		0.5	"	5.00	ND	113	25-150	6	20
cis-1,2-Dichloroethene	6.25		0.5	"	5.00	1.09	103	55-140	1	20
2-Butanone (MEK)	42.5		4	"	40.0	ND	106	43-150	2	20
Bromochloromethane	4.96		0.5	"	5.00	ND	99	56-140	4	20
Chloroform	5.52		0.5	"	5.00	0.453	101	30-170	4	20
1,1,1-Trichloroethane	5.68		0.5	"	5.00	ND	114	36-150	1	20
Carbon tetrachloride	6.2		0.5	"	5.00	ND	124	31-160	0.6	20
1,1-Dichloropropene	5.62		0.5	"	5.00	ND	112	50-150	1	20
Benzene	5.31		0.5	"	5.00	0.375	99	74-122	0	20
1,2-Dichloroethane	5.9		0.5	"	5.00	0.617	106	69-140	1	20
Trichloroethene	15.3		0.5	"	5.00	10.2	101	47-160	7	20
1,2-Dichloropropane	5.35		0.5	"	5.00	0.367	100	30-190	1	20
Dibromomethane	5.04		0.5	"	5.00	ND	101	77-120	2	20
Bromodichloromethane	5.05		0.5	"	5.00	ND	101	87-130	1	20
cis-1,3-Dichloropropene	5.06		0.5	"	5.00	ND	101	67-138	4	20
Toluene	6.51		0.5	"	5.00	1.53	100	68-120	0.09	20
trans-1,3-Dichloropropene	5.27		0.5	"	5.00	ND	105	65-150	0.4	20
1,1,2-Trichloroethane	4.91		0.5	"	5.00	ND	98	74-131	1	20
Tetrachloroethene	14		0.5	"	5.00	8.87	103	41-150	6	20
1,3-Dichloropropane	5		0.5	"	5.00	ND	100	67-130	0.2	20
Chlorodibromomethane	5.29		0.5	"	5.00	ND	106	62-140	0.8	20
1,2-Dibromoethane (EDB)	4.89		0.5	"	5.00	ND	98	73-130	1	20
Chlorobenzene	4.91		0.5	"	5.00	ND	98	75-120	3	20
1,1,1,2-Tetrachloroethane	5.25		0.5	"	5.00	ND	105	71-130	2	20
Ethylbenzene	5.3		0.5	"	5.00	ND	106	63-140	3	20
m&p-Xylene	10.6		1	"	10.0	ND	106	67-130	3	20
o-Xylene	5.5		0.5	"	5.00	0.279	104	71-140	2	20
Styrene	5.04		0.5	"	5.00	ND	101	20-170	5	20
Bromoform	5.12		0.5	"	5.00	ND	102	43-160	0.2	20
Isopropylbenzene	5.37		0.5	"	5.00	ND	107	61-150	3	20
Bromobenzene	5.03		0.5	"	5.00	ND	101	77-120	3	20
1,1,2,2-Tetrachloroethane	5.13		0.5	"	5.00	ND	103	70-130	2	20

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Project Manager: Lynda Deschambault	**California Site Cleanup Section 1**	**SDG:** 12129B
Project Number: R12S74	**75 Hawthorne Street**	**Reported:** 05/16/12 11:54
Project: Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0064 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 05/09/12**
								Volatile Organic Compounds by EPA Method 524.2 - Quality Control		
Matrix Spike Dup (B2E0064-MSD1)		**Source: 1205018-03**								
1,2,3-Trichloropropane	5.49		0.5	"	5.00	ND	110	63-140	8	20
Propylbenzene	5.35		0.5	"	5.00	ND	107	59-140	4	20
2-Chlorotoluene	5.04		0.5	"	5.00	ND	101	76-130	5	20
4-Chlorotoluene	5.16		0.5	"	5.00	ND	103	77-130	3	20
1,3,5-Trimethylbenzene	5.25		0.5	"	5.00	ND	105	68-140	4	20
tert-Butylbenzene	5.45		0.5	"	5.00	ND	109	61-150	4	20
1,2,4-Trimethylbenzene	5.29		0.5	"	5.00	ND	106	67-140	5	20
sec-Butylbenzene	5.42		0.5	"	5.00	ND	108	54-150	5	20
1,3-Dichlorobenzene	4.95		0.5	"	5.00	ND	99	77-120	3	20
p-Isopropyltoluene	5.45		0.5	"	5.00	ND	109	58-150	5	20
1,4-Dichlorobenzene	4.94		0.5	"	5.00	ND	99	76-120	4	20
1,2-Dichlorobenzene	4.95		0.5	"	5.00	ND	99	69-130	3	20
Butylbenzene	5.32		0.5	"	5.00	ND	106	57-140	5	20
1,2-Dibromo-3-chloropropane	23.2		2	"	20.0	ND	116	54-143	2	20
1,2,4-Trichlorobenzene	5.25		0.5	"	5.00	ND	105	66-130	2	20
Hexachlorobutadiene	4.9		0.5	"	5.00	ND	98	46-140	9	20
Naphthalene	5.78		0.5	"	5.00	ND	116	52-160	4	20
1,2,3-Trichlorobenzene	5.21		0.5	"	5.00	ND	104	64-130	0.06	20
Surrogate: 1,2-Dichloroethane-d4	*5.42*			*"*	*5.00*		108	*76-130*		
Surrogate: Toluene-d8	*5.10*			*"*	*5.00*		102	*83-120*		
Surrogate: 4-Bromofluorobenzene	*5.23*			*"*	*5.00*		105	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.49*			*"*	*5.00*		110	*69-120*		
Matrix Spike Dup (B2E0064-MSD2)		**Source: 1205020-01**								
Dichlorodifluoromethane	5.63		0.5	ug/L	5.00	ND	113	25-135	4	20
Chloromethane	5.29		0.5	"	5.00	ND	106	47-140	3	20
Vinyl chloride	5.77		0.5	"	5.00	ND	115	43-150	4	20
Bromomethane	5.35		0.5	"	5.00	ND	107	38-160	4	20
Chloroethane	5.43		0.5	"	5.00	ND	109	59-140	3	20
Trichlorofluoromethane	6.37		0.5	"	5.00	ND	127	44-170	6	20
1,1-Dichloroethene	6		0.5	"	5.00	ND	120	33-160	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	6.32		0.5	"	5.00	ND	126	38-140	13	20
Acetone	36		4	"	40.0	ND	90	46-140	7	20
Dichloromethane	4.76		0.5	"	5.00	ND	95	56-120	2	20
trans-1,2-Dichloroethene	5.15		0.5	"	5.00	ND	103	59-130	2	20
tert-Butyl methyl ether (MTBE)	19.9		2	"	20.0	ND	99	50-140	2	20
1,1-Dichloroethane	5.29		0.5	"	5.00	ND	106	47-160	4	20
2,2-Dichloropropane	5.65		0.5	"	5.00	ND	113	25-150	0.05	20
cis-1,2-Dichloroethene	5.04		0.5	"	5.00	ND	101	55-140	0.8	20
2-Butanone (MEK)	42		4	"	40.0	ND	105	43-150	5	20
Bromochloromethane	5.06		0.5	"	5.00	ND	101	56-140	3	20

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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Batch B2E0064 - 5030 P&T VOA - VOCs — **Prepared & Analyzed: 05/09/12**

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 Dup (B2E0064-MSD2)		**Source: 1205020-01**								
Chloroform	5.2		0.5	"	5.00	ND	104	30-170	3	20
1,1,1-Trichloroethane	5.96		0.5	"	5.00	ND	119	36-150	8	20
Carbon tetrachloride	6.5		0.5	"	5.00	ND	130	31-160	9	20
1,1-Dichloropropene	6.05		0.5	"	5.00	ND	121	50-150	9	20
Benzene	5.2		0.5	"	5.00	ND	104	74-122	5	20
1,2-Dichloroethane	5.38		0.5	"	5.00	ND	108	69-140	3	20
Trichloroethene	5.43		0.5	"	5.00	ND	109	47-160	4	20
1,2-Dichloropropane	5.25		0.5	"	5.00	ND	105	30-190	4	20
Dibromomethane	5.31		0.5	"	5.00	ND	106	77-120	3	20
Bromodichloromethane	5.35		0.5	"	5.00	ND	107	87-130	4	20
cis-1,3-Dichloropropene	5.53		0.5	"	5.00	ND	111	67-138	5	20
Toluene	5.11		0.5	"	5.00	ND	102	68-120	3	20
trans-1,3-Dichloropropene	5.69		0.5	"	5.00	ND	114	65-150	4	20
1,1,2-Trichloroethane	4.97		0.5	"	5.00	ND	99	74-131	3	20
Tetrachloroethene	5.48		0.5	"	5.00	ND	110	41-150	6	20
1,3-Dichloropropane	5.2		0.5	"	5.00	ND	104	67-130	3	20
Chlorodibromomethane	5.58		0.5	"	5.00	ND	112	62-140	4	20
1,2-Dibromoethane (EDB)	4.97		0.5	"	5.00	ND	99	73-130	3	20
Chlorobenzene	5.15		0.5	"	5.00	ND	103	75-120	2	20
1,1,1,2-Tetrachloroethane	5.55		0.5	"	5.00	ND	111	71-130	3	20
Ethylbenzene	5.36		0.5	"	5.00	ND	107	63-140	4	20
m&p-Xylene	10.6		1	"	10.0	ND	106	67-130	4	20
o-Xylene	5.28		0.5	"	5.00	ND	106	71-140	3	20
Styrene	4.74		0.5	"	5.00	ND	95	20-170	3	20
Bromoform	5.1		0.5	"	5.00	ND	102	43-160	0.9	20
Isopropylbenzene	5.56		0.5	"	5.00	ND	111	61-150	4	20
Bromobenzene	5.19		0.5	"	5.00	ND	104	77-120	2	20
1,1,2,2-Tetrachloroethane	5.12		0.5	"	5.00	ND	102	70-130	2	20
1,2,3-Trichloropropane	5.42		0.5	"	5.00	ND	108	63-140	5	20
Propylbenzene	5.52		0.5	"	5.00	ND	110	59-140	4	20
2-Chlorotoluene	5.26		0.5	"	5.00	ND	105	76-130	1	20
4-Chlorotoluene	5.29		0.5	"	5.00	ND	106	77-130	2	20
1,3,5-Trimethylbenzene	5.32		0.5	"	5.00	ND	106	68-140	3	20
tert-Butylbenzene	5.73		0.5	"	5.00	ND	115	61-150	6	20
1,2,4-Trimethylbenzene	5.29		0.5	"	5.00	ND	106	67-140	1	20
sec-Butylbenzene	5.64		0.5	"	5.00	ND	113	54-150	5	20
1,3-Dichlorobenzene	5.11		0.5	"	5.00	ND	102	77-120	2	20
p-Isopropyltoluene	5.65		0.5	"	5.00	ND	113	58-150	4	20
1,4-Dichlorobenzene	5		0.5	"	5.00	ND	100	76-120	0.3	20
1,2-Dichlorobenzene	5.03		0.5	"	5.00	ND	101	69-130	1	20
Butylbenzene	5.61		0.5	"	5.00	ND	112	57-140	5	20
1,2-Dibromo-3-chloropropane	21.6		2	"	20.0	ND	108	54-143	3	20

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Project Manager:	Lynda Deschambault	**California Site Cleanup Section 1**		**SDG:**	12129B
Project Number:	R12S74	**75 Hawthorne Street**		**Reported:**	05/16/12 11:54
Project:	Omega OU2 Spring 2012 IDW Profiling	**San Francisco CA, 94105**			

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0064 - 5030 P&T VOA - VOCs										**Prepared & Analyzed: 05/09/12**
								Volatile Organic Compounds by EPA Method 524.2 - Quality Control		
Matrix Spike Dup (B2E0064-MSD2)		**Source: 1205020-01**								
1,2,4-Trichlorobenzene	5.22		0.5	"	5.00	ND	104	66-130	0.6	20
Hexachlorobutadiene	5.5		0.5	"	5.00	ND	110	46-140	1	20
Naphthalene	5.3		0.5	"	5.00	ND	106	52-160	2	20
1,2,3-Trichlorobenzene	5.22		0.5	"	5.00	ND	104	64-130	3	20
Surrogate: 1,2-Dichloroethane-d4	*5.38*			*"*	*5.00*		108	*76-130*		
Surrogate: Toluene-d8	*5.08*			*"*	*5.00*		102	*83-120*		
Surrogate: 4-Bromofluorobenzene	*5.15*			*"*	*5.00*		103	*74-110*		
Surrogate: 1,2-Dichlorobenzene-d4	*5.16*			*"*	*5.00*		103	*69-120*		
Batch B2E0066 - Solids, Dry Weight (Prep) - Solids, Dry Weight										**Prepared: 05/09/12 Analyzed: 05/10/12**
								Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control		
Blank (B2E0066-BLK1)										
% Solids	ND	U	1	%						
Duplicate (B2E0066-DUP1)		**Source: 1205018-01**								
% Solids	86		1	%		87			0.3	20

United States Environmental Protection Agency
Region 9 Laboratory
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Qualifiers and Comments

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
RE1, RE2, etc:	Result is from a sample re-analysis.