

US EPA ARCHIVE DOCUMENT



**United States Environmental Protection Agency
Region 9 Laboratory**

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

Date: 3/17/2011

Subject: Analytical Testing Results - Project R11R03
SDG: 11042B

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

To: Cameron McDonald
RCRA Enforcement Office
WST-3

Attached are the results from the analysis of samples from the **Western Environmental, Inc. 2011 RCRA Inspection** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

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

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

Analyses included in this report:

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: Cameron McDonald	RCRA Enforcement Office	SDG: 11042B
Project Number: R11R03	75 Hawthorne Street	Reported: 03/17/11 14:48
Project: Western Environmental, Inc. 2011 RCRA Inspection	San Francisco CA, 94105	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
WTA-1	1102012-01	Water	02/09/11 09:57	02/10/11 16:30
WTA-3	1102012-02	Water	02/09/11 10:51	02/10/11 16:30
WTA-4	1102012-03	Water	02/09/11 10:59	02/10/11 16:30
WTA-5	1102012-04	Water	02/09/11 10:09	02/10/11 16:30

SDG ID 11042B

No COC received with the water or oil samples for this work order.

Work Order(s)

1102012



United States Environmental Protection Agency Region 9 Laboratory

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Project Manager: Cameron McDonald Project Number: R11R03 Project: Western Environmental, Inc. 2011 RCRA Inspection	RCRA Enforcement Office 75 Hawthorne Street San Francisco CA, 94105	SDG: 11042B Reported: 03/17/11 14:48
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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102012-01

Water - Sampled: 02/09/11 09:57

Sample ID: WTA-1

Volatile Organic Compounds by EPA Method 524.2

Dichlorodifluoromethane		ND	U	50	ug/L	B1B0038	02/14/11	02/14/11	524.2/SOP354
Chloromethane		ND	U	50	"	"	"	"	524.2/SOP354
Vinyl chloride		ND	U	50	"	"	"	"	524.2/SOP354
Bromomethane		ND	U	50	"	"	"	"	524.2/SOP354
Chloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Trichlorofluoromethane		ND	U	50	"	"	"	"	524.2/SOP354
1,1-Dichloroethene		ND	U	50	"	"	"	"	524.2/SOP354
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	50	"	"	"	"	524.2/SOP354
Acetone		12,000	C3, J	400	"	"	"	"	524.2/SOP354
Carbon disulfide		52		50	"	"	"	"	524.2/SOP354
Dichloromethane		ND	U	50	"	"	"	"	524.2/SOP354
trans-1,2-Dichloroethene		ND	U	50	"	"	"	"	524.2/SOP354
tert-Butyl methyl ether (MTBE)		ND	U	200	"	"	"	"	524.2/SOP354
1,1-Dichloroethane		ND	U	50	"	"	"	"	524.2/SOP354
2,2-Dichloropropane		ND	C3, J, U	50	"	"	"	"	524.2/SOP354
cis-1,2-Dichloroethene		ND	U	50	"	"	"	"	524.2/SOP354
2-Butanone (MEK)		8,700		400	"	"	"	"	524.2/SOP354
Bromochloromethane		ND	U	50	"	"	"	"	524.2/SOP354
Chloroform		ND	U	50	"	"	"	"	524.2/SOP354
1,1,1-Trichloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Carbon tetrachloride		ND	U	50	"	"	"	"	524.2/SOP354
1,1-Dichloropropene		ND	U	50	"	"	"	"	524.2/SOP354
Benzene		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dichloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Trichloroethene		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dichloropropane		ND	U	50	"	"	"	"	524.2/SOP354
Dibromomethane		ND	U	50	"	"	"	"	524.2/SOP354
Bromodichloromethane		ND	U	50	"	"	"	"	524.2/SOP354
cis-1,3-Dichloropropene		ND	U	50	"	"	"	"	524.2/SOP354
Toluene		91		50	"	"	"	"	524.2/SOP354
trans-1,3-Dichloropropene		ND	C3, J, U	50	"	"	"	"	524.2/SOP354
1,1,2-Trichloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Tetrachloroethene		ND	U	50	"	"	"	"	524.2/SOP354
1,3-Dichloropropane		ND	U	50	"	"	"	"	524.2/SOP354
Chlorodibromomethane		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dibromoethane (EDB)		ND	U	50	"	"	"	"	524.2/SOP354
Chlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102012-01

Water - Sampled: 02/09/11 09:57

Sample ID: WTA-1

Volatile Organic Compounds by EPA Method 524.2

1,1,1,2-Tetrachloroethane	ND	U		50	ug/L	B1B0038	02/14/11	02/14/11	524.2/SOP354
Ethylbenzene	ND	U		50	"	"	"	"	524.2/SOP354
m&p-Xylene	81		C1, J	100	"	"	"	"	524.2/SOP354
o-Xylene	36		C1, J	50	"	"	"	"	524.2/SOP354
Styrene	ND	U		50	"	"	"	"	524.2/SOP354
Bromoform	ND		C3, J, U	50	"	"	"	"	524.2/SOP354
Isopropylbenzene	ND	U		50	"	"	"	"	524.2/SOP354
Bromobenzene	ND	U		50	"	"	"	"	524.2/SOP354
1,1,2,2-Tetrachloroethane	ND	U		50	"	"	"	"	524.2/SOP354
1,2,3-Trichloropropane	ND	U		50	"	"	"	"	524.2/SOP354
Propylbenzene	ND	U		50	"	"	"	"	524.2/SOP354
2-Chlorotoluene	ND	U		50	"	"	"	"	524.2/SOP354
4-Chlorotoluene	ND	U		50	"	"	"	"	524.2/SOP354
1,3,5-Trimethylbenzene	ND	U		50	"	"	"	"	524.2/SOP354
tert-Butylbenzene	ND	U		50	"	"	"	"	524.2/SOP354
1,2,4-Trimethylbenzene	ND	U		50	"	"	"	"	524.2/SOP354
sec-Butylbenzene	ND	U		50	"	"	"	"	524.2/SOP354
1,3-Dichlorobenzene	ND	U		50	"	"	"	"	524.2/SOP354
p-Isopropyltoluene	ND	U		50	"	"	"	"	524.2/SOP354
1,4-Dichlorobenzene	ND	U		50	"	"	"	"	524.2/SOP354
1,2-Dichlorobenzene	ND	U		50	"	"	"	"	524.2/SOP354
Butylbenzene	ND	U		50	"	"	"	"	524.2/SOP354
1,2-Dibromo-3-chloropropane	ND		C3, J, U	200	"	"	"	"	524.2/SOP354
1,2,4-Trichlorobenzene	ND	U		50	"	"	"	"	524.2/SOP354
Hexachlorobutadiene	ND	U		50	"	"	"	"	524.2/SOP354
Naphthalene	61			50	"	"	"	"	524.2/SOP354
1,2,3-Trichlorobenzene	ND	U		50	"	"	"	"	524.2/SOP354
Acetaldehyde	3,900		N TIC, J		"	"	"	"	524.2/SOP354
Benzene, C3 substituted	340		N TIC, J		"	"	"	"	524.2/SOP354
Dodecane	330		N TIC, J		"	"	"	"	524.2/SOP354
Ethanol	2,700		N TIC, J		"	"	"	"	524.2/SOP354
Isopropyl Alcohol	430		N TIC, J		"	"	"	"	524.2/SOP354
Propanal	350		N TIC, J		"	"	"	"	524.2/SOP354
Propanol	370		N TIC, J		"	"	"	"	524.2/SOP354
Tridecane	370		N TIC, J		"	"	"	"	524.2/SOP354
Undecane	240		N TIC, J		"	"	"	"	524.2/SOP354

Surrogate: 1,2-Dichloroethane-d4

112 %

76-130%

"

"

"



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102012-01 **Water - Sampled: 02/09/11 09:57**

Sample ID: WTA-1									Volatile Organic Compounds by EPA Method 524.2
<i>Surrogate: Toluene-d8</i>		104 %		83-120%		B1B0038	02/14/11	02/14/11	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %		74-110%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		106 %		69-120%		"	"	"	

Lab ID: 1102012-02 **Water - Sampled: 02/09/11 10:51**

Sample ID: WTA-3									Volatile Organic Compounds by EPA Method 524.2
Dichlorodifluoromethane		ND	U	50	ug/L	B1B0038	02/14/11	02/14/11	524.2/SOP354
Chloromethane		ND	U	50	"	"	"	"	524.2/SOP354
Vinyl chloride		ND	U	50	"	"	"	"	524.2/SOP354
Bromomethane		ND	U	50	"	"	"	"	524.2/SOP354
Chloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Trichlorofluoromethane		ND	U	50	"	"	"	"	524.2/SOP354
1,1-Dichloroethene		ND	U	50	"	"	"	"	524.2/SOP354
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U	50	"	"	"	"	524.2/SOP354
Acetone		7,500	C3, J	400	"	"	"	"	524.2/SOP354
Carbon disulfide		ND	U	50	"	"	"	"	524.2/SOP354
Dichloromethane		ND	U	50	"	"	"	"	524.2/SOP354
trans-1,2-Dichloroethene		ND	U	50	"	"	"	"	524.2/SOP354
tert-Butyl methyl ether (MTBE)		ND	U	200	"	"	"	"	524.2/SOP354
1,1-Dichloroethane		ND	U	50	"	"	"	"	524.2/SOP354
2,2-Dichloropropane		ND	C3, J, U	50	"	"	"	"	524.2/SOP354
cis-1,2-Dichloroethene		ND	U	50	"	"	"	"	524.2/SOP354
2-Butanone (MEK)		5,800		400	"	"	"	"	524.2/SOP354
Bromochloromethane		ND	U	50	"	"	"	"	524.2/SOP354
Chloroform		ND	U	50	"	"	"	"	524.2/SOP354
1,1,1-Trichloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Carbon tetrachloride		ND	U	50	"	"	"	"	524.2/SOP354
1,1-Dichloropropene		ND	U	50	"	"	"	"	524.2/SOP354
Benzene		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dichloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Trichloroethene		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dichloropropane		ND	U	50	"	"	"	"	524.2/SOP354
Dibromomethane		ND	U	50	"	"	"	"	524.2/SOP354
Bromodichloromethane		ND	U	50	"	"	"	"	524.2/SOP354
cis-1,3-Dichloropropene		ND	U	50	"	"	"	"	524.2/SOP354
Toluene		38	C1, J	50	"	"	"	"	524.2/SOP354
trans-1,3-Dichloropropene		ND	C3, J, U	50	"	"	"	"	524.2/SOP354
1,1,2-Trichloroethane		ND	U	50	"	"	"	"	524.2/SOP354



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102012-02

Water - Sampled: 02/09/11 10:51

Sample ID: WTA-3

Volatile Organic Compounds by EPA Method 524.2

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Tetrachloroethene		ND	U	50	ug/L	B1B0038	02/14/11	02/14/11	524.2/SOP354
1,3-Dichloropropane		ND	U	50	"	"	"	"	524.2/SOP354
Chlorodibromomethane		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dibromoethane (EDB)		ND	U	50	"	"	"	"	524.2/SOP354
Chlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,1,1,2-Tetrachloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Ethylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
m&p-Xylene		ND	U	100	"	"	"	"	524.2/SOP354
o-Xylene		ND	U	50	"	"	"	"	524.2/SOP354
Styrene		ND	U	50	"	"	"	"	524.2/SOP354
Bromoform		ND	C3, J, U	50	"	"	"	"	524.2/SOP354
Isopropylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
Bromobenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,1,2,2-Tetrachloroethane		ND	U	50	"	"	"	"	524.2/SOP354
1,2,3-Trichloropropane		ND	U	50	"	"	"	"	524.2/SOP354
Propylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
2-Chlorotoluene		ND	U	50	"	"	"	"	524.2/SOP354
4-Chlorotoluene		ND	U	50	"	"	"	"	524.2/SOP354
1,3,5-Trimethylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
tert-Butylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,2,4-Trimethylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
sec-Butylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,3-Dichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
p-Isopropyltoluene		ND	U	50	"	"	"	"	524.2/SOP354
1,4-Dichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
Butylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dibromo-3-chloropropane		ND	C3, J, U	200	"	"	"	"	524.2/SOP354
1,2,4-Trichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
Hexachlorobutadiene		ND	U	50	"	"	"	"	524.2/SOP354
Naphthalene		48	C1, J	50	"	"	"	"	524.2/SOP354
1,2,3-Trichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
Acetaldehyde		2,500	N TIC, J		"	"	"	"	524.2/SOP354
Benzaldehyde		200	N TIC, J		"	"	"	"	524.2/SOP354
Butanal		150	N TIC, J		"	"	"	"	524.2/SOP354
Butanol		130	N TIC, J		"	"	"	"	524.2/SOP354
Ethanol		1,600	N TIC, J		"	"	"	"	524.2/SOP354



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102012-02										Water - Sampled: 02/09/11 10:51
Sample ID: WTA-3										Volatile Organic Compounds by EPA Method 524.2
Isopropyl Alcohol		240	N TIC, J		ug/L	B1B0038	02/14/11	02/14/11		524.2/SOP354
Propanal		200	N TIC, J		"	"	"	"		524.2/SOP354
Propanol		210	N TIC, J		"	"	"	"		524.2/SOP354
unknown alcohol		150	N TIC, J		"	"	"	"		524.2/SOP354
<i>Surrogate: 1,2-Dichloroethane-d4</i>			109 %							76-130%
<i>Surrogate: Toluene-d8</i>			107 %							83-120%
<i>Surrogate: 4-Bromofluorobenzene</i>			100 %							74-110%
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			103 %							69-120%

Lab ID: 1102012-03										Water - Sampled: 02/09/11 10:59
Sample ID: WTA-4										Volatile Organic Compounds by EPA Method 524.2
Dichlorodifluoromethane		ND	U		50	ug/L	B1B0038	02/14/11	02/14/11	524.2/SOP354
Chloromethane		ND	U		50	"	"	"	"	524.2/SOP354
Vinyl chloride		ND	U		50	"	"	"	"	524.2/SOP354
Bromomethane		ND	U		50	"	"	"	"	524.2/SOP354
Chloroethane		ND	U		50	"	"	"	"	524.2/SOP354
Trichlorofluoromethane		ND	U		50	"	"	"	"	524.2/SOP354
1,1-Dichloroethene		ND	U		50	"	"	"	"	524.2/SOP354
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	U		50	"	"	"	"	524.2/SOP354
Acetone		9,600	C3, J		400	"	"	"	"	524.2/SOP354
Carbon disulfide		26	C1, J		50	"	"	"	"	524.2/SOP354
Dichloromethane		ND	U		50	"	"	"	"	524.2/SOP354
trans-1,2-Dichloroethene		ND	U		50	"	"	"	"	524.2/SOP354
tert-Butyl methyl ether (MTBE)		ND	U		200	"	"	"	"	524.2/SOP354
1,1-Dichloroethane		ND	U		50	"	"	"	"	524.2/SOP354
2,2-Dichloropropane		ND	C3, J, U		50	"	"	"	"	524.2/SOP354
cis-1,2-Dichloroethene		ND	U		50	"	"	"	"	524.2/SOP354
2-Butanone (MEK)		7,600			400	"	"	"	"	524.2/SOP354
Bromochloromethane		ND	U		50	"	"	"	"	524.2/SOP354
Chloroform		ND	U		50	"	"	"	"	524.2/SOP354
1,1,1-Trichloroethane		ND	U		50	"	"	"	"	524.2/SOP354
Carbon tetrachloride		ND	U		50	"	"	"	"	524.2/SOP354
1,1-Dichloropropene		ND	U		50	"	"	"	"	524.2/SOP354
Benzene		ND	U		50	"	"	"	"	524.2/SOP354
1,2-Dichloroethane		ND	U		50	"	"	"	"	524.2/SOP354
Trichloroethene		ND	U		50	"	"	"	"	524.2/SOP354
1,2-Dichloropropane		ND	U		50	"	"	"	"	524.2/SOP354
Dibromomethane		ND	U		50	"	"	"	"	524.2/SOP354



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Project Manager: Cameron McDonald Project Number: R11R03 Project: Western Environmental, Inc. 2011 RCRA Inspection	RCRA Enforcement Office 75 Hawthorne Street San Francisco CA, 94105	SDG: 11042B Reported: 03/17/11 14:48
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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102012-03

Water - Sampled: 02/09/11 10:59

Sample ID: WTA-4

Volatile Organic Compounds by EPA Method 524.2

Bromodichloromethane		ND	U	50	ug/L	B1B0038	02/14/11	02/14/11	524.2/SOP354
cis-1,3-Dichloropropene		ND	U	50	"	"	"	"	524.2/SOP354
Toluene		37	C1, J	50	"	"	"	"	524.2/SOP354
trans-1,3-Dichloropropene		ND	C3, J, U	50	"	"	"	"	524.2/SOP354
1,1,2-Trichloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Tetrachloroethene		ND	U	50	"	"	"	"	524.2/SOP354
1,3-Dichloropropane		ND	U	50	"	"	"	"	524.2/SOP354
Chlorodibromomethane		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dibromoethane (EDB)		ND	U	50	"	"	"	"	524.2/SOP354
Chlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,1,1,2-Tetrachloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Ethylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
m&p-Xylene		ND	U	100	"	"	"	"	524.2/SOP354
o-Xylene		ND	U	50	"	"	"	"	524.2/SOP354
Styrene		ND	U	50	"	"	"	"	524.2/SOP354
Bromoform		ND	C3, J, U	50	"	"	"	"	524.2/SOP354
Isopropylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
Bromobenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,1,2,2-Tetrachloroethane		ND	U	50	"	"	"	"	524.2/SOP354
1,2,3-Trichloropropane		ND	U	50	"	"	"	"	524.2/SOP354
Propylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
2-Chlorotoluene		ND	U	50	"	"	"	"	524.2/SOP354
4-Chlorotoluene		ND	U	50	"	"	"	"	524.2/SOP354
1,3,5-Trimethylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
tert-Butylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,2,4-Trimethylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
sec-Butylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,3-Dichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
p-Isopropyltoluene		ND	U	50	"	"	"	"	524.2/SOP354
1,4-Dichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
Butylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dibromo-3-chloropropane		ND	C3, J, U	200	"	"	"	"	524.2/SOP354
1,2,4-Trichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
Hexachlorobutadiene		ND	U	50	"	"	"	"	524.2/SOP354
Naphthalene		44	C1, J	50	"	"	"	"	524.2/SOP354
1,2,3-Trichlorobenzene		ND	U	50	"	"	"	"	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: Cameron McDonald Project Number: R11R03 Project: Western Environmental, Inc. 2011 RCRA Inspection	RCRA Enforcement Office 75 Hawthorne Street San Francisco CA, 94105	SDG: 11042B Reported: 03/17/11 14:48
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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102012-03

Water - Sampled: 02/09/11 10:59

Sample ID: WTA-4

Volatile Organic Compounds by EPA Method 524.2

Acetaldehyde	3,600	N TIC, J		ug/L	B1B0038	02/14/11	02/14/11		524.2/SOP354
Benzaldehyde	210	N TIC, J		"	"	"	"		524.2/SOP354
Butanal	210	N TIC, J		"	"	"	"		524.2/SOP354
Ethanol	2,300	N TIC, J		"	"	"	"		524.2/SOP354
Isopropyl Alcohol	310	N TIC, J		"	"	"	"		524.2/SOP354
Propanal	280	N TIC, J		"	"	"	"		524.2/SOP354
Propanol	310	N TIC, J		"	"	"	"		524.2/SOP354
Tridecane	160	N TIC, J		"	"	"	"		524.2/SOP354
unknown alcohol	150	N TIC, J		"	"	"	"		524.2/SOP354
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %		76-130%	"	"	"		
<i>Surrogate: Toluene-d8</i>		105 %		83-120%	"	"	"		
<i>Surrogate: 4-Bromofluorobenzene</i>		99 %		74-110%	"	"	"		
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		103 %		69-120%	"	"	"		

Lab ID: 1102012-04

Water - Sampled: 02/09/11 10:09

Sample ID: WTA-5

Volatile Organic Compounds by EPA Method 524.2

Dichlorodifluoromethane		ND U		50	ug/L	B1B0038	02/14/11	02/14/11	524.2/SOP354
Chloromethane		ND U		50	"	"	"	"	524.2/SOP354
Vinyl chloride		ND U		50	"	"	"	"	524.2/SOP354
Bromomethane		ND U		50	"	"	"	"	524.2/SOP354
Chloroethane		ND U		50	"	"	"	"	524.2/SOP354
Trichlorofluoromethane		ND U		50	"	"	"	"	524.2/SOP354
1,1-Dichloroethene		ND U		50	"	"	"	"	524.2/SOP354
1,1,2-Trichloro-1,2,2-trifluoroethane		ND U		50	"	"	"	"	524.2/SOP354
Acetone	8,900	C3, J		400	"	"	"	"	524.2/SOP354
Carbon disulfide		ND U		50	"	"	"	"	524.2/SOP354
Dichloromethane	31	C1, J		50	"	"	"	"	524.2/SOP354
trans-1,2-Dichloroethene		ND U		50	"	"	"	"	524.2/SOP354
tert-Butyl methyl ether (MTBE)		ND U		200	"	"	"	"	524.2/SOP354
1,1-Dichloroethane		ND U		50	"	"	"	"	524.2/SOP354
2,2-Dichloropropane		ND C3, J, U		50	"	"	"	"	524.2/SOP354
cis-1,2-Dichloroethene		ND U		50	"	"	"	"	524.2/SOP354
2-Butanone (MEK)	6,900			400	"	"	"	"	524.2/SOP354
Bromochloromethane		ND U		50	"	"	"	"	524.2/SOP354
Chloroform		ND U		50	"	"	"	"	524.2/SOP354
1,1,1-Trichloroethane		ND U		50	"	"	"	"	524.2/SOP354
Carbon tetrachloride		ND U		50	"	"	"	"	524.2/SOP354
1,1-Dichloropropene		ND U		50	"	"	"	"	524.2/SOP354
Benzene		ND U		50	"	"	"	"	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: Cameron McDonald Project Number: R11R03 Project: Western Environmental, Inc. 2011 RCRA Inspection	RCRA Enforcement Office 75 Hawthorne Street San Francisco CA, 94105	SDG: 11042B Reported: 03/17/11 14:48
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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1102012-04

Water - Sampled: 02/09/11 10:09

Sample ID: WTA-5

Volatile Organic Compounds by EPA Method 524.2

1,2-Dichloroethane		ND	U	50	ug/L	B1B0038	02/14/11	02/14/11	524.2/SOP354
Trichloroethene		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dichloropropane		ND	U	50	"	"	"	"	524.2/SOP354
Dibromomethane		ND	U	50	"	"	"	"	524.2/SOP354
Bromodichloromethane		ND	U	50	"	"	"	"	524.2/SOP354
cis-1,3-Dichloropropene		ND	U	50	"	"	"	"	524.2/SOP354
Toluene		55		50	"	"	"	"	524.2/SOP354
trans-1,3-Dichloropropene		ND	C3, J, U	50	"	"	"	"	524.2/SOP354
1,1,2-Trichloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Tetrachloroethene		ND	U	50	"	"	"	"	524.2/SOP354
1,3-Dichloropropane		ND	U	50	"	"	"	"	524.2/SOP354
Chlorodibromomethane		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dibromoethane (EDB)		ND	U	50	"	"	"	"	524.2/SOP354
Chlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,1,1,2-Tetrachloroethane		ND	U	50	"	"	"	"	524.2/SOP354
Ethylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
m&p-Xylene		ND	U	100	"	"	"	"	524.2/SOP354
o-Xylene		ND	U	50	"	"	"	"	524.2/SOP354
Styrene		ND	U	50	"	"	"	"	524.2/SOP354
Bromoform		ND	C3, J, U	50	"	"	"	"	524.2/SOP354
Isopropylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
Bromobenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,1,2,2-Tetrachloroethane		ND	U	50	"	"	"	"	524.2/SOP354
1,2,3-Trichloropropane		ND	U	50	"	"	"	"	524.2/SOP354
Propylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
2-Chlorotoluene		ND	U	50	"	"	"	"	524.2/SOP354
4-Chlorotoluene		ND	U	50	"	"	"	"	524.2/SOP354
1,3,5-Trimethylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
tert-Butylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,2,4-Trimethylbenzene		54		50	"	"	"	"	524.2/SOP354
sec-Butylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,3-Dichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
p-Isopropyltoluene		ND	U	50	"	"	"	"	524.2/SOP354
1,4-Dichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
Butylbenzene		ND	U	50	"	"	"	"	524.2/SOP354
1,2-Dibromo-3-chloropropane		ND	C3, J, U	200	"	"	"	"	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: Cameron McDonald	RCRA Enforcement Office	SDG: 11042B
Project Number: R11R03	75 Hawthorne Street	Reported: 03/17/11 14:48
Project: Western Environmental, Inc. 2011 RCRA Inspection	San Francisco CA, 94105	

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
						Water - Sampled: 02/09/11 10:09			
Lab ID:	1102012-04								
Sample ID:	WTA-5				Volatile Organic Compounds by EPA Method 524.2				
1,2,4-Trichlorobenzene		ND	U	50	ug/L	B1B0038	02/14/11	02/14/11	524.2/SOP354
Hexachlorobutadiene		ND	U	50	"	"	"	"	524.2/SOP354
Naphthalene		30	C1, J	50	"	"	"	"	524.2/SOP354
1,2,3-Trichlorobenzene		ND	U	50	"	"	"	"	524.2/SOP354
Acetaldehyde		2,500	N TIC, J		"	"	"	"	524.2/SOP354
Butanol		150	N TIC, J		"	"	"	"	524.2/SOP354
Dodecane		260	N TIC, J		"	"	"	"	524.2/SOP354
Ethanol		1,700	N TIC, J		"	"	"	"	524.2/SOP354
Isopropyl Alcohol		210	N TIC, J		"	"	"	"	524.2/SOP354
Propanal		200	N TIC, J		"	"	"	"	524.2/SOP354
Propanol		250	N TIC, J		"	"	"	"	524.2/SOP354
Tridecane		280	N TIC, J		"	"	"	"	524.2/SOP354
Undecane		170	N TIC, J		"	"	"	"	524.2/SOP354
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %		76-130%		"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %		83-120%		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %		74-110%		"	"	"	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>		104 %		69-120%		"	"	"	



United States Environmental Protection Agency Region 9 Laboratory

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Project Manager: Cameron McDonald Project Number: R11R03 Project: Western Environmental, Inc. 2011 RCRA Inspection	RCRA Enforcement Office 75 Hawthorne Street San Francisco CA, 94105	SDG: 11042B Reported: 03/17/11 14:48
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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0038 - 5030 P&T VOA - VOCs

Prepared & Analyzed: 02/14/11

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Blank (B1B0038-BLK1)

Dichlorodifluoromethane	ND	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	"						
Carbon disulfide	ND	U	0.5	"						
Dichloromethane	0.4	C1, J	0.5	"						
tert-Butyl alcohol	ND	C3, J, U	10	"						
trans-1,2-Dichloroethene	ND	U	0.5	"						
tert-Butyl methyl ether (MTBE)	ND	U	2	"						
1,1-Dichloroethane	ND	U	0.5	"						
Diisopropyl ether	ND	U	2	"						
Ethyl tert-butyl ether	ND	U	2	"						
2,2-Dichloropropane	ND	C3, J, 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	"						
tert-Amyl methyl ether	ND	U	2	"						
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	"						
4-Methyl-2-pentanone (MIBK)	ND	U	4	"						
Toluene	ND	U	0.5	"						
trans-1,3-Dichloropropene	ND	C3, J, U	0.5	"						
1,1,2-Trichloroethane	ND	U	0.5	"						
Tetrachloroethene	ND	U	0.5	"						
1,3-Dichloropropane	ND	U	0.5	"						
2-Hexanone	ND	U	4	"						
Chlorodibromomethane	ND	U	0.5	"						
1,2-Dibromoethane (EDB)	ND	U	0.5	"						



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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0038 - 5030 P&T VOA - VOCs

Prepared & Analyzed: 02/14/11

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Blank (B1B0038-BLK1)

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	U	0.5	"						
1,2,3-Trichlorobenzene	ND	U	0.5	"						
Dibromofluoromethane	0.0	U		"						

Surrogate: 1,2-Dichloroethane-d4	5.58		"	5.00		112	76-130
Surrogate: Toluene-d8	5.30		"	5.00		106	83-120
Surrogate: 4-Bromofluorobenzene	4.92		"	5.00		98	74-110
Surrogate: 1,2-Dichlorobenzene-d4	4.90		"	5.00		98	69-120

LCS (B1B0038-BS1)

Dichlorodifluoromethane	3.9		0.5 ug/L	5.00		78	5.7-180	200
Chloromethane	3.97		0.5 "	5.00		79	47-140	200
Vinyl chloride	4.32		0.5 "	5.00		86	70-130	200
Bromomethane	3.95		0.5 "	5.00		79	50-160	200
Chloroethane	4.35		0.5 "	5.00		87	68-140	200
Trichlorofluoromethane	3.96		0.5 "	5.00		79	63-150	200



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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0038 - 5030 P&T VOA - VOCs

Prepared & Analyzed: 02/14/11

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

LCS (B1B0038-BS1)

1,1-Dichloroethene	4.16		0.5	"	5.00		83	70-130		200
1,1,2-Trichloro-1,2,2-trifluoroethane	4.03		0.5	"	5.00		81	53-150		200
Acetone	32.9		4	"	40.0		82	32-190		200
Carbon disulfide	3.73		0.5	"	5.00		75	70-130		200
Dichloromethane	3.73		0.5	"	5.00		75	70-130		200
tert-Butyl alcohol	105		10	"	100		105	47-140		200
trans-1,2-Dichloroethene	3.84		0.5	"	5.00		77	70-130		200
tert-Butyl methyl ether (MTBE)	17.4		2	"	20.0		87	59-150		200
1,1-Dichloroethane	4.18		0.5	"	5.00		84	70-140		200
Diisopropyl ether	18.7		2	"	20.0		94	90-140		200
Ethyl tert-butyl ether	20.3		2	"	20.0		102	90-140		200
2,2-Dichloropropane	5.04		0.5	"	5.00		101	60-150		200
cis-1,2-Dichloroethene	3.9		0.5	"	5.00		78	70-130		200
2-Butanone (MEK)	36		4	"	40.0		90	58-150		200
Bromochloromethane	3.83		0.5	"	5.00		77	55-150		200
Chloroform	3.93		0.5	"	5.00		79	70-130		200
1,1,1-Trichloroethane	5.45		0.5	"	5.00		109	70-130		200
Carbon tetrachloride	5.67		0.5	"	5.00		113	70-130		200
1,1-Dichloropropene	5.3		0.5	"	5.00		106	75-130		200
Benzene	5.16		0.5	"	5.00		103	70-130		200
1,2-Dichloroethane	5.44		0.5	"	5.00		109	70-130		200
tert-Amyl methyl ether	23.5		2	"	20.0		117	85-140		200
Trichloroethene	5.01		0.5	"	5.00		100	70-130		200
1,2-Dichloropropane	5.47		0.5	"	5.00		109	70-130		200
Dibromomethane	5.08		0.5	"	5.00		102	80-120		200
Bromodichloromethane	5.44		0.5	"	5.00		109	70-130		200
cis-1,3-Dichloropropene	5.83		0.5	"	5.00		117	81-130		200
4-Methyl-2-pentanone (MIBK)	54.7		4	"	40.0		137	70-140		200
Toluene	5.52		0.5	"	5.00		110	70-130		200
trans-1,3-Dichloropropene	6.91		0.5	"	5.00		138	80-140		200
1,1,2-Trichloroethane	5.68		0.5	"	5.00		114	70-130		200
Tetrachloroethene	5.24		0.5	"	5.00		105	70-130		200
1,3-Dichloropropane	5.79		0.5	"	5.00		116	78-120		200
Chlorodibromomethane	6.03		0.5	"	5.00		121	70-130		200
1,2-Dibromoethane (EDB)	5.72		0.5	"	5.00		114	83-120		200
Chlorobenzene	5.38		0.5	"	5.00		108	70-130		200
1,1,1,2-Tetrachloroethane	6.14		0.5	"	5.00		123	82-130		200
Ethylbenzene	5.54		0.5	"	5.00		111	70-130		200
m&p-Xylene	10.9		1	"	10.0		109	70-130		200
o-Xylene	5.48		0.5	"	5.00		110	70-130		200
Styrene	5.43		0.5	"	5.00		109	70-130		200
Bromoform	6.26		0.5	"	5.00		125	70-130		200



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: Cameron McDonald Project Number: R11R03 Project: Western Environmental, Inc. 2011 RCRA Inspection	RCRA Enforcement Office 75 Hawthorne Street San Francisco CA, 94105	SDG: 11042B Reported: 03/17/11 14:48
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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0038 - 5030 P&T VOA - VOCs

Prepared & Analyzed: 02/14/11

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

LCS (B1B0038-BS1)

Isopropylbenzene	5.41		0.5	"	5.00		108	83-130		200
Bromobenzene	5.27		0.5	"	5.00		105	84-120		200
1,1,2,2-Tetrachloroethane	5.71		0.5	"	5.00		114	80-120		200
1,2,3-Trichloropropane	5.93		0.5	"	5.00		119	79-130		200
Propylbenzene	5.46		0.5	"	5.00		109	83-130		200
2-Chlorotoluene	5.42		0.5	"	5.00		108	84-120		200
4-Chlorotoluene	5.5		0.5	"	5.00		110	85-120		200
1,3,5-Trimethylbenzene	5.4		0.5	"	5.00		108	84-120		200
tert-Butylbenzene	5.22		0.5	"	5.00		104	83-130		200
1,2,4-Trimethylbenzene	5.38		0.5	"	5.00		108	86-120		200
sec-Butylbenzene	5.26		0.5	"	5.00		105	81-130		200
1,3-Dichlorobenzene	5.17		0.5	"	5.00		103	83-120		200
p-Isopropyltoluene	5.21		0.5	"	5.00		104	83-130		200
1,4-Dichlorobenzene	5.18		0.5	"	5.00		104	70-130		200
1,2-Dichlorobenzene	5.17		0.5	"	5.00		103	70-130		200
Butylbenzene	5.37		0.5	"	5.00		107	83-130		200
1,2-Dibromo-3-chloropropane	27.9		2	"	20.0		139	64-131		200
1,2,4-Trichlorobenzene	5.05		0.5	"	5.00		101	70-130		200
Hexachlorobutadiene	4.93		0.5	"	5.00		99	76-130		200
Naphthalene	5.55		0.5	"	5.00		111	64-150		200
1,2,3-Trichlorobenzene	5.27		0.5	"	5.00		105	58-150		200
Dibromofluoromethane	0.00	U		"				0-200		200

Surrogate: 1,2-Dichloroethane-d4	5.25			"	5.00		105	76-130		
Surrogate: Toluene-d8	5.32			"	5.00		106	83-120		
Surrogate: 4-Bromofluorobenzene	5.11			"	5.00		102	74-110		
Surrogate: 1,2-Dichlorobenzene-d4	4.91			"	5.00		98	69-120		

Duplicate (B1B0038-DUP1)

Source: 1102012-01

Dichlorodifluoromethane	ND	U	50	ug/L		ND				20
Chloromethane	ND	U	50	"		ND				20
Vinyl chloride	ND	U	50	"		ND				20
Bromomethane	ND	U	50	"		ND				20
Chloroethane	ND	U	50	"		ND				20
Trichlorofluoromethane	ND	U	50	"		ND				20
1,1-Dichloroethene	ND	U	50	"		ND				20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	U	50	"		ND				20
Acetone	11,500	J, C3	400	"		11,500			0.2	20
Carbon disulfide	53.6		50	"		51.6			4	20
Dichloromethane	ND	U	50	"		ND				20
trans-1,2-Dichloroethene	ND	U	50	"		ND				20
tert-Butyl methyl ether (MTBE)	ND	U	200	"		ND				20



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Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0038 - 5030 P&T VOA - VOCs

Prepared: 02/14/11 Analyzed: 02/15/11

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Duplicate (B1B0038-DUP1)

Source: 1102012-01

1,1-Dichloroethane	ND	U	50	"		ND				20
2,2-Dichloropropane	ND	C3, J, U	50	"		ND				20
cis-1,2-Dichloroethene	ND	U	50	"		ND				20
2-Butanone (MEK)	8,730		400	"		8,700			0.3	20
Bromochloromethane	ND	U	50	"		ND				20
Chloroform	ND	U	50	"		ND				20
1,1,1-Trichloroethane	ND	U	50	"		ND				20
Carbon tetrachloride	ND	U	50	"		ND				20
1,1-Dichloropropene	ND	U	50	"		ND				20
Benzene	ND	U	50	"		ND				20
1,2-Dichloroethane	ND	U	50	"		ND				20
Trichloroethene	ND	U	50	"		ND				20
1,2-Dichloropropane	ND	U	50	"		ND				20
Dibromomethane	ND	U	50	"		ND				20
Bromodichloromethane	ND	U	50	"		ND				20
cis-1,3-Dichloropropene	ND	U	50	"		ND				20
Toluene	96.4		50	"		90.9			6	20
trans-1,3-Dichloropropene	ND	C3, J, U	50	"		ND				20
1,1,2-Trichloroethane	ND	U	50	"		ND				20
Tetrachloroethene	ND	U	50	"		ND				20
1,3-Dichloropropane	ND	U	50	"		ND				20
Chlorodibromomethane	ND	U	50	"		ND				20
1,2-Dibromoethane (EDB)	ND	U	50	"		ND				20
Chlorobenzene	ND	U	50	"		ND				20
1,1,1,2-Tetrachloroethane	ND	U	50	"		ND				20
Ethylbenzene	ND	U	50	"		ND				20
m&p-Xylene	81.9	C1, J	100	"		80.6			2	20
o-Xylene	36.7	C1, J	50	"		36.1			2	20
Styrene	ND	U	50	"		ND				20
Bromoform	ND	C3, J, U	50	"		ND				20
Isopropylbenzene	ND	U	50	"		ND				20
Bromobenzene	ND	U	50	"		ND				20
1,1,2,2-Tetrachloroethane	ND	U	50	"		ND				20
1,2,3-Trichloropropane	ND	U	50	"		ND				20
Propylbenzene	ND	U	50	"		ND				20
2-Chlorotoluene	ND	U	50	"		ND				20
4-Chlorotoluene	ND	U	50	"		ND				20
1,3,5-Trimethylbenzene	ND	U	50	"		ND				20
tert-Butylbenzene	ND	U	50	"		ND				20
1,2,4-Trimethylbenzene	ND	U	50	"		ND				20
sec-Butylbenzene	ND	U	50	"		ND				20
1,3-Dichlorobenzene	ND	U	50	"		ND				20



**United States Environmental Protection Agency
Region 9 Laboratory**

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Project Manager: Cameron McDonald	RCRA Enforcement Office	SDG: 11042B
Project Number: R11R03	75 Hawthorne Street	Reported: 03/17/11 14:48
Project: Western Environmental, Inc. 2011 RCRA Inspection	San Francisco CA, 94105	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B1B0038 - 5030 P&T VOA - VOCs

Prepared: 02/14/11 Analyzed: 02/15/11

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Duplicate (B1B0038-DUP1)		Source: 1102012-01								
p-Isopropyltoluene	ND	U	50	"		ND				20
1,4-Dichlorobenzene	ND	U	50	"		ND				20
1,2-Dichlorobenzene	ND	U	50	"		ND				20
Butylbenzene	ND	U	50	"		ND				20
1,2-Dibromo-3-chloropropane	ND	C3, J, U	200	"		ND				20
1,2,4-Trichlorobenzene	ND	U	50	"		ND				20
Hexachlorobutadiene	ND	U	50	"		ND				20
Naphthalene	55.5		50	"		61.3			10	20
1,2,3-Trichlorobenzene	ND	U	50	"		ND				20

Surrogate: 1,2-Dichloroethane-d4	5.44			"	5.00		109	76-130		
Surrogate: Toluene-d8	5.31			"	5.00		106	83-120		
Surrogate: 4-Bromofluorobenzene	5.19			"	5.00		104	74-110		
Surrogate: 1,2-Dichlorobenzene-d4	5.29			"	5.00		106	69-120		



United States Environmental Protection Agency
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Project Manager: Cameron McDonald

RCRA Enforcement Office

SDG: 11042B

Project Number: R11R03

75 Hawthorne Street

Reported: 03/17/11 14:48

Project: Western Environmental, Inc. 2011 RCRA
Inspection

San Francisco CA, 94105

Qualifiers and Comments

N TIC Tentatively Identified Compound - This compound was identified only by match with mass spectral library. Identification and quantitation should be considered tentative and presumptive.

J The reported result for this analyte should be considered an estimated value.

C3 The initial calibration for this analyte did not meet calibration criteria.

C1 The reported concentration for this analyte is below the quantitation limit.

U Not Detected

NR Not Reported

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

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