

*Appendix C*  
*Pre-Design Analytical Data*

13 March, 2007

Brian Bjorklund  
ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek, CA 94596

RE: UPRR Hookston Station  
Work Order: SQB0485

Enclosed are the results of analyses for samples received by the laboratory on 02/23/07 15:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Ron Chew  
Dept Manager / Client Services Representative

CA ELAP Certificate # 2630

ERM-West - Walnut Creek 1777 Botelho Drive, Suite 260 Walnut Creek CA, 94596	Project: UPRR Hookston Station Project Number: 0020557.10 Project Manager: Brian Bjorklund	SQB0485 <b>Reported:</b> 03/13/07 13:57
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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CPT-39-54	SQB0485-01	Water	02/22/07 11:39	02/23/07 15:35
CPT-46-44	SQB0485-02	Water	02/22/07 14:33	02/23/07 15:35
CPT-44-41	SQB0485-03	Water	02/22/07 16:36	02/23/07 15:35
CPT-38-20	SQB0485-04	Water	02/23/07 09:26	02/23/07 15:35
CPT-38-54	SQB0485-05	Water	02/23/07 09:43	02/23/07 15:35
CPT-37-34	SQB0485-06	Water	02/23/07 11:08	02/23/07 15:35
CPT-37-65	SQB0485-07	Water	02/23/07 11:25	02/23/07 15:35
CPT-36-34	SQB0485-08	Water	02/23/07 13:24	02/23/07 15:35
CPT-36-73	SQB0485-09	Water	02/23/07 13:56	02/23/07 15:35
Trip Blank	SQB0485-10	Water	02/23/07 00:00	02/23/07 15:35

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
**Reported:**  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>CPT-39-54 (SQB0485-01) Water    Sampled: 02/22/07 11:39    Received: 02/23/07 15:35</b>										
Ethyl tert-butyl ether	ND	0.50		ug/l	1	7030064	03/07/07	03/08/07	EPA 8260B	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0		"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50		"	"	"	"	"	"	
2-Butanone	ND	2.0		"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50		"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0		"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0		"	"	"	"	"	"	
Acetone	ND	5.0		"	"	"	"	"	"	
Acetonitrile	ND	10		"	"	"	"	"	"	
Acrolein	ND	5.0		"	"	"	"	"	"	
Acrylonitrile	ND	2.0		"	"	"	"	"	"	
Allyl chloride	ND	0.50		"	"	"	"	"	"	
Carbon disulfide	ND	0.50		"	"	"	"	"	"	
Chloroprene	ND	0.50		"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50		"	"	"	"	"	"	
Freon 113	ND	0.50		"	"	"	"	"	"	
Iodomethane	ND	1.0		"	"	"	"	"	"	
Isobutanol	ND	5.0		"	"	"	"	"	"	
m,p-Xylene	ND	1.0		"	"	"	"	"	"	
Methacrylonitrile	ND	1.0		"	"	"	"	"	"	
Methyl methacrylate	ND	0.50		"	"	"	"	"	"	
o-Xylene	ND	0.70		"	"	"	"	"	"	
Propionitrile	ND	5.0		"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50		"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50		"	"	"	"	"	"	
Vinyl acetate	ND	2.0		"	"	"	"	"	"	
Benzene	ND	0.50		"	"	"	"	"	"	
Bromobenzene	ND	0.50		"	"	"	"	"	"	
Bromochloromethane	ND	1.0		"	"	"	"	"	"	
Bromodichloromethane	ND	0.50		"	"	"	"	"	"	
Bromoform	ND	0.50		"	"	"	"	"	"	
Bromomethane	ND	1.0		"	"	"	"	"	"	
n-Butylbenzene	ND	0.50		"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50		"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50		"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50		"	"	"	"	"	"	
Chlorobenzene	ND	0.50		"	"	"	"	"	"	
Chloroethane	ND	1.0		"	"	"	"	"	"	
Chloroform	ND	0.50		"	"	"	"	"	"	

TestAmerica - Sacramento, CA

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.*

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-39-54 (SQB0485-01) Water    Sampled: 02/22/07 11:39    Received: 02/23/07 15:35</b>									
Chloromethane	ND	1.0	ug/l	1	7030064	03/07/07	03/08/07	EPA 8260B	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>3.9</b>	0.50	"	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	<b>0.66</b>	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>73</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>5.0</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>0.62</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>1.0</b>	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1,2-Trichloroethane</b>	<b>1.6</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	

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Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-39-54 (SQB0485-01) Water Sampled: 02/22/07 11:39 Received: 02/23/07 15:35</b>									
1,3,5-Trimethylbenzene	ND	0.50	ug/l	1	7030064	03/07/07	03/08/07	EPA 8260B	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		100 %	70-130		"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		96 %	78-128		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %	86-112		"	"	"	"	
<i>Surrogate: 4-BFB</i>		97 %	86-114		"	"	"	"	
<b>CPT-39-54 (SQB0485-01RE1) Water Sampled: 02/22/07 11:39 Received: 02/23/07 15:35</b>									
<b>Trichloroethene</b>	<b>820</b>	5.0	ug/l	10	7030064	03/08/07	03/08/07	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		107 %	70-130		"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		105 %	78-128		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	86-112		"	"	"	"	
<i>Surrogate: 4-BFB</i>		101 %	86-114		"	"	"	"	
<b>CPT-46-44 (SQB0485-02) Water Sampled: 02/22/07 14:33 Received: 02/23/07 15:35</b>									
Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030064	03/07/07	03/08/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	

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SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-46-44 (SQB0485-02) Water    Sampled: 02/22/07 14:33    Received: 02/23/07 15:35</b>									
Propionitrile	ND	5.0	ug/l	1	7030064	03/07/07	03/08/07	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>0.63</b>	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>8.8</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>5.9</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>0.51</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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SQB0485  
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03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-46-44 (SQB0485-02) Water    Sampled: 02/22/07 14:33    Received: 02/23/07 15:35</b>									
p-Isopropyltoluene	ND	0.50	ug/l	1	7030064	03/07/07	03/08/07	EPA 8260B	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>Trichloroethene</b>	<b>170</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		100 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		97 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		97 %		86-114	"	"	"	"	



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SQB0485  
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03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-44-41 (SQB0485-03) Water Sampled: 02/22/07 16:36 Received: 02/23/07 15:35</b>									
Di-isopropyl ether	ND	0.50	ug/l	1	7030064	03/07/07	03/08/07	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-44-41 (SQB0485-03) Water**    **Sampled: 02/22/07 16:36**    **Received: 02/23/07 15:35**

Chloromethane	ND	1.0	ug/l	1	7030064	03/07/07	03/08/07	EPA 8260B	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>0.55</b>	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>6.2</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>25</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>2.0</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>Trichloroethene</b>	<b>160</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-44-41 (SQB0485-03) Water Sampled: 02/22/07 16:36 Received: 02/23/07 15:35</b>									
1,2,4-Trimethylbenzene	ND	0.50	ug/l	1	7030064	03/07/07	03/08/07	EPA 8260B	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
<b>Vinyl chloride</b>	<b>0.94</b>	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		105 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		96 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		98 %		86-114	"	"	"	"	
<b>CPT-38-20 (SQB0485-04) Water Sampled: 02/23/07 09:26 Received: 02/23/07 15:35</b>									
Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
<b>Acetone</b>	<b>6.3</b>	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	

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SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-38-20 (SQB0485-04) Water    Sampled: 02/23/07 09:26    Received: 02/23/07 15:35</b>									
Bromochloromethane	ND	1.0	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>0.99</b>	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>4.7</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>24</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>0.79</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	

ERM-West - Walnut Creek  
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SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-38-20 (SQB0485-04) Water**    **Sampled: 02/23/07 09:26**    **Received: 02/23/07 15:35**

1,1,1,2-Tetrachloroethane	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>1.1</b>	<b>0.50</b>	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		103 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		105 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		104 %		86-114	"	"	"	"	

**CPT-38-20 (SQB0485-04RE1) Water**    **Sampled: 02/23/07 09:26**    **Received: 02/23/07 15:35**

<b>Trichloroethene</b>	<b>240</b>	<b>2.5</b>	<b>ug/l</b>	<b>5</b>	<b>7030079</b>	<b>03/09/07</b>	<b>03/09/07</b>	<b>EPA 8260B</b>	
<i>Surrogate: Dibromofluoromethane</i>		106 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		105 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		102 %		86-114	"	"	"	"	

ERM-West - Walnut Creek  
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Project: UPRR Hookston Station  
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SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-38-54 (SQB0485-05) Water    Sampled: 02/23/07 09:43    Received: 02/23/07 15:35</b>									
Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	

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SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-38-54 (SQB0485-05) Water Sampled: 02/23/07 09:43 Received: 02/23/07 15:35**

Chloromethane	ND	1.0	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>4.2</b>	0.50	"	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	<b>0.66</b>	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>81</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>4.7</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>0.72</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>1.0</b>	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1,2-Trichloroethane</b>	<b>1.6</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-38-54 (SQB0485-05) Water    Sampled: 02/23/07 09:43    Received: 02/23/07 15:35</b>									
1,3,5-Trimethylbenzene	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		113 %	70-130		"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		107 %	78-128		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %	86-112		"	"	"	"	
<i>Surrogate: 4-BFB</i>		107 %	86-114		"	"	"	"	
<b>CPT-38-54 (SQB0485-05RE1) Water    Sampled: 02/23/07 09:43    Received: 02/23/07 15:35</b>									
<b>Trichloroethene</b>	<b>1100</b>	5.0	ug/l	10	7030079	03/09/07	03/09/07	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		105 %	70-130		"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		102 %	78-128		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96 %	86-112		"	"	"	"	
<i>Surrogate: 4-BFB</i>		100 %	86-114		"	"	"	"	
<b>CPT-37-34 (SQB0485-06) Water    Sampled: 02/23/07 11:08    Received: 02/23/07 15:35</b>									
Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-37-34 (SQB0485-06) Water    Sampled: 02/23/07 11:08    Received: 02/23/07 15:35</b>									
Propionitrile	ND	5.0	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>3.7</b>	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>28</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>18</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>0.97</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
**Reported:**  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-37-34 (SQB0485-06) Water    Sampled: 02/23/07 11:08    Received: 02/23/07 15:35</b>									
p-Isopropyltoluene	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>0.51</b>	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>1.2</b>	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1,2-Trichloroethane</b>	<b>0.73</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
<b>Vinyl chloride</b>	<b>0.69</b>	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		108 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		102 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		108 %		86-114	"	"	"	"	

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-37-34 (SQB0485-06RE1) Water    Sampled: 02/23/07 11:08    Received: 02/23/07 15:35</b>									
<b>Trichloroethene</b>	<b>440</b>	5.0	ug/l	10	7030079	03/09/07	03/09/07	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		102 %	70-130		"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		108 %	78-128		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97 %	86-112		"	"	"	"	
<i>Surrogate: 4-BFB</i>		109 %	86-114		"	"	"	"	
<b>CPT-37-65 (SQB0485-07) Water    Sampled: 02/23/07 11:25    Received: 02/23/07 15:35</b>									
Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	

ERM-West - Walnut Creek  
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SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-37-65 (SQB0485-07) Water    Sampled: 02/23/07 11:25    Received: 02/23/07 15:35</b>									
Bromomethane	ND	1.0	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>4.6</b>	0.50	"	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	<b>0.82</b>	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>81</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>5.3</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>0.85</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>1.3</b>	0.50	"	"	"	"	"	"	

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1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-37-65 (SQB0485-07) Water Sampled: 02/23/07 11:25 Received: 02/23/07 15:35**

Toluene	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1,2-Trichloroethane</b>	<b>1.8</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		106 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		106 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		106 %		86-114	"	"	"	"	

**CPT-37-65 (SQB0485-07RE1) Water Sampled: 02/23/07 11:25 Received: 02/23/07 15:35**

<b>Trichloroethene</b>	<b>980</b>	5.0	ug/l	10	7030079	03/09/07	03/09/07	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		104 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		105 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		100 %		86-114	"	"	"	"	

**CPT-36-34 (SQB0485-08) Water Sampled: 02/23/07 13:24 Received: 02/23/07 15:35**

Tert-amyl methyl ether	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
<b>Acetone</b>	<b>5.6</b>	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-36-34 (SQB0485-08) Water    Sampled: 02/23/07 13:24    Received: 02/23/07 15:35</b>									
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>2.1</b>	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>8.0</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>23</b>	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-36-34 (SQB0485-08) Water    Sampled: 02/23/07 13:24    Received: 02/23/07 15:35</b>									
<b>trans-1,2-Dichloroethene</b>	<b>0.91</b>	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>0.68</b>	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1,2-Trichloroethane</b>	<b>0.57</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		<i>111 %</i>		<i>70-130</i>					
<i>Surrogate: 1,2-DCA-d4</i>		<i>104 %</i>		<i>78-128</i>					
<i>Surrogate: Toluene-d8</i>		<i>98 %</i>		<i>86-112</i>					
<i>Surrogate: 4-BFB</i>		<i>103 %</i>		<i>86-114</i>					

ERM-West - Walnut Creek  
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Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-36-34 (SQB0485-08RE1) Water** Sampled: 02/23/07 13:24 Received: 02/23/07 15:35

<b>Trichloroethene</b>	<b>280</b>	2.5	ug/l	5	7030079	03/09/07	03/09/07	EPA 8260B	
Surrogate: Dibromofluoromethane		106 %	70-130		"	"	"	"	
Surrogate: 1,2-DCA-d4		101 %	78-128		"	"	"	"	
Surrogate: Toluene-d8		97 %	86-112		"	"	"	"	
Surrogate: 4-BFB		98 %	86-114		"	"	"	"	

**CPT-36-73 (SQB0485-09) Water** Sampled: 02/23/07 13:56 Received: 02/23/07 15:35

Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-36-73 (SQB0485-09) Water**    **Sampled: 02/23/07 13:56**    **Received: 02/23/07 15:35**

Bromomethane	ND	1.0	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>3.2</b>	0.50	"	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	<b>0.53</b>	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>55</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>5.6</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>0.61</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>0.82</b>	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-36-73 (SQB0485-09) Water Sampled: 02/23/07 13:56 Received: 02/23/07 15:35</b>									
Toluene	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1,2-Trichloroethane</b>	<b>1.1</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		107 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		105 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		102 %		86-114	"	"	"	"	
<b>CPT-36-73 (SQB0485-09RE1) Water Sampled: 02/23/07 13:56 Received: 02/23/07 15:35</b>									
<b>Trichloroethene</b>	<b>920</b>	5.0	ug/l	10	7030079	03/09/07	03/09/07	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		110 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		107 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		98 %		86-114	"	"	"	"	
<b>Trip Blank (SQB0485-10) Water Sampled: 02/23/07 00:00 Received: 02/23/07 15:35</b>									
Tert-amyl methyl ether	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	

ERM-West - Walnut Creek  
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Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Trip Blank (SQB0485-10) Water    Sampled: 02/23/07 00:00    Received: 02/23/07 15:35</b>									
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Trip Blank (SQB0485-10) Water    Sampled: 02/23/07 00:00    Received: 02/23/07 15:35</b>									
trans-1,2-Dichloroethene	ND	0.50	ug/l	1	7030079	03/08/07	03/09/07	EPA 8260B	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		<i>109 %</i>	<i>70-130</i>						
<i>Surrogate: 1,2-DCA-d4</i>		<i>105 %</i>	<i>78-128</i>						
<i>Surrogate: Toluene-d8</i>		<i>99 %</i>	<i>86-112</i>						
<i>Surrogate: 4-BFB</i>		<i>106 %</i>	<i>86-114</i>						

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Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030064 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030064-BLK1)**

Prepared & Analyzed: 03/07/07

Ethyl tert-butyl ether	ND	0.50	ug/l							
Di-isopropyl ether	ND	0.50	"							
Tert-amyl methyl ether	ND	0.50	"							
Tert-butyl alcohol	ND	5.0	"							
2-Butanone	ND	2.0	"							
2-Chloroethylvinyl ether	ND	0.50	"							A-01
2-Hexanone	ND	2.0	"							
4-Methyl-2-pentanone	ND	2.0	"							
Acetone	ND	5.0	"							
Acetonitrile	ND	10	"							
Acrolein	ND	5.0	"							
Acrylonitrile	ND	2.0	"							
Allyl chloride	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Chloroprene	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Freon 113	ND	0.50	"							
Iodomethane	ND	1.0	"							
Isobutanol	ND	5.0	"							
m,p-Xylene	ND	1.0	"							
Methacrylonitrile	ND	1.0	"							
Methyl methacrylate	ND	0.50	"							
o-Xylene	ND	0.70	"							
Propionitrile	ND	5.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
trans-1,4-Dichloro-2-butene	ND	0.50	"							
Vinyl acetate	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							

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Project: UPRR Hookston Station  
Project Number: 0020557.10  
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SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030064 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030064-BLK1)**

Prepared & Analyzed: 03/07/07

tert-Butylbenzene	ND	0.50	ug/l							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Dibromomethane	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
1,1-Dichloropropene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							

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SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030064 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030064-BLK1)**

Prepared & Analyzed: 03/07/07

Tetrachloroethene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
<i>Surrogate: Dibromofluoromethane</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>9.76</i>		<i>"</i>	<i>10.0</i>		<i>98</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.68</i>		<i>"</i>	<i>10.0</i>		<i>97</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>86-114</i>			

**Blank (7030064-BLK2)**

Prepared & Analyzed: 03/08/07

2-Butanone	ND	2.0	ug/l							
2-Chloroethylvinyl ether	ND	0.50	"							A-01
2-Hexanone	ND	2.0	"							
4-Methyl-2-pentanone	ND	2.0	"							
Acetone	ND	5.0	"							
Acetonitrile	ND	10	"							
Acrolein	ND	5.0	"							
Acrylonitrile	ND	2.0	"							
Allyl chloride	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Chloroprene	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Freon 113	ND	0.50	"							
Iodomethane	ND	1.0	"							
Isobutanol	ND	5.0	"							
m,p-Xylene	ND	1.0	"							
Methacrylonitrile	ND	1.0	"							

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SQB0485  
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03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030064 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030064-BLK2)**

Prepared & Analyzed: 03/08/07

Methyl methacrylate	ND	0.50	ug/l							
o-Xylene	ND	0.70	"							
Propionitrile	ND	5.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
trans-1,4-Dichloro-2-butene	ND	0.50	"							
Vinyl acetate	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Dibromomethane	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							

TestAmerica - Sacramento, CA

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**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030064 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030064-BLK2)**

Prepared & Analyzed: 03/08/07

1,3-Dichloropropane	ND	0.50	ug/l							
2,2-Dichloropropane	ND	0.50	"							
1,1-Dichloropropene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
Methylene chloride	10.2	5.0	"							B
Methyl tert-butyl ether	ND	0.50	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	0.50	"							
Toluene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
<i>Surrogate: Dibromofluoromethane</i>	9.54		"	10.0		95	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	9.97		"	10.0		100	78-128			
<i>Surrogate: Toluene-d8</i>	9.96		"	10.0		100	86-112			
<i>Surrogate: 4-BFB</i>	9.60		"	10.0		96	86-114			

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SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030064 - EPA 5030B [P/T] / EPA 8260B**

**Laboratory Control Sample (7030064-BS1)**

Prepared & Analyzed: 03/07/07

Benzene	21.8	0.50	ug/l	20.0		109	87-113			
Chlorobenzene	21.4	0.50	"	20.0		107	70-130			
1,1-Dichloroethene	20.5	0.50	"	20.0		102	70-130			
Methyl tert-butyl ether	20.4	0.50	"	20.0		102	71-122			
Toluene	21.6	0.50	"	20.0		108	86-114			
Trichloroethene	21.0	0.50	"	20.0		105	70-130			
<i>Surrogate: Dibromofluoromethane</i>	9.89		"	10.0		99	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	9.80		"	10.0		98	78-128			
<i>Surrogate: Toluene-d8</i>	9.78		"	10.0		98	86-112			
<i>Surrogate: 4-BFB</i>	10.1		"	10.0		101	86-114			

**Laboratory Control Sample (7030064-BS2)**

Prepared & Analyzed: 03/08/07

Benzene	22.0	0.50	ug/l	20.0		110	87-113			
Chlorobenzene	19.9	0.50	"	20.0		100	70-130			
1,1-Dichloroethene	22.2	0.50	"	20.0		111	70-130			
Methyl tert-butyl ether	19.8	0.50	"	20.0		99	71-122			
Toluene	20.9	0.50	"	20.0		104	86-114			
Trichloroethene	21.2	0.50	"	20.0		106	70-130			
<i>Surrogate: Dibromofluoromethane</i>	10.3		"	10.0		103	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	10.4		"	10.0		104	78-128			
<i>Surrogate: Toluene-d8</i>	9.74		"	10.0		97	86-112			
<i>Surrogate: 4-BFB</i>	9.86		"	10.0		99	86-114			

**Matrix Spike (7030064-MS1)**

Source: SQB0530-01

Prepared & Analyzed: 03/08/07

Benzene	22.2	0.50	ug/l	20.0	ND	111	87-113			
Chlorobenzene	20.6	0.50	"	20.0	ND	103	70-130			
1,1-Dichloroethene	24.2	0.50	"	20.0	ND	121	70-130			
Methyl tert-butyl ether	20.0	0.50	"	20.0	ND	100	71-122			
Toluene	22.2	0.50	"	20.0	ND	111	86-114			
Trichloroethene	21.8	0.50	"	20.0	ND	109	70-130			
<i>Surrogate: Dibromofluoromethane</i>	10.8		"	10.0		108	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	10.9		"	10.0		109	78-128			
<i>Surrogate: Toluene-d8</i>	10.1		"	10.0		101	86-112			
<i>Surrogate: 4-BFB</i>	9.77		"	10.0		98	86-114			

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SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030064 - EPA 5030B [P/T] / EPA 8260B**

Matrix Spike Dup (7030064-MSD1)	Source: SQB0530-01	Prepared & Analyzed: 03/08/07								
Benzene	22.2	0.50	ug/l	20.0	ND	111	87-113	0	25	
Chlorobenzene	20.0	0.50	"	20.0	ND	100	70-130	3	25	
1,1-Dichloroethene	23.9	0.50	"	20.0	ND	120	70-130	1	25	
Methyl tert-butyl ether	19.8	0.50	"	20.0	ND	99	71-122	1	25	
Toluene	21.0	0.50	"	20.0	ND	105	86-114	6	25	
Trichloroethene	21.5	0.50	"	20.0	ND	108	70-130	1	25	
Surrogate: Dibromofluoromethane	10.9		"	10.0		109	70-130			
Surrogate: 1,2-DCA-d4	10.6		"	10.0		106	78-128			
Surrogate: Toluene-d8	9.84		"	10.0		98	86-112			
Surrogate: 4-BFB	9.80		"	10.0		98	86-114			

**Batch 7030079 - EPA 5030B [P/T] / EPA 8260B**

Blank (7030079-BLK1)	Prepared: 03/08/07 Analyzed: 03/09/07									
Di-isopropyl ether	ND	0.50	ug/l							
Ethyl tert-butyl ether	ND	0.50	"							
Tert-amyl methyl ether	ND	0.50	"							
Tert-butyl alcohol	ND	5.0	"							
2-Butanone	ND	2.0	"							
2-Chloroethylvinyl ether	ND	0.50	"							A-01
2-Hexanone	ND	2.0	"							
4-Methyl-2-pentanone	ND	2.0	"							
Acetone	ND	5.0	"							
Acetonitrile	ND	10	"							
Acrolein	ND	5.0	"							
Acrylonitrile	ND	2.0	"							
Allyl chloride	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Chloroprene	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Freon 113	ND	0.50	"							
Iodomethane	ND	1.0	"							
Isobutanol	ND	5.0	"							
m,p-Xylene	ND	1.0	"							
Methacrylonitrile	ND	1.0	"							
Methyl methacrylate	ND	0.50	"							

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030079 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030079-BLK1)**

Prepared: 03/08/07 Analyzed: 03/09/07

o-Xylene	ND	0.70	ug/l							
Propionitrile	ND	5.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
trans-1,4-Dichloro-2-butene	ND	0.50	"							
Vinyl acetate	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	1.60	0.50	"							B
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Dibromomethane	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030079 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030079-BLK1)**

Prepared: 03/08/07 Analyzed: 03/09/07

2,2-Dichloropropane	ND	0.50	ug/l							
1,1-Dichloropropene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	0.50	"							
Toluene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
<i>Surrogate: Dibromofluoromethane</i>	<i>10.2</i>	<i>"</i>	<i>"</i>	<i>10.0</i>	<i>102</i>	<i>70-130</i>				
<i>Surrogate: 1,2-DCA-d4</i>	<i>9.87</i>	<i>"</i>	<i>"</i>	<i>10.0</i>	<i>99</i>	<i>78-128</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>	<i>"</i>	<i>"</i>	<i>10.0</i>	<i>103</i>	<i>86-112</i>				
<i>Surrogate: 4-BFB</i>	<i>10.1</i>	<i>"</i>	<i>"</i>	<i>10.0</i>	<i>101</i>	<i>86-114</i>				

ERM-West - Walnut Creek  
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Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030079 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030079-BLK2)**

Prepared & Analyzed: 03/09/07

2-Butanone	ND	2.0	ug/l							
2-Chloroethylvinyl ether	ND	0.50	"							
2-Hexanone	ND	2.0	"							
4-Methyl-2-pentanone	ND	2.0	"							
Acetone	ND	5.0	"							
Acetonitrile	ND	10	"							
Acrolein	ND	5.0	"							
Acrylonitrile	ND	2.0	"							
Allyl chloride	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Chloroprene	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Freon 113	ND	0.50	"							
Iodomethane	ND	1.0	"							
Isobutanol	ND	5.0	"							
m,p-Xylene	ND	1.0	"							
Methacrylonitrile	ND	1.0	"							
Methyl methacrylate	ND	0.50	"							
o-Xylene	ND	0.70	"							
Propionitrile	ND	5.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
trans-1,4-Dichloro-2-butene	ND	0.50	"							
Vinyl acetate	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	0.50	"							

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030079 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030079-BLK2)**

Prepared & Analyzed: 03/09/07

Chloromethane	ND	1.0	ug/l							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Dibromomethane	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
1,1-Dichloropropene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	0.50	"							
Toluene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							

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Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030079 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030079-BLK2)**

Prepared & Analyzed: 03/09/07

1,1,2-Trichloroethane	ND	0.50	ug/l							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
<i>Surrogate: Dibromofluoromethane</i>	9.97		"	10.0		100	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	10.2		"	10.0		102	78-128			
<i>Surrogate: Toluene-d8</i>	9.88		"	10.0		99	86-112			
<i>Surrogate: 4-BFB</i>	10.1		"	10.0		101	86-114			

**Laboratory Control Sample (7030079-BS1)**

Prepared & Analyzed: 03/08/07

Benzene	22.0	0.50	ug/l	20.0		110	87-113			
Chlorobenzene	19.9	0.50	"	20.0		100	70-130			
1,1-Dichloroethene	22.2	0.50	"	20.0		111	70-130			
Methyl tert-butyl ether	19.8	0.50	"	20.0		99	71-122			
Toluene	20.9	0.50	"	20.0		104	86-114			
Trichloroethene	21.2	0.50	"	20.0		106	70-130			
<i>Surrogate: Dibromofluoromethane</i>	10.3		"	10.0		103	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	10.4		"	10.0		104	78-128			
<i>Surrogate: Toluene-d8</i>	9.74		"	10.0		97	86-112			
<i>Surrogate: 4-BFB</i>	9.86		"	10.0		99	86-114			

**Laboratory Control Sample (7030079-BS2)**

Prepared & Analyzed: 03/09/07

Benzene	21.5	0.50	ug/l	20.0		108	87-113			
Chlorobenzene	19.8	0.50	"	20.0		99	70-130			
1,1-Dichloroethene	23.0	0.50	"	20.0		115	70-130			
Methyl tert-butyl ether	19.5	0.50	"	20.0		98	71-122			
Toluene	21.3	0.50	"	20.0		106	86-114			
Trichloroethene	21.9	0.50	"	20.0		110	70-130			
<i>Surrogate: Dibromofluoromethane</i>	10.6		"	10.0		106	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	10.3		"	10.0		103	78-128			
<i>Surrogate: Toluene-d8</i>	9.80		"	10.0		98	86-112			
<i>Surrogate: 4-BFB</i>	10.1		"	10.0		101	86-114			



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SQB0485  
Reported:  
03/13/07 13:57

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030079 - EPA 5030B [P/T] / EPA 8260B**

**Laboratory Control Sample Dup (7030079-BSD1)**

Prepared & Analyzed: 03/08/07

Benzene	23.0	0.50	ug/l	20.0	115	87-113	4	25	L1
Chlorobenzene	20.9	0.50	"	20.0	104	70-130	5	25	
1,1-Dichloroethene	23.7	0.50	"	20.0	118	70-130	7	25	
Methyl tert-butyl ether	20.2	0.50	"	20.0	101	71-122	2	25	
Toluene	22.7	0.50	"	20.0	114	86-114	8	25	
Trichloroethene	22.8	0.50	"	20.0	114	70-130	7	25	
<i>Surrogate: Dibromofluoromethane</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>	<i>102</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>9.91</i>		<i>"</i>	<i>10.0</i>	<i>99</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.87</i>		<i>"</i>	<i>10.0</i>	<i>99</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>	<i>102</i>	<i>86-114</i>			

**Laboratory Control Sample Dup (7030079-BSD2)**

Prepared: 03/09/07 Analyzed: 03/10/07

Benzene	21.7	0.50	ug/l	20.0	108	87-113	0.9	25	
Chlorobenzene	19.1	0.50	"	20.0	96	70-130	4	25	
1,1-Dichloroethene	22.1	0.50	"	20.0	110	70-130	4	25	
Methyl tert-butyl ether	19.5	0.50	"	20.0	98	71-122	0	25	
Toluene	20.8	0.50	"	20.0	104	86-114	2	25	
Trichloroethene	21.4	0.50	"	20.0	107	70-130	2	25	
<i>Surrogate: Dibromofluoromethane</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>	<i>104</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>	<i>102</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.66</i>		<i>"</i>	<i>10.0</i>	<i>97</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>	<i>101</i>	<i>86-114</i>			

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQB0485  
**Reported:**  
03/13/07 13:57

**Notes and Definitions**

- L1 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
- B Analyte was detected in the associated Method Blank.
- A-01 2CEVE Degrades in HCL
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

# Environmental Resources Management

## CHAIN OF CUSTODY RECORD

NO: 4093

1777 Botelho Drive, Suite 260 • Walnut Creek, CA • 94596 • (925) 946-0455 • FAX (925) 946-9968

Page 1 of 1

PROJECT #	PROJECT NAME	# OF CONTAINERS		MATRIX	REQUESTED PARAMETERS	
0020557.22	Hookston Station	3	3	SOIL	VOCs-8260 (01) 02 03 04 05 06 07 08 09 10	
SAMPLER: (PRINT NAME)		OF CONTAINERS		WATER		
Chimi Yi		3		GAS		
RECEIVING LABORATORY						
Test America						
SAMPLE I.D.	DATE	TIME	SAMPLING METHOD	SAMPLING PRESERVE		SAMPLING VOLUME
CPT-39-54	2-22-07	1139	Handy sampler	HCl		40 mL
CPT-46-44	2-22-07	1433				
CPT-44-41	2-22-07	1636				
CPT-38-20	2-23-07	0926				
CPT-38-54		0943		Some preserved		
CPT-37-34		1108				
CPT-37-65		1125				
CPT-36-34		1324		Some preserved		
CPT-36-73		1356				
TRIP Blank				HCl	40 mL	
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY	DATE	TIME	
Chimi Yi	2-23-07	1516	Janice (Stamp)	2/23/07	1516	
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY	DATE	TIME	
Janice	2-23-07	1535	Jeff Youell TA	2/23/07	1535	
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY	DATE	TIME	
Jeff Youell TA	2/23/07	1725	Jeff Youell TA	2/23/07	1940	
REMARKS ON SAMPLE RECEIPT						
Standard TAT						
SEND REPORT TO: Brian • bj@k-lund.com						

22 March, 2007

Brian Bjorklund  
ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek, CA 94596

RE: UPRR Hookston Station  
Work Order: SQC0013

Enclosed are the results of analyses for samples received by the laboratory on 02/28/07 19:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Ron Chew  
Dept Manager / Client Services Representative

CA ELAP Certificate # 2630

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
**Reported:**  
03/22/07 15:33

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CPT-48-47	SQC0013-01	Water	02/26/07 10:19	02/28/07 19:00
CPT-48-52	SQC0013-02	Water	02/26/07 10:44	02/28/07 19:00
CPT-45-39	SQC0013-03	Water	02/26/07 13:20	02/28/07 19:00
CPT-43-20	SQC0013-04	Water	02/26/07 14:16	02/28/07 19:00
CPT-48-41	SQC0013-05	Water	02/27/07 08:45	02/28/07 19:00
CPT-34-41	SQC0013-06	Water	02/26/07 16:28	02/28/07 19:00
CPT-42-23	SQC0013-07	Water	02/27/07 12:50	02/28/07 19:00
CPT-42-45	SQC0013-08	Water	02/27/07 13:10	02/28/07 19:00
CPT-44-20	SQC0013-09	Water	02/27/07 14:15	02/28/07 19:00
CPT-42-54	SQC0013-10	Water	02/27/07 13:35	02/28/07 19:00
CPT-34-64	SQC0013-11	Water	02/27/07 13:30	02/28/07 19:00
CPT-45-20	SQC0013-12	Water	02/27/07 14:45	02/28/07 19:00
CPT-40-39	SQC0013-13	Water	02/28/07 08:55	02/28/07 19:00
CPT-41-34	SQC0013-14	Water	02/28/07 11:45	02/28/07 19:00
CPT-41-48	SQC0013-15	Water	02/28/07 12:00	02/28/07 19:00
Trip blank	SQC0013-16	Water	02/28/07 00:00	02/28/07 19:00

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
**Reported:**  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units							
<b>CPT-48-47 (SQC0013-01) Water Sampled: 02/26/07 10:19 Received: 02/28/07 19:00</b>										
Ethyl tert-butyl ether	ND	2.5	ug/l	5	7030097	03/09/07	03/10/07	EPA 8260B		
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"		
Tert-butyl alcohol	ND	25	"	"	"	"	"	"		
Tert-amyl methyl ether	ND	2.5	"	"	"	"	"	"		
2-Butanone	ND	10	"	"	"	"	"	"		
2-Chloroethylvinyl ether	ND	2.5	"	"	"	"	"	"		A-01
2-Hexanone	ND	10	"	"	"	"	"	"		
4-Methyl-2-pentanone	ND	10	"	"	"	"	"	"		
Acetone	ND	25	"	"	"	"	"	"		
Acetonitrile	ND	50	"	"	"	"	"	"		
Acrolein	ND	25	"	"	"	"	"	"		
Acrylonitrile	ND	10	"	"	"	"	"	"		
Allyl chloride	ND	2.5	"	"	"	"	"	"		
Carbon disulfide	ND	2.5	"	"	"	"	"	"		
Chloroprene	ND	2.5	"	"	"	"	"	"		
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"		
Freon 113	ND	2.5	"	"	"	"	"	"		
Iodomethane	ND	5.0	"	"	"	"	"	"		
Isobutanol	ND	25	"	"	"	"	"	"		
m,p-Xylene	ND	5.0	"	"	"	"	"	"		
Methacrylonitrile	ND	5.0	"	"	"	"	"	"		
Methyl methacrylate	ND	2.5	"	"	"	"	"	"		
o-Xylene	ND	3.5	"	"	"	"	"	"		
Propionitrile	ND	25	"	"	"	"	"	"		
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"		
trans-1,4-Dichloro-2-butene	ND	2.5	"	"	"	"	"	"		
Vinyl acetate	ND	10	"	"	"	"	"	"		
Benzene	ND	2.5	"	"	"	"	"	"		
Bromobenzene	ND	2.5	"	"	"	"	"	"		
Bromochloromethane	ND	5.0	"	"	"	"	"	"		
Bromodichloromethane	ND	2.5	"	"	"	"	"	"		
Bromoform	ND	2.5	"	"	"	"	"	"		
Bromomethane	ND	5.0	"	"	"	"	"	"		
n-Butylbenzene	ND	2.5	"	"	"	"	"	"		
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"		
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"		
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"		
Chlorobenzene	ND	2.5	"	"	"	"	"	"		
Chloroethane	ND	5.0	"	"	"	"	"	"		
<b>Chloroform</b>	<b>2.6</b>	2.5	"	"	"	"	"	"		<b>B</b>

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-48-47 (SQC0013-01) Water    Sampled: 02/26/07 10:19    Received: 02/28/07 19:00</b>									
Chloromethane	ND	5.0	ug/l	5	7030097	03/09/07	03/10/07	EPA 8260B	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>5.2</b>	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>31</b>	2.5	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>5.4</b>	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
<b>Methylene chloride</b>	<b>29</b>	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
<b>Trichloroethene</b>	<b>530</b>	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	

ERM-West - Walnut Creek  
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Project: UPRR Hookston Station  
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SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-48-47 (SQC0013-01) Water    Sampled: 02/26/07 10:19    Received: 02/28/07 19:00</b>									
1,2,4-Trimethylbenzene	ND	2.5	ug/l	5	7030097	03/09/07	03/10/07	EPA 8260B	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		104 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		102 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		102 %		86-114	"	"	"	"	
<b>CPT-48-52 (SQC0013-02) Water    Sampled: 02/26/07 10:44    Received: 02/28/07 19:00</b>									
Di-isopropyl ether	ND	0.50	ug/l	1	7030097	03/12/07	03/12/07	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	



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SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-48-52 (SQC0013-02) Water Sampled: 02/26/07 10:44 Received: 02/28/07 19:00**

Bromochloromethane	ND	1.0	ug/l	1	7030097	03/12/07	03/12/07	EPA 8260B	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-48-52 (SQC0013-02) Water    Sampled: 02/26/07 10:44    Received: 02/28/07 19:00</b>									
1,1,1,2-Tetrachloroethane	ND	0.50	ug/l	1	7030097	03/12/07	03/12/07	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>Trichloroethene</b>	<b>10</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		107 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		104 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		107 %		86-114	"	"	"	"	
<b>CPT-45-39 (SQC0013-03) Water    Sampled: 02/26/07 13:20    Received: 02/28/07 19:00</b>									
Ethyl tert-butyl ether	ND	2.5	ug/l	5	7030097	03/09/07	03/10/07	EPA 8260B	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
Tert-butyl alcohol	ND	25	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.5	"	"	"	"	"	"	
2-Butanone	ND	10	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	2.5	"	"	"	"	"	"	A-01
2-Hexanone	ND	10	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10	"	"	"	"	"	"	
Acetone	ND	25	"	"	"	"	"	"	
Acetonitrile	ND	50	"	"	"	"	"	"	
Acrolein	ND	25	"	"	"	"	"	"	
Acrylonitrile	ND	10	"	"	"	"	"	"	
Allyl chloride	ND	2.5	"	"	"	"	"	"	
Carbon disulfide	ND	2.5	"	"	"	"	"	"	
Chloroprene	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Freon 113	ND	2.5	"	"	"	"	"	"	
Iodomethane	ND	5.0	"	"	"	"	"	"	

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SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-45-39 (SQC0013-03) Water Sampled: 02/26/07 13:20 Received: 02/28/07 19:00</b>									
Isobutanol	ND	25	ug/l	5	7030097	03/09/07	03/10/07	EPA 8260B	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
Methacrylonitrile	ND	5.0	"	"	"	"	"	"	
Methyl methacrylate	ND	2.5	"	"	"	"	"	"	
o-Xylene	ND	3.5	"	"	"	"	"	"	
Propionitrile	ND	25	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	2.5	"	"	"	"	"	"	
Vinyl acetate	ND	10	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Bromobenzene	ND	2.5	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
<b>Chloroform</b>	<b>5.4</b>	2.5	"	"	"	"	"	"	B
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>4.2</b>	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>61</b>	2.5	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>28</b>	2.5	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>3.4</b>	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
**Reported:**  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-45-39 (SQC0013-03) Water    Sampled: 02/26/07 13:20    Received: 02/28/07 19:00</b>									
2,2-Dichloropropane	ND	2.5	ug/l	5	7030097	03/09/07	03/10/07	EPA 8260B	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
<b>Methylene chloride</b>	<b>26</b>	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
<b>Trichloroethene</b>	<b>1100</b>	2.5	"	"	"	"	"	"	E
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		109 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		105 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		106 %		86-114	"	"	"	"	

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-45-39 (SQC0013-03RE1) Water** Sampled: 02/26/07 13:20 Received: 02/28/07 19:00

<b>Trichloroethene</b>	<b>1200</b>	5.0	ug/l	10	7030097	03/12/07	03/12/07	EPA 8260B	
Surrogate: Dibromofluoromethane		103 %		70-130	"	"	"	"	
Surrogate: 1,2-DCA-d4		105 %		78-128	"	"	"	"	
Surrogate: Toluene-d8		96 %		86-112	"	"	"	"	
Surrogate: 4-BFB		102 %		86-114	"	"	"	"	

**CPT-43-20 (SQC0013-04) Water** Sampled: 02/26/07 14:16 Received: 02/28/07 19:00

Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030097	03/12/07	03/12/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-43-20 (SQC0013-04) Water    Sampled: 02/26/07 14:16    Received: 02/28/07 19:00</b>									
Bromomethane	ND	1.0	ug/l	1	7030097	03/12/07	03/12/07	EPA 8260B	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>7.2</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>45</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>2.1</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-43-20 (SQC0013-04) Water    Sampled: 02/26/07 14:16    Received: 02/28/07 19:00</b>									
Toluene	ND	0.50	ug/l	1	7030097	03/12/07	03/12/07	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>Trichloroethene</b>	<b>95</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
<b>Vinyl chloride</b>	<b>1.1</b>	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		110 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		107 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		105 %		86-114	"	"	"	"	
<b>CPT-48-41 (SQC0013-05) Water    Sampled: 02/27/07 08:45    Received: 02/28/07 19:00</b>									
Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
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Project Number: 0020557.10  
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SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-48-41 (SQC0013-05) Water    Sampled: 02/27/07 08:45    Received: 02/28/07 19:00</b>									
Methyl methacrylate	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>18</b>	0.50	"	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	<b>0.86</b>	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>77</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>74</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>1.8</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	

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Project: UPRR Hookston Station  
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Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-48-41 (SQC0013-05) Water    Sampled: 02/27/07 08:45    Received: 02/28/07 19:00</b>									
Hexachlorobutadiene	ND	1.0	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
<b>Tetrachloroethane</b>	<b>8.8</b>	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
<b>1,1,1-Trichloroethane</b>	<b>0.60</b>	0.50	"	"	"	"	"	"	
<b>1,1,2-Trichloroethane</b>	<b>2.9</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		105 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		101 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		102 %		86-114	"	"	"	"	

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SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-48-41 (SQC0013-05RE1) Water    Sampled: 02/27/07 08:45    Received: 02/28/07 19:00</b>									
<b>Trichloroethene</b>	<b>1900</b>	5.0	ug/l	10	7030097	03/13/07	03/13/07	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		109 %	70-130		"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		110 %	78-128		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99 %	86-112		"	"	"	"	
<i>Surrogate: 4-BFB</i>		102 %	86-114		"	"	"	"	
<b>CPT-34-41 (SQC0013-06) Water    Sampled: 02/26/07 16:28    Received: 02/28/07 19:00</b>									
Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030097	03/12/07	03/12/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
<b>Acetone</b>	<b>5.4</b>	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-34-41 (SQC0013-06) Water    Sampled: 02/26/07 16:28    Received: 02/28/07 19:00</b>									
Bromomethane	ND	1.0	ug/l	1	7030097	03/12/07	03/12/07	EPA 8260B	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>1.2</b>	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>11</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>4.7</b>	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-34-41 (SQC0013-06) Water    Sampled: 02/26/07 16:28    Received: 02/28/07 19:00</b>									
Toluene	ND	0.50	ug/l	1	7030097	03/12/07	03/12/07	EPA 8260B	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>Trichloroethene</b>	<b>67</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		110 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		109 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		100 %		86-114	"	"	"	"	
<b>CPT-42-23 (SQC0013-07) Water    Sampled: 02/27/07 12:50    Received: 02/28/07 19:00</b>									
Di-isopropyl ether	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	

ERM-West - Walnut Creek  
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Project: UPRR Hookston Station  
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SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-42-23 (SQC0013-07) Water    Sampled: 02/27/07 12:50    Received: 02/28/07 19:00</b>									
Methyl methacrylate	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>6.3</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>18</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>0.73</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
**Reported:**  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-42-23 (SQC0013-07) Water    Sampled: 02/27/07 12:50    Received: 02/28/07 19:00</b>									
Hexachlorobutadiene	ND	1.0	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>Trichloroethene</b>	<b>93</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
<b>Vinyl chloride</b>	<b>0.60</b>	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		106 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		103 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		103 %		86-114	"	"	"	"	

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-42-45 (SQC0013-08) Water    Sampled: 02/27/07 13:10    Received: 02/28/07 19:00</b>									
Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
<b>Benzene</b>	<b>0.62</b>	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	B

TestAmerica - Sacramento, CA

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1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-42-45 (SQC0013-08) Water    Sampled: 02/27/07 13:10    Received: 02/28/07 19:00</b>									
Chloromethane	ND	1.0	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>6.8</b>	0.50	"	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	<b>2.1</b>	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>170</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>12</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>1.9</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>1.4</b>	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1,2-Trichloroethane</b>	<b>3.6</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-42-45 (SQC0013-08) Water    Sampled: 02/27/07 13:10    Received: 02/28/07 19:00</b>									
1,3,5-Trimethylbenzene	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		111 %	70-130		"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		101 %	78-128		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %	86-112		"	"	"	"	
<i>Surrogate: 4-BFB</i>		104 %	86-114		"	"	"	"	
<b>CPT-42-45 (SQC0013-08RE1) Water    Sampled: 02/27/07 13:10    Received: 02/28/07 19:00</b>									
<b>Trichloroethene</b>	<b>2000</b>	5.0	ug/l	10	7030097	03/13/07	03/13/07	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		106 %	70-130		"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		105 %	78-128		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99 %	86-112		"	"	"	"	
<i>Surrogate: 4-BFB</i>		103 %	86-114		"	"	"	"	
<b>CPT-44-20 (SQC0013-09) Water    Sampled: 02/27/07 14:15    Received: 02/28/07 19:00</b>									
Di-isopropyl ether	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
**Reported:**  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-44-20 (SQC0013-09) Water    Sampled: 02/27/07 14:15    Received: 02/28/07 19:00</b>									
Propionitrile	ND	5.0	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>4.7</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>57</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>3.6</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-44-20 (SQC0013-09) Water    Sampled: 02/27/07 14:15    Received: 02/28/07 19:00</b>									
p-Isopropyltoluene	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>Trichloroethene</b>	<b>75</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		110 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		106 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		103 %		86-114	"	"	"	"	

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-42-54 (SQC0013-10) Water    Sampled: 02/27/07 13:35    Received: 02/28/07 19:00</b>									
Tert-amyl methyl ether	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-42-54 (SQC0013-10) Water    Sampled: 02/27/07 13:35    Received: 02/28/07 19:00</b>									
Chloromethane	ND	1.0	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>1.7</b>	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>21</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>4.6</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>0.56</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>0.82</b>	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1,2-Trichloroethane</b>	<b>0.73</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-42-54 (SQC0013-10) Water**    **Sampled: 02/27/07 13:35**    **Received: 02/28/07 19:00**

1,3,5-Trimethylbenzene	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		107 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		102 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		105 %		86-114	"	"	"	"	

**CPT-42-54 (SQC0013-10RE1) Water**    **Sampled: 02/27/07 13:35**    **Received: 02/28/07 19:00**

**A-01a**

<b>Trichloroethene</b>	<b>390</b>	2.5	ug/l	5	7030097	03/13/07	03/13/07	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		107 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		104 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		106 %		86-114	"	"	"	"	

**CPT-34-64 (SQC0013-11) Water**    **Sampled: 02/27/07 13:30**    **Received: 02/28/07 19:00**

Tert-amyl methyl ether	ND	0.50	ug/l	1	7030123	03/13/07	03/13/07	EPA 8260B	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	0.50	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-34-64 (SQC0013-11) Water Sampled: 02/27/07 13:30 Received: 02/28/07 19:00</b>									
Propionitrile	ND	5.0	ug/l	1	7030123	03/13/07	03/13/07	EPA 8260B	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-34-64 (SQC0013-11) Water    Sampled: 02/27/07 13:30    Received: 02/28/07 19:00</b>									
p-Isopropyltoluene	ND	0.50	ug/l	1	7030123	03/13/07	03/13/07	EPA 8260B	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		102 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		100 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		108 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		107 %		86-114	"	"	"	"	



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Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-45-20 (SQC0013-12) Water    Sampled: 02/27/07 14:45    Received: 02/28/07 19:00</b>									
Tert-amyl methyl ether	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	A-01
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	1.0	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	

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1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-45-20 (SQC0013-12) Water    Sampled: 02/27/07 14:45    Received: 02/28/07 19:00</b>									
Chloromethane	ND	1.0	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>27</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>1.6</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>Trichloroethene</b>	<b>20</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-45-20 (SQC0013-12) Water    Sampled: 02/27/07 14:45    Received: 02/28/07 19:00</b>									
1,2,4-Trimethylbenzene	ND	0.50	ug/l	1	7030097	03/12/07	03/13/07	EPA 8260B	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		108 %	70-130		"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		104 %	78-128		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %	86-112		"	"	"	"	
<i>Surrogate: 4-BFB</i>		98 %	86-114		"	"	"	"	
<b>CPT-40-39 (SQC0013-13) Water    Sampled: 02/28/07 08:55    Received: 02/28/07 19:00</b>									
2-Butanone	ND	10	ug/l	5	7030122	03/13/07	03/13/07	EPA 8260B	
2-Chloroethylvinyl ether	ND	2.5	"	"	"	"	"	"	
2-Hexanone	ND	10	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10	"	"	"	"	"	"	
Acetone	ND	25	"	"	"	"	"	"	
Acetonitrile	ND	50	"	"	"	"	"	"	
Acrolein	ND	25	"	"	"	"	"	"	
Acrylonitrile	ND	10	"	"	"	"	"	"	
Allyl chloride	ND	2.5	"	"	"	"	"	"	
Carbon disulfide	ND	2.5	"	"	"	"	"	"	
Chloroprene	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Freon 113	ND	2.5	"	"	"	"	"	"	
Iodomethane	ND	2.5	"	"	"	"	"	"	
Isobutanol	ND	25	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
Methacrylonitrile	ND	5.0	"	"	"	"	"	"	
Methyl methacrylate	ND	2.5	"	"	"	"	"	"	
o-Xylene	ND	3.5	"	"	"	"	"	"	
Propionitrile	ND	25	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	2.5	"	"	"	"	"	"	
Vinyl acetate	ND	10	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Bromobenzene	ND	2.5	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.5	"	"	"	"	"	"	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	

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1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-40-39 (SQC0013-13) Water    Sampled: 02/28/07 08:55    Received: 02/28/07 19:00    A-01a</b>									
n-Butylbenzene	ND	2.5	ug/l	5	7030122	03/13/07	03/13/07	EPA 8260B	
sec-Butylbenzene	ND	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Dibromomethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.5	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>3.8</b>	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>93</b>	2.5	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>3.4</b>	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.5	"	"	"	"	"	"	
<b>Methylene chloride</b>	<b>25</b>	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.5	"	"	"	"	"	"	
Styrene	ND	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-40-39 (SQC0013-13) Water    Sampled: 02/28/07 08:55    Received: 02/28/07 19:00</b>									
1,2,3-Trichlorobenzene	ND	5.0	ug/l	5	7030122	03/13/07	03/13/07	EPA 8260B	
1,2,4-Trichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
<b>Trichloroethene</b>	<b>860</b>	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		109 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		105 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		102 %		86-114	"	"	"	"	
<b>CPT-41-34 (SQC0013-14) Water    Sampled: 02/28/07 11:45    Received: 02/28/07 19:00</b>									
Di-isopropyl ether	ND	0.50	ug/l	1	7030123	03/12/07	03/13/07	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	0.50	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-41-34 (SQC0013-14) Water    Sampled: 02/28/07 11:45    Received: 02/28/07 19:00</b>									
o-Xylene	ND	0.70	ug/l	1	7030123	03/12/07	03/13/07	EPA 8260B	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
<b>Benzene</b>	<b>0.57</b>	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
<b>Chloroform</b>	<b>0.60</b>	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>9.3</b>	0.50	"	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	<b>2.5</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>10</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>1.8</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-41-34 (SQC0013-14) Water    Sampled: 02/28/07 11:45    Received: 02/28/07 19:00</b>									
p-Isopropyltoluene	ND	0.50	ug/l	1	7030123	03/12/07	03/13/07	EPA 8260B	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>0.87</b>	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1,2-Trichloroethane</b>	<b>6.2</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		102 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		97 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		102 %		86-114	"	"	"	"	

ERM-West - Walnut Creek  
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Project: UPRR Hookston Station  
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SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-41-34 (SQC0013-14RE1) Water    Sampled: 02/28/07 11:45    Received: 02/28/07 19:00</b>									
<b>1,1-Dichloroethene</b>	<b>250</b>	12	ug/l	25	7030123	03/13/07	03/13/07	EPA 8260B	
<b>Trichloroethene</b>	<b>2900</b>	12	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		96 %	70-130		"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		91 %	78-128		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %	86-112		"	"	"	"	
<i>Surrogate: 4-BFB</i>		100 %	86-114		"	"	"	"	
<b>CPT-41-48 (SQC0013-15) Water    Sampled: 02/28/07 12:00    Received: 02/28/07 19:00</b>									
Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030123	03/12/07	03/13/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
<b>Acetone</b>	<b>7.0</b>	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	
Chloroprene	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	0.50	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	



ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>CPT-41-48 (SQC0013-15) Water    Sampled: 02/28/07 12:00    Received: 02/28/07 19:00</b>									
Bromoform	ND	0.50	ug/l	1	7030123	03/12/07	03/13/07	EPA 8260B	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethane</b>	<b>4.1</b>	0.50	"	"	"	"	"	"	
<b>1,2-Dichloroethane</b>	<b>0.71</b>	0.50	"	"	"	"	"	"	
<b>1,1-Dichloroethene</b>	<b>91</b>	0.50	"	"	"	"	"	"	
<b>cis-1,2-Dichloroethene</b>	<b>4.3</b>	0.50	"	"	"	"	"	"	
<b>trans-1,2-Dichloroethene</b>	<b>0.71</b>	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	

TestAmerica - Sacramento, CA

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**CPT-41-48 (SQC0013-15) Water Sampled: 02/28/07 12:00 Received: 02/28/07 19:00**

<b>Tetrachloroethene</b>	<b>0.73</b>	0.50	ug/l	1	7030123	03/12/07	03/13/07	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
<b>1,1,2-Trichloroethane</b>	<b>2.1</b>	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		102 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		96 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		100 %		86-114	"	"	"	"	

**CPT-41-48 (SQC0013-15RE1) Water Sampled: 02/28/07 12:00 Received: 02/28/07 19:00**

<b>Trichloroethene</b>	<b>1100</b>	5.0	ug/l	10	7030123	03/13/07	03/13/07	EPA 8260B	
<i>Surrogate: Dibromofluoromethane</i>		97 %		70-130	"	"	"	"	
<i>Surrogate: 1,2-DCA-d4</i>		93 %		78-128	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %		86-112	"	"	"	"	
<i>Surrogate: 4-BFB</i>		102 %		86-114	"	"	"	"	

**Trip blank (SQC0013-16) Water Sampled: 02/28/07 00:00 Received: 02/28/07 19:00**

Ethyl tert-butyl ether	ND	0.50	ug/l	1	7030123	03/12/07	03/13/07	EPA 8260B	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	0.50	"	"	"	"	"	"	
2-Butanone	ND	2.0	"	"	"	"	"	"	
2-Chloroethylvinyl ether	ND	0.50	"	"	"	"	"	"	
2-Hexanone	ND	2.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	2.0	"	"	"	"	"	"	
Acetone	ND	5.0	"	"	"	"	"	"	
Acetonitrile	ND	10	"	"	"	"	"	"	
Acrolein	ND	5.0	"	"	"	"	"	"	
Acrylonitrile	ND	2.0	"	"	"	"	"	"	
Allyl chloride	ND	0.50	"	"	"	"	"	"	
Carbon disulfide	ND	0.50	"	"	"	"	"	"	

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Trip blank (SQC0013-16) Water    Sampled: 02/28/07 00:00    Received: 02/28/07 19:00</b>									
Chloroprene	ND	0.50	ug/l	1	7030123	03/12/07	03/13/07	EPA 8260B	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Freon 113	ND	0.50	"	"	"	"	"	"	
Iodomethane	ND	0.50	"	"	"	"	"	"	
Isobutanol	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
Methacrylonitrile	ND	1.0	"	"	"	"	"	"	
Methyl methacrylate	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.70	"	"	"	"	"	"	
Propionitrile	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.50	"	"	"	"	"	"	
Vinyl acetate	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Trip blank (SQC0013-16) Water    Sampled: 02/28/07 00:00    Received: 02/28/07 19:00</b>									
cis-1,2-Dichloroethene	ND	0.50	ug/l	1	7030123	03/12/07	03/13/07	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		<i>101 %</i>		<i>70-130</i>					
<i>Surrogate: 1,2-DCA-d4</i>		<i>94 %</i>		<i>78-128</i>					
<i>Surrogate: Toluene-d8</i>		<i>102 %</i>		<i>86-112</i>					
<i>Surrogate: 4-BFB</i>		<i>102 %</i>		<i>86-114</i>					

ERM-West - Walnut Creek  
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SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030097-BLK1)**

Prepared & Analyzed: 03/09/07

Tert-butyl alcohol	ND	5.0	ug/l							
Tert-amyl methyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
2-Butanone	ND	2.0	"							
2-Chloroethylvinyl ether	ND	0.50	"							A-01
2-Hexanone	ND	2.0	"							
4-Methyl-2-pentanone	ND	2.0	"							
Acetone	ND	5.0	"							
Acetonitrile	ND	10	"							
Acrolein	ND	5.0	"							
Acrylonitrile	ND	2.0	"							
Allyl chloride	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Chloroprene	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Freon 113	ND	0.50	"							
Iodomethane	ND	1.0	"							
Isobutanol	ND	5.0	"							
m,p-Xylene	ND	1.0	"							
Methacrylonitrile	ND	1.0	"							
Methyl methacrylate	ND	0.50	"							
o-Xylene	ND	0.70	"							
Propionitrile	ND	5.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
trans-1,4-Dichloro-2-butene	ND	0.50	"							
Vinyl acetate	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							

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Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
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03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030097-BLK1)**

Prepared & Analyzed: 03/09/07

tert-Butylbenzene	ND	0.50	ug/l							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Dibromomethane	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
1,1-Dichloropropene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							

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1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030097-BLK1)**

Prepared & Analyzed: 03/09/07

Tetrachloroethene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
<i>Surrogate: Dibromofluoromethane</i>	9.97		"	10.0		100	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	10.2		"	10.0		102	78-128			
<i>Surrogate: Toluene-d8</i>	9.88		"	10.0		99	86-112			
<i>Surrogate: 4-BFB</i>	10.1		"	10.0		101	86-114			

**Blank (7030097-BLK2)**

Prepared: 03/09/07 Analyzed: 03/10/07

2-Butanone	ND	2.0	ug/l							
2-Chloroethylvinyl ether	ND	0.50	"							A-01
2-Hexanone	ND	2.0	"							
4-Methyl-2-pentanone	ND	2.0	"							
Acetone	ND	5.0	"							
Acetonitrile	ND	10	"							
Acrolein	ND	5.0	"							
Acrylonitrile	ND	2.0	"							
Allyl chloride	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Chloroprene	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Freon 113	ND	0.50	"							
Iodomethane	ND	1.0	"							
Isobutanol	ND	5.0	"							
m,p-Xylene	ND	1.0	"							
Methacrylonitrile	ND	1.0	"							

ERM-West - Walnut Creek  
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Project: UPRR Hookston Station  
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SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030097-BLK2)**

Prepared: 03/09/07 Analyzed: 03/10/07

Methyl methacrylate	ND	0.50	ug/l							
o-Xylene	ND	0.70	"							
Propionitrile	ND	5.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
trans-1,4-Dichloro-2-butene	ND	0.50	"							
Vinyl acetate	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	1.87	0.50	"							B
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Dibromomethane	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							

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Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030097-BLK2)**

Prepared: 03/09/07 Analyzed: 03/10/07

1,3-Dichloropropane	ND	0.50	ug/l							
2,2-Dichloropropane	ND	0.50	"							
1,1-Dichloropropene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	0.50	"							
Toluene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
<i>Surrogate: Dibromofluoromethane</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>9.87</i>		<i>"</i>	<i>10.0</i>		<i>99</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.85</i>		<i>"</i>	<i>10.0</i>		<i>98</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>86-114</i>			

ERM-West - Walnut Creek  
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Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030097-BLK3)**

Prepared & Analyzed: 03/12/07

Di-isopropyl ether	ND	0.50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Tert-amyl methyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
2-Butanone	ND	2.0	"							
2-Chloroethylvinyl ether	ND	0.50	"							A-01
2-Hexanone	ND	2.0	"							
4-Methyl-2-pentanone	ND	2.0	"							
Acetone	ND	5.0	"							
Acetonitrile	ND	10	"							
Acrolein	ND	5.0	"							
Acrylonitrile	ND	2.0	"							
Allyl chloride	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Chloroprene	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Freon 113	ND	0.50	"							
Iodomethane	ND	1.0	"							
Isobutanol	ND	5.0	"							
m,p-Xylene	ND	1.0	"							
Methacrylonitrile	ND	1.0	"							
Methyl methacrylate	ND	0.50	"							
o-Xylene	ND	0.70	"							
Propionitrile	ND	5.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
trans-1,4-Dichloro-2-butene	ND	0.50	"							
Vinyl acetate	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030097-BLK3)**

Prepared & Analyzed: 03/12/07

Carbon tetrachloride	ND	0.50	ug/l							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	1.53	0.50	"							B
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Dibromomethane	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
1,1-Dichloropropene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	0.50	"							

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Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
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03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030097-BLK3)**

Prepared & Analyzed: 03/12/07

Toluene	ND	0.50	ug/l							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
<i>Surrogate: Dibromofluoromethane</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.95</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>86-114</i>			

**Blank (7030097-BLK4)**

Prepared & Analyzed: 03/13/07

2-Butanone	ND	2.0	ug/l							
2-Chloroethylvinyl ether	ND	0.50	"							A-01
2-Hexanone	ND	2.0	"							
4-Methyl-2-pentanone	ND	2.0	"							
Acetone	ND	5.0	"							
Acetonitrile	ND	10	"							
Acrolein	ND	5.0	"							
Acrylonitrile	ND	2.0	"							
Allyl chloride	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Chloroprene	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Freon 113	ND	0.50	"							
Iodomethane	ND	1.0	"							
Isobutanol	ND	5.0	"							
m,p-Xylene	ND	1.0	"							
Methacrylonitrile	ND	1.0	"							
Methyl methacrylate	ND	0.50	"							

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**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030097-BLK4)**

Prepared & Analyzed: 03/13/07

o-Xylene	ND	0.70	ug/l							
Propionitrile	ND	5.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
trans-1,4-Dichloro-2-butene	ND	0.50	"							
Vinyl acetate	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Dibromomethane	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							

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Walnut Creek CA, 94596

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03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030097-BLK4)**

Prepared & Analyzed: 03/13/07

2,2-Dichloropropane	ND	0.50	ug/l							
1,1-Dichloropropene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	0.50	"							
Toluene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
<i>Surrogate: Dibromofluoromethane</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>9.77</i>		<i>"</i>	<i>10.0</i>		<i>98</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.87</i>		<i>"</i>	<i>10.0</i>		<i>99</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>86-114</i>			

ERM-West - Walnut Creek  
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SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

**Laboratory Control Sample (7030097-BS1)**

Prepared & Analyzed: 03/09/07

Benzene	21.5	0.50	ug/l	20.0		108	87-113			
Chlorobenzene	19.8	0.50	"	20.0		99	70-130			
1,1-Dichloroethene	23.0	0.50	"	20.0		115	70-130			
Methyl tert-butyl ether	19.5	0.50	"	20.0		98	71-122			
Toluene	21.3	0.50	"	20.0		106	86-114			
Trichloroethene	21.9	0.50	"	20.0		110	70-130			
<i>Surrogate: Dibromofluoromethane</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>86-114</i>			

**Laboratory Control Sample (7030097-BS2)**

Prepared & Analyzed: 03/12/07

Benzene	20.4	0.50	ug/l	20.0		102	87-113			
Chlorobenzene	19.7	0.50	"	20.0		98	70-130			
1,1-Dichloroethene	21.6	0.50	"	20.0		108	70-130			
Methyl tert-butyl ether	19.1	0.50	"	20.0		96	71-122			
Toluene	21.2	0.50	"	20.0		106	86-114			
Trichloroethene	20.9	0.50	"	20.0		104	70-130			
<i>Surrogate: Dibromofluoromethane</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>9.86</i>		<i>"</i>	<i>10.0</i>		<i>99</i>	<i>86-114</i>			

**Laboratory Control Sample (7030097-BS3)**

Prepared & Analyzed: 03/13/07

Benzene	22.6	0.50	ug/l	20.0		113	87-113			
Chlorobenzene	19.2	0.50	"	20.0		96	70-130			
1,1-Dichloroethene	23.8	0.50	"	20.0		119	70-130			
Methyl tert-butyl ether	19.5	0.50	"	20.0		98	71-122			
Toluene	22.3	0.50	"	20.0		112	86-114			
Trichloroethene	21.4	0.50	"	20.0		107	70-130			
<i>Surrogate: Dibromofluoromethane</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>86-114</i>			

ERM-West - Walnut Creek  
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SQC0013  
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03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030097 - EPA 5030B [P/T] / EPA 8260B**

<b>Matrix Spike (7030097-MS1)</b>	<b>Source: SQB0534-02</b>			<b>Prepared &amp; Analyzed: 03/12/07</b>						
Benzene	24.2	0.50	ug/l	20.0	ND	121	87-113			M7
Chlorobenzene	20.8	0.50	"	20.0	ND	104	70-130			
1,1-Dichloroethene	25.8	0.50	"	20.0	ND	129	70-130			
Methyl tert-butyl ether	20.8	0.50	"	20.0	ND	104	71-122			
Toluene	22.8	0.50	"	20.0	ND	114	86-114			
Trichloroethene	23.7	0.50	"	20.0	ND	118	70-130			
<i>Surrogate: Dibromofluoromethane</i>	<i>11.0</i>		<i>"</i>	<i>10.0</i>		<i>110</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>86-114</i>			

<b>Matrix Spike Dup (7030097-MSD1)</b>	<b>Source: SQB0534-02</b>			<b>Prepared &amp; Analyzed: 03/12/07</b>						
Benzene	23.5	0.50	ug/l	20.0	ND	118	87-113	3	25	M7
Chlorobenzene	20.4	0.50	"	20.0	ND	102	70-130	2	25	
1,1-Dichloroethene	25.3	0.50	"	20.0	ND	126	70-130	2	25	
Methyl tert-butyl ether	20.4	0.50	"	20.0	ND	102	71-122	2	25	
Toluene	21.9	0.50	"	20.0	ND	110	86-114	4	25	
Trichloroethene	22.2	0.50	"	20.0	ND	111	70-130	7	25	
<i>Surrogate: Dibromofluoromethane</i>	<i>11.0</i>		<i>"</i>	<i>10.0</i>		<i>110</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>86-114</i>			

**Batch 7030122 - EPA 5030B [P/T] / EPA 8260B**

<b>Blank (7030122-BLK3)</b>	<b>Prepared: 03/13/07 Analyzed: 03/16/07</b>									
2-Butanone	ND	2.0	ug/l							
2-Chloroethylvinyl ether	ND	0.50	"							
2-Hexanone	ND	2.0	"							
4-Methyl-2-pentanone	ND	2.0	"							
Acetone	ND	5.0	"							
Acetonitrile	ND	10	"							
Acrolein	ND	5.0	"							
Acrylonitrile	ND	2.0	"							
Allyl chloride	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Chloroprene	ND	0.50	"							



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03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030122 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030122-BLK3)**

Prepared: 03/13/07 Analyzed: 03/16/07

cis-1,3-Dichloropropene	ND	0.50	ug/l							
Freon 113	ND	0.50	"							
Iodomethane	ND	0.50	"							
Isobutanol	ND	5.0	"							
m,p-Xylene	ND	1.0	"							
Methacrylonitrile	ND	1.0	"							
Methyl methacrylate	ND	0.50	"							
o-Xylene	ND	0.70	"							
Propionitrile	ND	5.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
trans-1,4-Dichloro-2-butene	ND	0.50	"							
Vinyl acetate	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	0.510	0.50	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Dibromomethane	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030122 - EPA 5030B [P/T] / EPA 8260B**

Blank (7030122-BLK3)

Prepared: 03/13/07 Analyzed: 03/16/07

1,1-Dichloroethane	ND	0.50	ug/l							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
1,1-Dichloropropene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	0.50	"							
Toluene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Surrogate: Dibromofluoromethane	9.80		"	10.0		98	70-130			
Surrogate: 1,2-DCA-d4	9.21		"	10.0		92	78-128			

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ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030122 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030122-BLK3)**

Prepared: 03/13/07 Analyzed: 03/16/07

Surrogate: Toluene-d8	9.88		ug/l	10.0		99	86-112			
Surrogate: 4-BFB	10.2		"	10.0		102	86-114			

**Laboratory Control Sample (7030122-BS3)**

Prepared: 03/13/07 Analyzed: 03/16/07

Benzene	20.5	0.50	ug/l	20.0		102	87-113			
Chlorobenzene	21.4	0.50	"	20.0		107	70-130			
1,1-Dichloroethene	20.2	0.50	"	20.0		101	70-130			
Methyl tert-butyl ether	20.2	0.50	"	20.0		101	71-122			
Toluene	21.0	0.50	"	20.0		105	86-114			
Trichloroethene	20.8	0.50	"	20.0		104	70-130			
Surrogate: Dibromofluoromethane	9.39		"	10.0		94	70-130			
Surrogate: 1,2-DCA-d4	9.25		"	10.0		92	78-128			
Surrogate: Toluene-d8	9.74		"	10.0		97	86-112			
Surrogate: 4-BFB	9.55		"	10.0		96	86-114			

**Laboratory Control Sample Dup (7030122-BSD3)**

Prepared: 03/13/07 Analyzed: 03/17/07

Benzene	21.4	0.50	ug/l	20.0		107	87-113	4	25	
Chlorobenzene	20.8	0.50	"	20.0		104	70-130	3	25	
1,1-Dichloroethene	19.7	0.50	"	20.0		98	70-130	3	25	
Methyl tert-butyl ether	20.9	0.50	"	20.0		104	71-122	3	25	
Toluene	21.4	0.50	"	20.0		107	86-114	2	25	
Trichloroethene	21.0	0.50	"	20.0		105	70-130	1	25	
Surrogate: Dibromofluoromethane	9.64		"	10.0		96	70-130			
Surrogate: 1,2-DCA-d4	8.95		"	10.0		90	78-128			
Surrogate: Toluene-d8	9.90		"	10.0		99	86-112			
Surrogate: 4-BFB	9.42		"	10.0		94	86-114			

ERM-West - Walnut Creek  
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Project: UPRR Hookston Station  
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Project Manager: Brian Bjorklund

SQC0013  
Reported:  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030123 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030123-BLK1)**

Prepared & Analyzed: 03/12/07

Ethyl tert-butyl ether	ND	0.50	ug/l							
Di-isopropyl ether	ND	0.50	"							
Tert-amyl methyl ether	ND	0.50	"							
Tert-butyl alcohol	ND	5.0	"							
2-Butanone	ND	2.0	"							
2-Chloroethylvinyl ether	ND	0.50	"							
2-Hexanone	ND	2.0	"							
4-Methyl-2-pentanone	ND	2.0	"							
Acetone	ND	5.0	"							
Acetonitrile	ND	10	"							
Acrolein	ND	5.0	"							
Acrylonitrile	ND	2.0	"							
Allyl chloride	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Chloroprene	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Freon 113	ND	0.50	"							
Iodomethane	ND	0.50	"							
Isobutanol	ND	5.0	"							
m,p-Xylene	ND	1.0	"							
Methacrylonitrile	ND	1.0	"							
Methyl methacrylate	ND	0.50	"							
o-Xylene	ND	0.70	"							
Propionitrile	ND	5.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
trans-1,4-Dichloro-2-butene	ND	0.50	"							
Vinyl acetate	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							

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1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
**Reported:**  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030123 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030123-BLK1)**

Prepared & Analyzed: 03/12/07

Carbon tetrachloride	ND	0.50	ug/l							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Dibromomethane	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
1,1-Dichloropropene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	0.50	"							

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Walnut Creek CA, 94596

Project: UPRR Hookston Station  
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Project Manager: Brian Bjorklund

SQC0013  
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03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030123 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030123-BLK1)**

Prepared & Analyzed: 03/12/07

Toluene	ND	1.0	ug/l							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
<i>Surrogate: Dibromofluoromethane</i>	23.4		"	25.0		94	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	22.5		"	25.0		90	78-128			
<i>Surrogate: Toluene-d8</i>	25.9		"	25.0		104	86-112			
<i>Surrogate: 4-BFB</i>	24.6		"	25.0		98	86-114			

**Blank (7030123-BLK2)**

Prepared & Analyzed: 03/13/07

Di-isopropyl ether	ND	0.50	ug/l							
Ethyl tert-butyl ether	ND	0.50	"							
Tert-amyl methyl ether	ND	0.50	"							
Tert-butyl alcohol	ND	5.0	"							
2-Butanone	ND	2.0	"							
2-Chloroethylvinyl ether	ND	0.50	"							
2-Hexanone	ND	2.0	"							
4-Methyl-2-pentanone	ND	2.0	"							
Acetone	ND	5.0	"							
Acetonitrile	ND	10	"							
Acrolein	ND	5.0	"							
Acrylonitrile	ND	2.0	"							
Allyl chloride	ND	0.50	"							
Carbon disulfide	ND	0.50	"							
Chloroprene	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
Freon 113	ND	0.50	"							
Iodomethane	ND	0.50	"							

TestAmerica - Sacramento, CA

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1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
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Project Manager: Brian Bjorklund

SQC0013  
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03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030123 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030123-BLK2)**

Prepared & Analyzed: 03/13/07

Isobutanol	ND	5.0	ug/l							
m,p-Xylene	ND	1.0	"							
Methacrylonitrile	ND	1.0	"							
Methyl methacrylate	ND	0.50	"							
o-Xylene	ND	0.70	"							
Propionitrile	ND	5.0	"							
trans-1,3-Dichloropropene	ND	0.50	"							
trans-1,4-Dichloro-2-butene	ND	0.50	"							
Vinyl acetate	ND	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	0.620	0.50	"							B
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Dibromochloromethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Dibromomethane	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							

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Project: UPRR Hookston Station  
Project Number: 0020557.10  
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03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030123 - EPA 5030B [P/T] / EPA 8260B**

**Blank (7030123-BLK2)**

Prepared & Analyzed: 03/13/07

cis-1,2-Dichloroethene	ND	0.50	ug/l							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
1,1-Dichloropropene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	0.50	"							
p-Isopropyltoluene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	0.50	"							
Toluene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
Vinyl chloride	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
<i>Surrogate: Dibromofluoromethane</i>	24.0		"	25.0		96	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	22.2		"	25.0		89	78-128			
<i>Surrogate: Toluene-d8</i>	25.8		"	25.0		103	86-112			
<i>Surrogate: 4-BFB</i>	25.0		"	25.0		100	86-114			



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**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030123 - EPA 5030B [P/T] / EPA 8260B**

**Laboratory Control Sample (7030123-BS1)**

Prepared & Analyzed: 03/12/07

Benzene	18.1	0.50	ug/l	20.0		90	87-113			
Chlorobenzene	19.2	0.50	"	20.0		96	70-130			
1,1-Dichloroethene	24.2	0.50	"	20.0		121	70-130			
Methyl tert-butyl ether	16.4	0.50	"	20.0		82	71-122			
Toluene	20.9	1.0	"	20.0		104	86-114			
Trichloroethene	19.4	0.50	"	20.0		97	70-130			
<i>Surrogate: Dibromofluoromethane</i>	<i>24.1</i>		<i>"</i>	<i>25.0</i>		<i>96</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>23.7</i>		<i>"</i>	<i>25.0</i>		<i>95</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>25.0</i>		<i>"</i>	<i>25.0</i>		<i>100</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>23.8</i>		<i>"</i>	<i>25.0</i>		<i>95</i>	<i>86-114</i>			

**Laboratory Control Sample (7030123-BS2)**

Prepared & Analyzed: 03/13/07

Benzene	20.2	0.50	ug/l	20.0		101	87-113			
Chlorobenzene	20.4	0.50	"	20.0		102	70-130			
1,1-Dichloroethene	24.3	0.50	"	20.0		122	70-130			
Methyl tert-butyl ether	18.8	0.50	"	20.0		94	71-122			
Toluene	22.0	1.0	"	20.0		110	86-114			
Trichloroethene	21.8	0.50	"	20.0		109	70-130			
<i>Surrogate: Dibromofluoromethane</i>	<i>24.0</i>		<i>"</i>	<i>25.0</i>		<i>96</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>24.1</i>		<i>"</i>	<i>25.0</i>		<i>96</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>24.8</i>		<i>"</i>	<i>25.0</i>		<i>99</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>24.1</i>		<i>"</i>	<i>25.0</i>		<i>96</i>	<i>86-114</i>			

**Laboratory Control Sample Dup (7030123-BSD1)**

Prepared: 03/12/07 Analyzed: 03/13/07

Benzene	19.3	0.50	ug/l	20.0		96	87-113	6	25	
Chlorobenzene	19.2	0.50	"	20.0		96	70-130	0	25	
1,1-Dichloroethene	21.5	0.50	"	20.0		108	70-130	12	25	
Methyl tert-butyl ether	18.3	0.50	"	20.0		92	71-122	11	25	
Toluene	20.4	1.0	"	20.0		102	86-114	2	25	
Trichloroethene	20.7	0.50	"	20.0		104	70-130	6	25	
<i>Surrogate: Dibromofluoromethane</i>	<i>25.5</i>		<i>"</i>	<i>25.0</i>		<i>102</i>	<i>70-130</i>			
<i>Surrogate: 1,2-DCA-d4</i>	<i>25.6</i>		<i>"</i>	<i>25.0</i>		<i>102</i>	<i>78-128</i>			
<i>Surrogate: Toluene-d8</i>	<i>24.6</i>		<i>"</i>	<i>25.0</i>		<i>98</i>	<i>86-112</i>			
<i>Surrogate: 4-BFB</i>	<i>24.5</i>		<i>"</i>	<i>25.0</i>		<i>98</i>	<i>86-114</i>			

ERM-West - Walnut Creek  
1777 Botelho Drive, Suite 260  
Walnut Creek CA, 94596

Project: UPRR Hookston Station  
Project Number: 0020557.10  
Project Manager: Brian Bjorklund

SQC0013  
**Reported:**  
03/22/07 15:33

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**TestAmerica - Sacramento, CA**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7030123 - EPA 5030B [P/T] / EPA 8260B**

**Laboratory Control Sample Dup (7030123-BSD2)**

Prepared: 03/13/07 Analyzed: 03/14/07

Benzene	20.5	0.50	ug/l	20.0	102	87-113	1	25		
Chlorobenzene	20.7	0.50	"	20.0	104	70-130	1	25		
1,1-Dichloroethene	21.0	0.50	"	20.0	105	70-130	15	25		
Methyl tert-butyl ether	19.8	0.50	"	20.0	99	71-122	5	25		
Toluene	23.0	1.0	"	20.0	115	86-114	4	25		L1
Trichloroethene	21.9	0.50	"	20.0	110	70-130	0.5	25		
<i>Surrogate: Dibromofluoromethane</i>	26.8		"	25.0	107	70-130				
<i>Surrogate: 1,2-DCA-d4</i>	25.9		"	25.0	104	78-128				
<i>Surrogate: Toluene-d8</i>	26.4		"	25.0	106	86-112				
<i>Surrogate: 4-BFB</i>	26.4		"	25.0	106	86-114				

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SQC0013  
**Reported:**  
03/22/07 15:33

**Notes and Definitions**

- M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- L1 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
- E Concentration exceeds the calibration range and therefore result is semi-quantitative.
- B Analyte was detected in the associated Method Blank.
- A-01a Vinyl chloride, a calibration check compound (CCC), was outside the 20%D method acceptance criteria.
- A-01 2CEVE Degrades in HCL
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

# Environmental Resources Management

## CHAIN OF CUSTODY RECORD

NO: 4094

Page 1 of 2

SAC00013

1777 Botelho Drive, Suite 260 • Walnut Creek, CA • 94596 • (925) 946-0455 • FAX (925) 946-9968

PROJECT #	PROJECT NAME	# OF CONTAINERS		MATRIX	REQUESTED PARAMETERS					
0020557.2a	Hookston Station	3	3	WATER	<p style="text-align: center;"><i>Party</i></p> <p style="text-align: right;">VOCs-8260</p>					
SAMPLER: (PRINT NAME)		CONTAINERS		GAS						
Chimi Yip/bog/boz		3		SOIL						
(SIGNATURE)		3								
Chimi Yip/bog/boz		3								
RECEIVING LABORATORY		3								
Test America		3								
SAMPLE I.D.	DATE	TIME	GRAB	SAMPLING METHOD		PRESERVE	RECEIVED BY	DATE	TIME	FIELD REMARKS
CPT-48-47	2-26-07	1019	X	Injection punch method		Hcl	Y	40ml	4/26/07 1425	Standard TAT Direct Bill Union Pacific Railroad, Mike Grant Project Manager Temp over Receipt 3.2c
CPT-48-52	1044		X			Hcl	Y	40ml	2/28/07 1700	
CPT-45-39	1320		X		Hcl	Y	40ml			
CPT-43-20	1416		X		Hcl	Y	40ml			
CPT-48-41	2/27/07 0815		X		Hcl	Y	40ml			
CPT-34-41	2/26/07 1628		X		Hcl	Y	40ml			
CPT-42-23	2/27/07 1250		X		Hcl	Y	40ml			
CPT-42-45	1310		X		Hcl	Y	40ml			
CPT-44-20	2/27/07 1415		X		Hcl	Y	40ml			
CPT-42-54	2/27/07 1335		X		Hcl	Y	40ml			
RELINQUISHED BY, (SIGNATURE)										
<i>Bob [Signature]</i>										
RELINQUISHED BY, (SIGNATURE)										
<i>Josh Yowell [Signature]</i>										
RELINQUISHED BY, (SIGNATURE)										
<i>Josh Yowell [Signature]</i>										
REMARKS ON SAMPLE RECEIPT	ERM REMARKS									
<input type="checkbox"/> BOTTLE INTACT <input type="checkbox"/> PRESERVED	<input type="checkbox"/> CUSTODY SEALS <input type="checkbox"/> SEALS INTACT									
<input type="checkbox"/> CHILLED <input type="checkbox"/> SEE REMARKS	SEND REPORT TO: Brian. Bjorklund@ermm.com									

PROJECT #	PROJECT NAME	# OF CONTAINERS		MATRIX	REQUESTED PARAMETERS			
0020557.02	HOOKESTON STATION			SOIL				
SAMPLER: (PRINT NAME) (SIGNATURE)				WATER				
KLAUDIA TOPOROWSKA <i>Doris Moberg</i>				GAS				
RECEIVING LABORATORY								
TEST AMERICA								
SAMPLE ID.	DATE	TIME	QTY	SAMPLING METHOD	RECEIVED BY	DATE	TIME	FIELD REMARKS
CPT-34-64	2/27/07	1330	X	Hydroperoxide boiler	Joh. Yarnell PA	2/28/07	1425	Standard TAT Temp upon Receipt 3.2c
CPT-45-20	2/27/07	1445	X	HCL	Joh. Yarnell PA	2/28/07	1425	
CPT-46-39	2/28/07	0855	X	HCL	Joh. Yarnell PA	2/28/07	1900	
CPT-41-34	↓	1145	X	HCL	Joh. Yarnell PA	2/28/07	1900	
CPT-41-48	↓	1200	X	HCL	Joh. Yarnell PA	2/28/07	1900	
REINQUISHED BY (SIGNATURE)		DATE	TIME	RECEIVED BY		DATE	TIME	
<i>Doris Moberg</i>		2/28/07	1425	Joh. Yarnell PA		2/28/07	1425	
REINQUISHED BY (SIGNATURE)		DATE	TIME	RECEIVED BY		DATE	TIME	
<i>Joh. Yarnell PA</i>		2/28/07	1700	Joh. Yarnell PA		2/28/07	1900	
REINQUISHED BY (SIGNATURE)		DATE	TIME	RECEIVED BY		DATE	TIME	
<i>Joh. Yarnell PA</i>								
REMARKS ON SAMPLE RECEIPT				ERM REMARKS				
<input type="checkbox"/> BOTTLE INTACT <input type="checkbox"/> CUSTODY SEALS <input type="checkbox"/> CHILLED <input type="checkbox"/> PRESERVED <input type="checkbox"/> SEALS INTACT <input type="checkbox"/> SEE REMARKS								
SEND REPORT TO:								
Brian. Bjorklund@erm.com								

**PROBLEM CHAIN-OF-CUSTODY**

DATE/TIME 3/2/07 1323

DATE RECEIVED 2/28/07

CLIENT ERM-West

TURN AROUND TIME 10 days

CLIENT SERVICES REP J. Malin

ANALYST \_\_\_\_\_

**PROBLEM** Sample ID Date Time

3 ROA Vials labeled for Trip Blank 2/26/07 -  
was not on the COC.

~~QAM  
3/02/07~~

**RESOLUTION**

Client Instruction\* Called Kim Lake, about Trip Blank received but  
not on COC. She said please add to COC + run!

Telephone Number of Client: (925) 946 - 0455

Client Contact for Instruction: Kim Lake

Date and Time of Instruction: 3/2/07 12:15pm

Date & Time Form Given to Sample Control: 3/2/07 12:20pm

CLIENT SERVICES REP. SIGNATURE: [Signature]

DATE/TIME: 3/2/07 12:20p

\*If client does not return call within 24 hours, please route this form to the Laboratory Director.

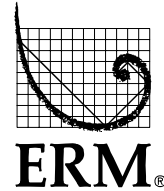
# Memorandum

**Environmental  
Resources  
Management**

**To:** Chimi Yi  
**From:** Jackie Luta  
**Date:** 01 May 2007  
**Subject:** Data Review of UPRR Hookston Station Samples  
Collected 22-28 February 2007  
**Project Number:** 0020557.22  
**Data Package:** Test America Data Packages SQB0485 and SQC0013

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1777 Botelho Drive  
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(925) 946-0455  
(925) 946-9968 (fax)



The quality of the data was assessed and any necessary qualifiers were applied following the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review*, October 1999.

## ***HOLDING TIME AND PRESERVATION EVALUATION***

The sample shipments were received at the laboratory within the method prescribed temperature preservation requirements. The samples were prepared and analyzed within the method prescribed time period from the date of collection. None of the data required qualification based on holding time or temperature exceedances.

## ***BLANK EVALUATION***

A small number of method blanks had detections of methylene chloride and chloroform. Associated sample data were qualified according to the appropriate 5x rule as shown in Table 1.

## ***BLANK SPIKE EVALUATION***

The laboratory control sample (LCS) percent recoveries (%R) were within the laboratory's limits of acceptance with two exceptions. In both cases, one LCS was in control while its duplicate was not; thus, no data required qualification. The LCS outliers are presented in Table 2.

### ***MATRIX SPIKE EVALUATION***

The matrix spike (MS)/matrix spike duplicate (MSD) recoveries were within the laboratory's limits of acceptance with one exception. However, the sample used for the MS/MSD was not a project sample, and it may not be indicative of the project sample matrix. Therefore, no data required qualification. The MS/MSD recoveries that did not meet control limits are presented in Table 2.

### ***SURROGATE SPIKE EVALUATION***

The surrogate recoveries were within acceptable limits. No qualifications to the data were made. The surrogate recoveries indicate minimal matrix interference in the samples.

### ***OVERALL ASSESSMENT***

No data required rejection. All of the data, including qualified data, can be used for decision-making purposes; however, the limitations indicated by the applied qualifiers should be considered when using the data. The quality of the data generated during this investigation is acceptable for the preparation of technically defensible documents.



**Table 1**  
**Blank and Associated Suspect Sample Detections**  
**Pilot Study**  
**UPRR Hookston Station**  
**Pleasant Hill, California**

Lab Package	Blank Sample ID	Associated Sample	Detected Compound	Reported Concentration	Report Limit	Units	ERM Qualifier
SQB0485	MB (03/08)	NA	Methylene chloride	10.2	5.0	µg/L	--
SQB0485	MB (03/09)	NA	Chloroform	1.6	0.5	µg/L	--
SQC0013	MB (03/10)	See below	Chloroform	1.87	0.5	µg/L	--
SQC0013	MB (03/12)	NA	Chloroform	1.53	0.5	µg/L	--
SQC0013	MB 1 (03/13)	See below	Chloroform	0.51	0.5	µg/L	--
SQC0013	MB 2 (03/13)	NA	Chloroform	0.62	0.5	µg/L	--
SQC0013	MB (03/10)	CPT-48-47	Chloroform	2.6	2.5	µg/L	2.6 U
SQC0013	MB (03/10)	CPT-45-39	Chloroform	5.4	2.5	µg/L	5.4 U
SQC0013	MB 1 (03/13)	CPT-41-34	Chloroform	0.6	0.5	µg/L	0.6 U

**Key:**

MB = Method blank

U = Detected sample result qualified as nondetected

µg/L = Micrograms per liter

NA = Not applicable

**Table 2**  
**Spike Recoveries Outside of Acceptable Limits**  
**Pilot Study**  
**UPRR Hookston Station**  
**Pleasant Hill, California**

Laboratory Package	Spike Sample ID	Associated Sample	Compound	Recovery (%)	Limit (%)	RPD	RPD Limit	Result	ERM Qualifier
<b>LCS/LCSD</b>									
SQB0485	LCS/LCSD (03/08)	NA	Benzene	115/108	87-113	0.9	25	--	--
SQC0013	LCS/LCSD (03/13)	NA	Toluene	102/115	86-114	4	25	--	--
<b>MS/MSD</b>									
SQC0013	Batch MS/MSD	NA	Benzene	121/118	87-113	3	25	--	--

**Key:**

LCS/LCSD = Laboratory control sample/laboratory control sample duplicate

MS/MSD = Matrix Spike/matrix spike duplicate

Batch MS/MSD = The MS/MSD was not a project sample and may not be indicative of the project samples' matrix

RPD = Relative percent difference

NA = Not applicable