TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:14

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0511976-31	**COC Number:** ---		**Receive Date:** 12/06/05 16:50		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/06/05 12:50		Global ID:
	Sampling Location: CB-4		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-4@71.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Kelly Keller of TRCI				Cooler ID:
0511976-32	**COC Number:** ---		**Receive Date:** 12/06/05 16:50		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/06/05 13:40		Global ID:
	Sampling Location: CB-4		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-4@76.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Kelly Keller of TRCI				Cooler ID:
0511976-33	**COC Number:** ---		**Receive Date:** 12/06/05 16:50		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/06/05 13:45		Global ID:
	Sampling Location: CB-4		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-4@81.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Kelly Keller of TRCI				Cooler ID:
0511976-34	**COC Number:** ---		**Receive Date:** 12/06/05 16:50		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/06/05 13:55		Global ID:
	Sampling Location: CB-4		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-4@86.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Kelly Keller of TRCI				Cooler ID:
0511976-35	**COC Number:** ---		**Receive Date:** 12/06/05 16:50		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/06/05 14:00		Global ID:
	Sampling Location: CB-4		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-4@91.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Kelly Keller of TRCI				Cooler ID:

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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0511976-36	**COC Number:**	---	**Receive Date:**	12/06/05 16:50	Delivery Work Order (LabW:
	Project Number:	0353	**Sampling Date:**	12/06/05 14:05	Global ID:
	Sampling Location:	CB-4	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	CB-4@95.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Kelly Keller of TRCI			Cooler ID:
0511976-37	**COC Number:**	---	**Receive Date:**	12/06/05 16:50	Delivery Work Order (LabW:
	Project Number:	0353	**Sampling Date:**	12/06/05 14:10	Global ID:
	Sampling Location:	CB-4	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	CB-4@100.5	**Sample Matrix:**	Solids	Samle QC Type (SACode): CS
	Sampled By:	Kelly Keller of TRCI			Cooler ID:

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-01 | **Client Sample Name:** 0353, CB-3, CB-3@20.5, 12/6/2005 7:45:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0046	0.00068	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	0.91	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0046	0.0011	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	0.91	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0046	0.00077	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	0.91	BOL0247	ND	
Toluene	ND	mg/kg	0.0046	0.0012	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	0.91	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.0091	0.0046	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	0.91	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00091	0.00024	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	0.91	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.18	0.027	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	0.91	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0046	0.00047	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	0.91	BOL0247	ND	
Ethanol	ND	mg/kg	0.91	0.31	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	0.91	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00091	0.00015	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	0.91	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.18	0.15	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	0.91	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121	(LCL - UCL)	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	97.1	%	81 - 117	(LCL - UCL)	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	98.1	%	74 - 121	(LCL - UCL)	EPA-8260	12/06/05	12/09/05 14:24	car	MS-V3	1	BOL0247		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-02 | **Client Sample Name:** 0353, CB-3, CB-3@25.5, 12/6/2005 7:50:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0098	0.0015	EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0098	0.0024	EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0098	0.0017	EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247	ND	
Toluene	ND	mg/kg	0.0098	0.0026	EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.020	0.0098	EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0020	0.00051	EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.39	0.059	EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0098	0.0010	EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247	ND	
Ethanol	ND	mg/kg	2.0	0.67	EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0020	0.00033	EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.39	0.32	EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247		
4-Bromofluorobenzene (Surrogate)	92.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 14:50	car	MS-V3	1.97	BOL0247		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-03 | **Client Sample Name:** 0353, CB-3, CB-3@30.5, 12/6/2005 7:55:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0054	0.00080	EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0054	0.0013	EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0054	0.00091	EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247	ND	
Toluene	ND	mg/kg	0.0054	0.0014	EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.011	0.0054	EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0011	0.00028	EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.21	0.032	EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0054	0.00056	EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247	ND	
Ethanol	ND	mg/kg	1.1	0.36	EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0011	0.00018	EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.21	0.17	EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247		
Toluene-d8 (Surrogate)	98.5	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247		
4-Bromofluorobenzene (Surrogate)	95.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 15:16	car	MS-V3	1.07	BOL0247		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-04 | **Client Sample Name:** 0353, CB-3, CB-3@35.5, 12/6/2005 8:20:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00062	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	0.83	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	0.83	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00071	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	0.83	BOL0247	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	0.83	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.0083	0.0042	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	0.83	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00083	0.00022	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	0.83	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.025	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	0.83	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00043	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	0.83	BOL0247	ND	
Ethanol	ND	mg/kg	0.83	0.28	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	0.83	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00083	0.00014	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	0.83	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.17	0.13	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	0.83	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121	(LCL - UCL)	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	101	%	81 - 117	(LCL - UCL)	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	98.7	%	74 - 121	(LCL - UCL)	EPA-8260	12/06/05	12/09/05 15:43	car	MS-V3	1	BOL0247		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-05 | **Client Sample Name:** 0353, CB-3, CB-3@41.0, 12/6/2005 8:30:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0045	0.00067	EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	0.89	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0045	0.0011	EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	0.89	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0045	0.00076	EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	0.89	BOL0247	ND	
Toluene	ND	mg/kg	0.0045	0.0012	EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	0.89	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.0089	0.0045	EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	0.89	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00089	0.00023	EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	0.89	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.18	0.027	EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	0.89	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0045	0.00046	EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	0.89	BOL0247	ND	
Ethanol	ND	mg/kg	0.89	0.30	EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	0.89	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00089	0.00015	EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	0.89	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	0.19	mg/kg	0.18	0.14	EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	0.89	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	96.4	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	96.8	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 16:09	car	MS-V3	1	BOL0247		

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Project Manager: John Nordenstam

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-06 | **Client Sample Name:** 0353, CB-3, CB-3@46.0, 12/6/2005 8:35:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0040	0.00061	EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	0.81	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0040	0.00097	EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	0.81	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0040	0.00069	EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	0.81	BOL0247	ND	
Toluene	ND	mg/kg	0.0040	0.0011	EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	0.81	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.0081	0.0040	EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	0.81	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00081	0.00021	EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	0.81	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	0.81	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0040	0.00042	EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	0.81	BOL0247	ND	
Ethanol	ND	mg/kg	0.81	0.28	EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	0.81	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00081	0.00014	EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	0.81	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.16	0.13	EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	0.81	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	93.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 16:35	car	MS-V3	1	BOL0247		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-07 | **Client Sample Name:** 0353, CB-3, CB-3@51.0, 12/6/2005 8:40:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00064	EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	0.85	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	0.85	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00072	EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	0.85	BOL0247	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	0.85	BOL0247	ND	
Total Xylenes	0.0055	mg/kg	0.0085	0.0042	EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	0.85	BOL0247	ND	J
t-Amyl Methyl ether	ND	mg/kg	0.00085	0.00022	EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	0.85	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.026	EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	0.85	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00044	EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	0.85	BOL0247	ND	
Ethanol	ND	mg/kg	0.85	0.29	EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	0.85	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00085	0.00014	EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	0.85	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	0.24	mg/kg	0.17	0.14	EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	0.85	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.8	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	94.9	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 01:47	car	MS-V3	1	BOL0247		

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21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-08 | **Client Sample Name:** 0353, CB-3, CB-3@56.5, 12/6/2005 8:45:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0044	0.00065	EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	0.87	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0044	0.0010	EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	0.87	BOL0247	ND	
Methyl t-butyl ether	0.0014	mg/kg	0.0044	0.00074	EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	0.87	BOL0247	ND	J
Toluene	0.0033	mg/kg	0.0044	0.0011	EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	0.87	BOL0247	ND	J
Total Xylenes	0.0058	mg/kg	0.0087	0.0044	EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	0.87	BOL0247	ND	J
t-Amyl Methyl ether	ND	mg/kg	0.00087	0.00023	EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	0.87	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.026	EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	0.87	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0044	0.00045	EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	0.87	BOL0247	ND	
Ethanol	ND	mg/kg	0.87	0.30	EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	0.87	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00087	0.00015	EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	0.87	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.17	0.14	EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	0.87	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	96.8	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 02:14	car	MS-V3	1	BOL0247		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-09 | **Client Sample Name:** 0353, CB-3, CB-3@60.5, 12/6/2005 8:50:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0048	0.00073	EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	0.97	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0048	0.0012	EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	0.97	BOL0248	ND	
Methyl t-butyl ether	ND	mg/kg	0.0048	0.00082	EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	0.97	BOL0248	ND	
Toluene	ND	mg/kg	0.0048	0.0013	EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	0.97	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0097	0.0048	EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	0.97	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00097	0.00025	EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	0.97	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.19	0.029	EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	0.97	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0048	0.00050	EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	0.97	BOL0248	ND	
Ethanol	ND	mg/kg	0.97	0.33	EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	0.97	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00097	0.00016	EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	0.97	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.19	0.16	EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	0.97	BOL0248	ND	
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	94.1	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	97.5	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 02:40	car	MS-V3	1	BOL0248		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-10 | **Client Sample Name:** 0353, CB-3, CB-3@65.5, 12/6/2005 9:05:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0058	0.00086	EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0058	0.0014	EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248	ND	
Methyl t-butyl ether	ND	mg/kg	0.0058	0.00098	EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248	ND	
Toluene	ND	mg/kg	0.0058	0.0015	EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.012	0.0058	EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0012	0.00030	EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.23	0.034	EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0058	0.00060	EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248	ND	
Ethanol	ND	mg/kg	1.2	0.39	EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0012	0.00020	EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.23	0.18	EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248		
Toluene-d8 (Surrogate)	97.5	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248		
4-Bromofluorobenzene (Surrogate)	97.4	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 03:06	car	MS-V3	1.15	BOL0248		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-11 | **Client Sample Name:** 0353, CB-3, CB-3@71.0, 12/6/2005 9:10:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0048	0.00071	EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	0.95	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0048	0.0011	EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	0.95	BOL0248	ND	
Methyl t-butyl ether	0.0022	mg/kg	0.0048	0.00081	EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	0.95	BOL0248	ND	J
Toluene	ND	mg/kg	0.0048	0.0012	EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	0.95	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0095	0.0048	EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	0.95	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00095	0.00025	EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	0.95	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.19	0.028	EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	0.95	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0048	0.00049	EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	0.95	BOL0248	ND	
Ethanol	ND	mg/kg	0.95	0.32	EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	0.95	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00095	0.00016	EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	0.95	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	0.21	mg/kg	0.19	0.15	EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	0.95	BOL0248	ND	
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	95.8	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	93.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 03:32	car	MS-V3	1	BOL0248		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-12 **Client Sample Name:** 0353, CB-3, CB-3@76.5, 12/6/2005 9:20:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0048	0.00071	EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	0.95	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0048	0.0011	EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	0.95	BOL0248	ND	
Methyl t-butyl ether	0.024	mg/kg	0.0048	0.00081	EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	0.95	BOL0248	ND	
Toluene	ND	mg/kg	0.0048	0.0012	EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	0.95	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0095	0.0048	EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	0.95	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00095	0.00025	EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	0.95	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.19	0.028	EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	0.95	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0048	0.00049	EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	0.95	BOL0248	ND	
Ethanol	ND	mg/kg	0.95	0.32	EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	0.95	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00095	0.00016	EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	0.95	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	0.18	mg/kg	0.19	0.15	EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	0.95	BOL0248	ND	A53, J
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	96.5	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	93.1	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 03:58	car	MS-V3	1	BOL0248		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-13 | **Client Sample Name:** 0353, CB-3, CB-3@81.5, 12/6/2005 9:25:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.00075	EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248	ND	
Methyl t-butyl ether	0.11	mg/kg	0.0050	0.00085	EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.010	0.0050	EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010	0.00026	EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.20	0.030	EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00052	EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248	ND	
Ethanol	ND	mg/kg	1.0	0.34	EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010	0.00017	EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	0.21	mg/kg	0.20	0.16	EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	96.6	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	95.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 17:01	car	MS-V3	1	BOL0248		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-14 | **Client Sample Name:** 0353, CB-3, CB-3@85.5, 12/6/2005 9:30:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	0.00074	EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	0.99	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	0.99	BOL0248	ND	
Methyl t-butyl ether	0.048	mg/kg	0.0050	0.00084	EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	0.99	BOL0248	ND	
Toluene	ND	mg/kg	0.0050	0.0013	EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	0.99	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0099	0.0050	EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	0.99	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00099	0.00026	EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	0.99	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.20	0.030	EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	0.99	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00051	EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	0.99	BOL0248	ND	
Ethanol	ND	mg/kg	0.99	0.34	EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	0.99	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00099	0.00017	EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	0.99	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	0.21	mg/kg	0.20	0.16	EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	0.99	BOL0248	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	98.9	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	93.3	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 04:51	car	MS-V3	1	BOL0248		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-15 | **Client Sample Name:** 0353, CB-3, CB-3@91.5, 12/6/2005 9:35:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0039	0.00058	EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	0.78	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0039	0.00094	EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	0.78	BOL0248	ND	
Methyl t-butyl ether	0.65	mg/kg	0.096	0.016	EPA-8260	12/06/05	12/10/05 20:56	car	MS-V3	19.20	BOL0248	ND	A01
Toluene	ND	mg/kg	0.0039	0.0010	EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	0.78	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0078	0.0039	EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	0.78	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00078	0.00020	EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	0.78	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.023	EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	0.78	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0039	0.00041	EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	0.78	BOL0248	ND	
Ethanol	ND	mg/kg	0.78	0.27	EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	0.78	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00078	0.00013	EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	0.78	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	0.76	mg/kg	0.16	0.12	EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	0.78	BOL0248	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/10/05 20:56	car	MS-V3	19.20	BOL0248		A01
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	94.5	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/10/05 20:56	car	MS-V3	19.20	BOL0248		A01
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/10/05 20:56	car	MS-V3	19.20	BOL0248		A01
4-Bromofluorobenzene (Surrogate)	95.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 08:20	car	MS-V3	1	BOL0248		

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-16 | **Client Sample Name:** 0353, CB-3, CB-3@96.5, 12/6/2005 9:40:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0040	0.00061	EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	0.81	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0040	0.00097	EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	0.81	BOL0248	ND	
Methyl t-butyl ether	0.70	mg/kg	0.10	0.017	EPA-8260	12/06/05	12/10/05 21:22	car	MS-V3	20.50	BOL0248	ND	A01
Toluene	ND	mg/kg	0.0040	0.0011	EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	0.81	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0081	0.0040	EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	0.81	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00081	0.00021	EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	0.81	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	0.81	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0040	0.00042	EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	0.81	BOL0248	ND	
Ethanol	ND	mg/kg	0.81	0.28	EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	0.81	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00081	0.00014	EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	0.81	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	0.90	mg/kg	0.16	0.13	EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	0.81	BOL0248	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	1	BOL0248		
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/10/05 21:22	car	MS-V3	20.50	BOL0248		A01
Toluene-d8 (Surrogate)	96.1	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/10/05 21:22	car	MS-V3	20.50	BOL0248		A01
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	97.8	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/10/05 21:22	car	MS-V3	20.50	BOL0248		A01
4-Bromofluorobenzene (Surrogate)	95.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 08:46	car	MS-V3	1	BOL0248		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-17 | **Client Sample Name:** 0353, CB-3, CB-3@101.5, 12/6/2005 9:55:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00062	EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	0.83	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	0.83	BOL0248	ND	
Methyl t-butyl ether	0.18	mg/kg	0.0042	0.00071	EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	0.83	BOL0248	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	0.83	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0083	0.0042	EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	0.83	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00083	0.00022	EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	0.83	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.025	EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	0.83	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00043	EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	0.83	BOL0248	ND	
Ethanol	ND	mg/kg	0.83	0.28	EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	0.83	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00083	0.00014	EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	0.83	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	0.29	mg/kg	0.17	0.13	EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	0.83	BOL0248	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	97.3	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	91.4	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 09:12	car	MS-V3	1	BOL0248		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-18 | **Client Sample Name:** 0353, CB-4, CB-4@5.5, 12/6/2005 11:30:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00064	EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	0.85	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	0.85	BOL0248	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00072	EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	0.85	BOL0248	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	0.85	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0085	0.0042	EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	0.85	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00085	0.00022	EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	0.85	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.026	EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	0.85	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00044	EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	0.85	BOL0248	ND	
Ethanol	ND	mg/kg	0.85	0.29	EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	0.85	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00085	0.00014	EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	0.85	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	0.15	mg/kg	0.17	0.14	EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	0.85	BOL0248	ND	J
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	95.7	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	91.5	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 09:38	car	MS-V3	1	BOL0248		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-19 | **Client Sample Name:** 0353, CB-4, CB-4@10.5, 12/6/2005 11:35:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00064	EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	0.85	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	0.85	BOL0248	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00072	EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	0.85	BOL0248	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	0.85	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0085	0.0042	EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	0.85	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00085	0.00022	EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	0.85	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.026	EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	0.85	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00044	EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	0.85	BOL0248	ND	
Ethanol	ND	mg/kg	0.85	0.29	EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	0.85	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00085	0.00014	EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	0.85	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.17	0.14	EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	0.85	BOL0248	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	91.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 10:04	car	MS-V3	1	BOL0248		

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-20 | **Client Sample Name:** 0353, CB-4, CB-4@16.0, 12/6/2005 11:40:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0046	0.00070	EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	0.93	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0046	0.0011	EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	0.93	BOL0248	ND	
Methyl t-butyl ether	ND	mg/kg	0.0046	0.00079	EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	0.93	BOL0248	ND	
Toluene	ND	mg/kg	0.0046	0.0012	EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	0.93	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0093	0.0046	EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	0.93	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00093	0.00024	EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	0.93	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.19	0.028	EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	0.93	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0046	0.00048	EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	0.93	BOL0248	ND	
Ethanol	ND	mg/kg	0.93	0.32	EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	0.93	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00093	0.00016	EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	0.93	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.19	0.15	EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	0.93	BOL0248	ND	
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	97.0	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	93.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/08/05 10:30	car	MS-V3	1	BOL0248		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-21 | **Client Sample Name:** 0353, CB-4, CB-4@21.0, 12/6/2005 11:45:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0049	0.00074	EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	0.98	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0049	0.0012	EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	0.98	BOL0248	ND	
Methyl t-butyl ether	ND	mg/kg	0.0049	0.00083	EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	0.98	BOL0248	ND	
Toluene	ND	mg/kg	0.0049	0.0013	EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	0.98	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0098	0.0049	EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	0.98	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00098	0.00025	EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	0.98	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.20	0.029	EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	0.98	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0049	0.00051	EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	0.98	BOL0248	ND	
Ethanol	ND	mg/kg	0.98	0.33	EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	0.98	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00098	0.00017	EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	0.98	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.16	EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	0.98	BOL0248	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	98.0	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	92.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 10:56	car	MS-V3	1	BOL0248		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-22 | **Client Sample Name:** 0353, CB-4, CB-4@25.5, 12/6/2005 11:50:00AM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0046	0.00070	EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	0.93	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0046	0.0011	EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	0.93	BOL0248	ND	
Methyl t-butyl ether	ND	mg/kg	0.0046	0.00079	EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	0.93	BOL0248	ND	
Toluene	ND	mg/kg	0.0046	0.0012	EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	0.93	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0093	0.0046	EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	0.93	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00093	0.00024	EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	0.93	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.19	0.028	EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	0.93	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0046	0.00048	EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	0.93	BOL0248	ND	
Ethanol	ND	mg/kg	0.93	0.32	EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	0.93	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00093	0.00016	EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	0.93	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	0.17	mg/kg	0.19	0.15	EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	0.93	BOL0248	ND	J
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	98.6	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	91.4	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 11:23	car	MS-V3	1	BOL0248		

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Project: 0353
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Reported: 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-23 | **Client Sample Name:** 0353, CB-4, CB-4@31.5, 12/6/2005 12:05:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0045	0.00068	EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	0.90	BOL0248	ND	
Ethylbenzene	ND	mg/kg	0.0045	0.0011	EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	0.90	BOL0248	ND	
Methyl t-butyl ether	ND	mg/kg	0.0045	0.00076	EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	0.90	BOL0248	ND	
Toluene	ND	mg/kg	0.0045	0.0012	EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	0.90	BOL0248	ND	
Total Xylenes	ND	mg/kg	0.0090	0.0045	EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	0.90	BOL0248	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00090	0.00023	EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	0.90	BOL0248	ND	
t-Butyl alcohol	ND	mg/kg	0.18	0.027	EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	0.90	BOL0248	ND	
Diisopropyl ether	ND	mg/kg	0.0045	0.00047	EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	0.90	BOL0248	ND	
Ethanol	ND	mg/kg	0.90	0.31	EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	0.90	BOL0248	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00090	0.00015	EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	0.90	BOL0248	ND	
Total Purgeable Petroleum Hydrocarbons	0.21	mg/kg	0.18	0.14	EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	0.90	BOL0248	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.7	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	1	BOL0248		
Toluene-d8 (Surrogate)	95.3	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	1	BOL0248		
4-Bromofluorobenzene (Surrogate)	89.4	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 11:49	car	MS-V3	1	BOL0248		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-24 | **Client Sample Name:** 0353, CB-4, CB-4@36.0, 12/6/2005 12:10:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.10	0.016	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248	ND	A01
Ethylbenzene	ND	mg/kg	0.10	0.025	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.10	0.018	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248	ND	A01
Toluene	ND	mg/kg	0.10	0.027	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248	ND	A01
Total Xylenes	0.28	mg/kg	0.21	0.10	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.021	0.0054	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248	ND	A01
t-Butyl alcohol	ND	mg/kg	4.1	0.62	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248	ND	A01
Diisopropyl ether	ND	mg/kg	0.10	0.011	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248	ND	A01
Ethanol	ND	mg/kg	21	7.0	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.021	0.0035	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248	ND	A01
Total Purgeable Petroleum Hydrocarbons	13	mg/kg	4.1	3.3	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121	(LCL - UCL)	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248		A01
Toluene-d8 (Surrogate)	99.1	%	81 - 117	(LCL - UCL)	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248		A01
4-Bromofluorobenzene (Surrogate)	93.4	%	74 - 121	(LCL - UCL)	EPA-8260	12/07/05	12/10/05 21:48	car	MS-V3	20.70	BOL0248		A01

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Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-25 | **Client Sample Name:** 0353, CB-4, CB-4@41.5, 12/6/2005 12:15:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	1.2	0.19	EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248	ND	A01
Ethylbenzene	41	mg/kg	1.2	0.30	EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248	ND	A01
Methyl t-butyl ether	ND	mg/kg	1.2	0.21	EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248	ND	A01
Toluene	6.2	mg/kg	1.2	0.32	EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248	ND	A01
Total Xylenes	660	mg/kg	25	12	EPA-8260	12/07/05	12/14/05 23:23	car	MS-V3	2485	BOL0248	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.25	0.065	EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248	ND	A01
t-Butyl alcohol	ND	mg/kg	50	7.5	EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248	ND	A01
Diisopropyl ether	ND	mg/kg	1.2	0.13	EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248	ND	A01
Ethanol	ND	mg/kg	250	84	EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.25	0.042	EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248	ND	A01
Total Purgeable Petroleum Hydrocarbons	3300	mg/kg	500	400	EPA-8260	12/07/05	12/14/05 23:23	car	MS-V3	2485	BOL0248	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/14/05 23:23	car	MS-V3	2485	BOL0248		A01
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248		A01
Toluene-d8 (Surrogate)	99.5	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/14/05 23:23	car	MS-V3	2485	BOL0248		A01
Toluene-d8 (Surrogate)	99.3	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248		A01
4-Bromofluorobenzene (Surrogate)	97.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/14/05 23:23	car	MS-V3	2485	BOL0248		A01
4-Bromofluorobenzene (Surrogate)	99.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 23:07	car	MS-V3	248.5	BOL0248		A01

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-26 | **Client Sample Name:** 0353, CB-4, CB-4@46.5, 12/6/2005 12:25:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.10	0.016	EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248	ND	A01
Ethylbenzene	0.93	mg/kg	0.10	0.025	EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.10	0.018	EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248	ND	A01
Toluene	3.9	mg/kg	0.10	0.027	EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248	ND	A01
Total Xylenes	5.6	mg/kg	0.21	0.10	EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.021	0.0054	EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248	ND	A01
t-Butyl alcohol	0.96	mg/kg	4.2	0.63	EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248	ND	J, A01
Diisopropyl ether	ND	mg/kg	0.10	0.011	EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248	ND	A01
Ethanol	ND	mg/kg	21	7.1	EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.021	0.0036	EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248	ND	A01
Total Purgeable Petroleum Hydrocarbons	18	mg/kg	4.2	3.3	EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248		A01
Toluene-d8 (Surrogate)	98.2	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248		A01
4-Bromofluorobenzene (Surrogate)	95.8	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 22:15	car	MS-V3	20.90	BOL0248		A01

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-27 | **Client Sample Name:** 0353, CB-4, CB-4@50.5, 12/6/2005 12:30:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	14	mg/kg	1.1	0.16	EPA-8260	12/07/05	12/10/05 23:33	car	MS-V3	214.7	BOL0248	ND	A01
Ethylbenzene	210	mg/kg	11	2.6	EPA-8260	12/07/05	12/14/05 23:50	car	MS-V3	2147	BOL0248	ND	A01
Methyl t-butyl ether	1.3	mg/kg	1.1	0.18	EPA-8260	12/07/05	12/10/05 23:33	car	MS-V3	214.7	BOL0248	ND	A01
Toluene	520	mg/kg	11	2.8	EPA-8260	12/07/05	12/14/05 23:50	car	MS-V3	2147	BOL0248	ND	A01
Total Xylenes	1200	mg/kg	21	11	EPA-8260	12/07/05	12/14/05 23:50	car	MS-V3	2147	BOL0248	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.21	0.056	EPA-8260	12/07/05	12/10/05 23:33	car	MS-V3	214.7	BOL0248	ND	A01
t-Butyl alcohol	ND	mg/kg	43	6.4	EPA-8260	12/07/05	12/10/05 23:33	car	MS-V3	214.7	BOL0248	ND	A01
Diisopropyl ether	ND	mg/kg	1.1	0.11	EPA-8260	12/07/05	12/10/05 23:33	car	MS-V3	214.7	BOL0248	ND	A01
Ethanol	ND	mg/kg	210	73	EPA-8260	12/07/05	12/10/05 23:33	car	MS-V3	214.7	BOL0248	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.21	0.036	EPA-8260	12/07/05	12/10/05 23:33	car	MS-V3	214.7	BOL0248	ND	A01
Total Purgeable Petroleum Hydrocarbons	6900	mg/kg	860	690	EPA-8260	12/07/05	12/16/05 02:52	car	MS-V3	4296	BOL0248	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	92.1	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/16/05 02:52	car	MS-V3	4296	BOL0248		A01
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/14/05 23:50	car	MS-V3	2147	BOL0248		A01
1,2-Dichloroethane-d4 (Surrogate)	97.9	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 23:33	car	MS-V3	214.7	BOL0248		A01
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/16/05 02:52	car	MS-V3	4296	BOL0248		A01
Toluene-d8 (Surrogate)	97.8	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 23:33	car	MS-V3	214.7	BOL0248		A01
Toluene-d8 (Surrogate)	99.9	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/14/05 23:50	car	MS-V3	2147	BOL0248		A01
4-Bromofluorobenzene (Surrogate)	98.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 23:33	car	MS-V3	214.7	BOL0248		A01
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/16/05 02:52	car	MS-V3	4296	BOL0248		A01
4-Bromofluorobenzene (Surrogate)	96.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/14/05 23:50	car	MS-V3	2147	BOL0248		A01

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-28 | **Client Sample Name:** 0353, CB-4, CB-4@56.0, 12/6/2005 12:35:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.018	mg/kg	0.11	0.017	EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249	ND	J, A01
Ethylbenzene	0.30	mg/kg	0.11	0.027	EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249	ND	A01
Methyl t-butyl ether	0.13	mg/kg	0.11	0.019	EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249	ND	A01
Toluene	0.35	mg/kg	0.11	0.029	EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249	ND	A01
Total Xylenes	2.1	mg/kg	0.22	0.11	EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.022	0.0058	EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249	ND	A01
t-Butyl alcohol	ND	mg/kg	4.5	0.67	EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249	ND	A01
Diisopropyl ether	ND	mg/kg	0.11	0.012	EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249	ND	A01
Ethanol	ND	mg/kg	22	7.6	EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.022	0.0038	EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249	ND	A01
Total Purgeable Petroleum Hydrocarbons	20	mg/kg	4.5	3.6	EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249		A01
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249		A01
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/10/05 22:41	car	MS-V3	22.40	BOL0249		A01

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-29 | **Client Sample Name:** 0353, CB-4, CB-4@61.0, 12/6/2005 12:40:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.00092	mg/kg	0.0050	0.00074	EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	0.99	BOL0249	ND	J
Ethylbenzene	0.0029	mg/kg	0.0050	0.0012	EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	0.99	BOL0249	ND	J
Methyl t-butyl ether	0.0037	mg/kg	0.0050	0.00084	EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	0.99	BOL0249	ND	J
Toluene	0.014	mg/kg	0.0050	0.0013	EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	0.99	BOL0249	ND	
Total Xylenes	0.028	mg/kg	0.0099	0.0050	EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	0.99	BOL0249	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00099	0.00026	EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	0.99	BOL0249	ND	
t-Butyl alcohol	ND	mg/kg	0.20	0.030	EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	0.99	BOL0249	ND	
Diisopropyl ether	ND	mg/kg	0.0050	0.00051	EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	0.99	BOL0249	ND	
Ethanol	ND	mg/kg	0.99	0.34	EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	0.99	BOL0249	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00099	0.00017	EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	0.99	BOL0249	ND	
Total Purgeable Petroleum Hydrocarbons	0.29	mg/kg	0.20	0.16	EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	0.99	BOL0249	ND	
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	1	BOL0249		
Toluene-d8 (Surrogate)	99.2	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	1	BOL0249		
4-Bromofluorobenzene (Surrogate)	96.9	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 12:15	car	MS-V3	1	BOL0249		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-30 | **Client Sample Name:** 0353, CB-4, CB-4@66.5, 12/6/2005 12:45:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0048	0.00071	EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	0.95	BOL0249	ND	
Ethylbenzene	0.0020	mg/kg	0.0048	0.0011	EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	0.95	BOL0249	ND	J
Methyl t-butyl ether	0.0084	mg/kg	0.0048	0.00081	EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	0.95	BOL0249	ND	
Toluene	0.0056	mg/kg	0.0048	0.0012	EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	0.95	BOL0249	ND	
Total Xylenes	0.014	mg/kg	0.0095	0.0048	EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	0.95	BOL0249	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00095	0.00025	EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	0.95	BOL0249	ND	
t-Butyl alcohol	ND	mg/kg	0.19	0.028	EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	0.95	BOL0249	ND	
Diisopropyl ether	ND	mg/kg	0.0048	0.00049	EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	0.95	BOL0249	ND	
Ethanol	ND	mg/kg	0.95	0.32	EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	0.95	BOL0249	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00095	0.00016	EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	0.95	BOL0249	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.19	0.15	EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	0.95	BOL0249	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	1	BOL0249		
Toluene-d8 (Surrogate)	99.0	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	1	BOL0249		
4-Bromofluorobenzene (Surrogate)	94.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 12:41	car	MS-V3	1	BOL0249		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-31 | **Client Sample Name:** 0353, CB-4, CB-4@71.0, 12/6/2005 12:50:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.0039	mg/kg	0.0049	0.00074	EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	0.98	BOL0249	ND	J
Ethylbenzene	0.019	mg/kg	0.0049	0.0012	EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	0.98	BOL0249	ND	
Methyl t-butyl ether	0.0040	mg/kg	0.0049	0.00083	EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	0.98	BOL0249	ND	J
Toluene	0.073	mg/kg	0.0049	0.0013	EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	0.98	BOL0249	ND	
Total Xylenes	0.12	mg/kg	0.0098	0.0049	EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	0.98	BOL0249	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00098	0.00025	EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	0.98	BOL0249	ND	
t-Butyl alcohol	ND	mg/kg	0.20	0.029	EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	0.98	BOL0249	ND	
Diisopropyl ether	ND	mg/kg	0.0049	0.00051	EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	0.98	BOL0249	ND	
Ethanol	ND	mg/kg	0.98	0.33	EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	0.98	BOL0249	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00098	0.00017	EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	0.98	BOL0249	ND	
Total Purgeable Petroleum Hydrocarbons	0.62	mg/kg	0.20	0.16	EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	0.98	BOL0249	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	1	BOL0249		
Toluene-d8 (Surrogate)	96.2	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	1	BOL0249		
4-Bromofluorobenzene (Surrogate)	91.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 13:07	car	MS-V3	1	BOL0249		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-32 | **Client Sample Name:** 0353, CB-4, CB-4@76.0, 12/6/2005 1:40:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0052	0.00079	EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249	ND	
Ethylbenzene	0.014	mg/kg	0.0052	0.0013	EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249	ND	
Methyl t-butyl ether	0.0028	mg/kg	0.0052	0.00089	EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249	ND	J
Toluene	0.013	mg/kg	0.0052	0.0014	EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249	ND	
Total Xylenes	0.092	mg/kg	0.010	0.0052	EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010	0.00027	EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249	ND	
t-Butyl alcohol	ND	mg/kg	0.21	0.032	EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249	ND	
Diisopropyl ether	ND	mg/kg	0.0052	0.00055	EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249	ND	
Ethanol	ND	mg/kg	1.0	0.36	EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010	0.00018	EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249	ND	
Total Purgeable Petroleum Hydrocarbons	1.7	mg/kg	0.21	0.17	EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249	ND	
1,2-Dichloroethane-d4 (Surrogate)	115	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249		
Toluene-d8 (Surrogate)	92.0	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249		
4-Bromofluorobenzene (Surrogate)	92.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/08/05 13:34	car	MS-V3	1.05	BOL0249		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-33 | **Client Sample Name:** 0353, CB-4, CB-4@81.0, 12/6/2005 1:45:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0060	0.00091	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249	ND	
Ethylbenzene	0.0018	mg/kg	0.0060	0.0015	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249	ND	J
Methyl t-butyl ether	0.0082	mg/kg	0.0060	0.0010	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249	ND	
Toluene	0.0041	mg/kg	0.0060	0.0016	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249	ND	J
Total Xylenes	0.011	mg/kg	0.012	0.0060	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249	ND	J
t-Amyl Methyl ether	ND	mg/kg	0.0012	0.00031	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249	ND	
t-Butyl alcohol	ND	mg/kg	0.24	0.036	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249	ND	
Diisopropyl ether	ND	mg/kg	0.0060	0.00063	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249	ND	
Ethanol	ND	mg/kg	1.2	0.41	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0012	0.00021	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249	ND	
Total Purgeable Petroleum Hydrocarbons	0.26	mg/kg	0.24	0.19	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249	ND	
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121	(LCL - UCL)	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249		
Toluene-d8 (Surrogate)	95.7	%	81 - 117	(LCL - UCL)	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249		
4-Bromofluorobenzene (Surrogate)	96.9	%	74 - 121	(LCL - UCL)	EPA-8260	12/07/05	12/08/05 14:00	car	MS-V3	1.21	BOL0249		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-34 | **Client Sample Name:** 0353, CB-4, CB-4@86.0, 12/6/2005 1:55:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0052	0.00079	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249	ND	
Ethylbenzene	0.0037	mg/kg	0.0052	0.0013	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249	ND	J
Methyl t-butyl ether	0.0050	mg/kg	0.0052	0.00089	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249	ND	J
Toluene	0.0052	mg/kg	0.0052	0.0014	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249	ND	
Total Xylenes	0.023	mg/kg	0.010	0.0052	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010	0.00027	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249	ND	
t-Butyl alcohol	ND	mg/kg	0.21	0.032	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249	ND	
Diisopropyl ether	ND	mg/kg	0.0052	0.00055	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249	ND	
Ethanol	ND	mg/kg	1.0	0.36	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010	0.00018	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249	ND	
Total Purgeable Petroleum Hydrocarbons	0.35	mg/kg	0.21	0.17	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121	(LCL - UCL)	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249		
Toluene-d8 (Surrogate)	101	%	81 - 117	(LCL - UCL)	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249		
4-Bromofluorobenzene (Surrogate)	94.1	%	74 - 121	(LCL - UCL)	EPA-8260	12/07/05	12/09/05 17:45	car	MS-V3	1.05	BOL0249		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-35 | **Client Sample Name:** 0353, CB-4, CB-4@91.5, 12/6/2005 2:00:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.00070	mg/kg	0.0040	0.00059	EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	0.79	BOL0249	ND	J
Ethylbenzene	0.0091	mg/kg	0.0040	0.00095	EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	0.79	BOL0249	ND	
Methyl t-butyl ether	0.28	mg/kg	0.0040	0.00067	EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	0.79	BOL0249	ND	
Toluene	0.023	mg/kg	0.0040	0.0010	EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	0.79	BOL0249	ND	
Total Xylenes	0.054	mg/kg	0.0079	0.0040	EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	0.79	BOL0249	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00079	0.00021	EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	0.79	BOL0249	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	0.79	BOL0249	ND	
Diisopropyl ether	ND	mg/kg	0.0040	0.00041	EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	0.79	BOL0249	ND	
Ethanol	ND	mg/kg	0.79	0.27	EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	0.79	BOL0249	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00079	0.00013	EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	0.79	BOL0249	ND	
Total Purgeable Petroleum Hydrocarbons	0.49	mg/kg	0.16	0.13	EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	0.79	BOL0249	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	1	BOL0249		
Toluene-d8 (Surrogate)	97.2	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	1	BOL0249		
4-Bromofluorobenzene (Surrogate)	93.4	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/09/05 18:11	car	MS-V3	1	BOL0249		

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-36 | **Client Sample Name:** 0353, CB-4, CB-4@95.5, 12/6/2005 2:05:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.0011	mg/kg	0.0040	0.00061	EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	0.81	BOL0249	ND	J
Ethylbenzene	0.010	mg/kg	0.0040	0.00097	EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	0.81	BOL0249	ND	
Methyl t-butyl ether	0.34	mg/kg	0.0040	0.00069	EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	0.81	BOL0249	ND	
Toluene	0.032	mg/kg	0.0040	0.0011	EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	0.81	BOL0249	ND	
Total Xylenes	0.056	mg/kg	0.0081	0.0040	EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	0.81	BOL0249	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00081	0.00021	EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	0.81	BOL0249	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	0.81	BOL0249	ND	
Diisopropyl ether	ND	mg/kg	0.0040	0.00042	EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	0.81	BOL0249	ND	
Ethanol	ND	mg/kg	0.81	0.28	EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	0.81	BOL0249	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00081	0.00014	EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	0.81	BOL0249	ND	
Total Purgeable Petroleum Hydrocarbons	0.61	mg/kg	0.16	0.13	EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	0.81	BOL0249	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	1	BOL0249		
Toluene-d8 (Surrogate)	99.4	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	1	BOL0249		
4-Bromofluorobenzene (Surrogate)	96.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/09/05 18:37	car	MS-V3	1	BOL0249		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511976-37 | **Client Sample Name:** 0353, CB-4, CB-4@100.5, 12/6/2005 2:10:00PM, Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0040	0.00059	EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	0.79	BOL0249	ND	
Ethylbenzene	0.0032	mg/kg	0.0040	0.00095	EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	0.79	BOL0249	ND	J
Methyl t-butyl ether	0.016	mg/kg	0.0040	0.00067	EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	0.79	BOL0249	ND	
Toluene	0.0069	mg/kg	0.0040	0.0010	EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	0.79	BOL0249	ND	
Total Xylenes	0.022	mg/kg	0.0079	0.0040	EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	0.79	BOL0249	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00079	0.00021	EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	0.79	BOL0249	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	0.79	BOL0249	ND	
Diisopropyl ether	ND	mg/kg	0.0040	0.00041	EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	0.79	BOL0249	ND	
Ethanol	ND	mg/kg	0.79	0.27	EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	0.79	BOL0249	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00079	0.00013	EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	0.79	BOL0249	ND	
Total Purgeable Petroleum Hydrocarbons	0.26	mg/kg	0.16	0.13	EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	0.79	BOL0249	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	1	BOL0249		
Toluene-d8 (Surrogate)	97.1	%	81 - 117 (LCL - UCL)		EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	1	BOL0249		
4-Bromofluorobenzene (Surrogate)	92.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/07/05	12/09/05 19:03	car	MS-V3	1	BOL0249		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BOL0247	BOL0247-MS1	Matrix Spike	ND	0.12984	0.12500	mg/kg		104		70 - 130	
		BOL0247-MSD1	Matrix Spike Duplicate	ND	0.13386	0.12500	mg/kg	2.84	107	20	70 - 130	
Toluene	BOL0247	BOL0247-MS1	Matrix Spike	ND	0.12399	0.12500	mg/kg		99.2		70 - 130	
		BOL0247-MSD1	Matrix Spike Duplicate	ND	0.12510	0.12500	mg/kg	0.803	100	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0247	BOL0247-MS1	Matrix Spike	ND	0.055050	0.050000	mg/kg		110		70 - 121	
		BOL0247-MSD1	Matrix Spike Duplicate	ND	0.055920	0.050000	mg/kg		112		70 - 121	
Toluene-d8 (Surrogate)	BOL0247	BOL0247-MS1	Matrix Spike	ND	0.048120	0.050000	mg/kg		96.2		81 - 117	
		BOL0247-MSD1	Matrix Spike Duplicate	ND	0.050620	0.050000	mg/kg		101		81 - 117	
4-Bromofluorobenzene (Surrogate)	BOL0247	BOL0247-MS1	Matrix Spike	ND	0.045960	0.050000	mg/kg		91.9		74 - 121	
		BOL0247-MSD1	Matrix Spike Duplicate	ND	0.048340	0.050000	mg/kg		96.7		74 - 121	
Benzene	BOL0248	BOL0248-MS1	Matrix Spike	ND	0.12692	0.12500	mg/kg		102		70 - 130	
		BOL0248-MSD1	Matrix Spike Duplicate	ND	0.12680	0.12500	mg/kg	0.985	101	20	70 - 130	
Toluene	BOL0248	BOL0248-MS1	Matrix Spike	ND	0.13327	0.12500	mg/kg		107		70 - 130	
		BOL0248-MSD1	Matrix Spike Duplicate	ND	0.12765	0.12500	mg/kg	4.78	102	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0248	BOL0248-MS1	Matrix Spike	ND	0.051790	0.050000	mg/kg		104		70 - 121	
		BOL0248-MSD1	Matrix Spike Duplicate	ND	0.051990	0.050000	mg/kg		104		70 - 121	
Toluene-d8 (Surrogate)	BOL0248	BOL0248-MS1	Matrix Spike	ND	0.051450	0.050000	mg/kg		103		81 - 117	
		BOL0248-MSD1	Matrix Spike Duplicate	ND	0.048770	0.050000	mg/kg		97.5		81 - 117	
4-Bromofluorobenzene (Surrogate)	BOL0248	BOL0248-MS1	Matrix Spike	ND	0.047670	0.050000	mg/kg		95.3		74 - 121	
		BOL0248-MSD1	Matrix Spike Duplicate	ND	0.049660	0.050000	mg/kg		99.3		74 - 121	
Benzene	BOL0249	BOL0249-MS1	Matrix Spike	ND	0.12838	0.12500	mg/kg		103		70 - 130	
		BOL0249-MSD1	Matrix Spike Duplicate	ND	0.12814	0.12500	mg/kg	0.00	103	20	70 - 130	
Toluene	BOL0249	BOL0249-MS1	Matrix Spike	ND	0.13167	0.12500	mg/kg		105		70 - 130	
		BOL0249-MSD1	Matrix Spike Duplicate	ND	0.13043	0.12500	mg/kg	0.957	104	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0249	BOL0249-MS1	Matrix Spike	ND	0.051720	0.050000	mg/kg		103		70 - 121	
		BOL0249-MSD1	Matrix Spike Duplicate	ND	0.048870	0.050000	mg/kg		97.7		70 - 121	
Toluene-d8 (Surrogate)	BOL0249	BOL0249-MS1	Matrix Spike	ND	0.048560	0.050000	mg/kg		97.1		81 - 117	
		BOL0249-MSD1	Matrix Spike Duplicate	ND	0.048960	0.050000	mg/kg		97.9		81 - 117	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
4-Bromofluorobenzene (Surrogate)	BOL0249	BOL0249-MS1	Matrix Spike	ND	0.048160	0.050000	mg/kg		96.3		74 - 121	
		BOL0249-MSD1	Matrix Spike Duplicate	ND	0.047740	0.050000	mg/kg		95.5		74 - 121	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BOL0247	BOL0247-BS1	LCS	0.12615	0.12500	0.0050	mg/kg	101		70 - 130		
Toluene	BOL0247	BOL0247-BS1	LCS	0.12614	0.12500	0.0050	mg/kg	101		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0247	BOL0247-BS1	LCS	0.052770	0.050000		mg/kg	106		70 - 121		
Toluene-d8 (Surrogate)	BOL0247	BOL0247-BS1	LCS	0.052120	0.050000		mg/kg	104		81 - 117		
4-Bromofluorobenzene (Surrogate)	BOL0247	BOL0247-BS1	LCS	0.049550	0.050000		mg/kg	99.1		74 - 121		
Benzene	BOL0248	BOL0248-BS1	LCS	0.13264	0.12500	0.0050	mg/kg	106		70 - 130		
Toluene	BOL0248	BOL0248-BS1	LCS	0.13095	0.12500	0.0050	mg/kg	105		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0248	BOL0248-BS1	LCS	0.052840	0.050000		mg/kg	106		70 - 121		
Toluene-d8 (Surrogate)	BOL0248	BOL0248-BS1	LCS	0.051250	0.050000		mg/kg	102		81 - 117		
4-Bromofluorobenzene (Surrogate)	BOL0248	BOL0248-BS1	LCS	0.047970	0.050000		mg/kg	95.9		74 - 121		
Benzene	BOL0249	BOL0249-BS1	LCS	0.14019	0.12500	0.0050	mg/kg	112		70 - 130		
Toluene	BOL0249	BOL0249-BS1	LCS	0.13424	0.12500	0.0050	mg/kg	107		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0249	BOL0249-BS1	LCS	0.054020	0.050000		mg/kg	108		70 - 121		
Toluene-d8 (Surrogate)	BOL0249	BOL0249-BS1	LCS	0.052280	0.050000		mg/kg	105		81 - 117		
4-Bromofluorobenzene (Surrogate)	BOL0249	BOL0249-BS1	LCS	0.048070	0.050000		mg/kg	96.1		74 - 121		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0050	0.00075	
Ethylbenzene	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0050	0.0012	
Methyl t-butyl ether	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0050	0.00085	
Toluene	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BOL0247	BOL0247-BLK1	ND	mg/kg	0.010	0.0050	
t-Amyl Methyl ether	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0010	0.00026	
t-Butyl alcohol	BOL0247	BOL0247-BLK1	ND	mg/kg	0.20	0.030	
Diisopropyl ether	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0050	0.00052	
Ethanol	BOL0247	BOL0247-BLK1	ND	mg/kg	1.0	0.34	
Ethyl t-butyl ether	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0010	0.00017	
Total Purgeable Petroleum Hydrocarbons	BOL0247	BOL0247-BLK1	ND	mg/kg	0.20	0.16	
1,2-Dichloroethane-d4 (Surrogate)	BOL0247	BOL0247-BLK1	105	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0247	BOL0247-BLK1	98.8	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0247	BOL0247-BLK1	91.2	%	74 - 121 (LCL - UCL)		
Benzene	BOL0248	BOL0248-BLK1	ND	mg/kg	0.0050	0.00075	
Ethylbenzene	BOL0248	BOL0248-BLK1	ND	mg/kg	0.0050	0.0012	
Methyl t-butyl ether	BOL0248	BOL0248-BLK1	ND	mg/kg	0.0050	0.00085	
Toluene	BOL0248	BOL0248-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BOL0248	BOL0248-BLK1	ND	mg/kg	0.010	0.0050	
t-Amyl Methyl ether	BOL0248	BOL0248-BLK1	ND	mg/kg	0.0010	0.00026	
t-Butyl alcohol	BOL0248	BOL0248-BLK1	ND	mg/kg	0.20	0.030	
Diisopropyl ether	BOL0248	BOL0248-BLK1	ND	mg/kg	0.0050	0.00052	
Ethanol	BOL0248	BOL0248-BLK1	ND	mg/kg	1.0	0.34	
Ethyl t-butyl ether	BOL0248	BOL0248-BLK1	ND	mg/kg	0.0010	0.00017	
Total Purgeable Petroleum Hydrocarbons	BOL0248	BOL0248-BLK1	ND	mg/kg	0.20	0.16	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:14

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,2-Dichloroethane-d4 (Surrogate)	BOL0248	BOL0248-BLK1	106	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0248	BOL0248-BLK1	94.7	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0248	BOL0248-BLK1	98.3	%	74 - 121 (LCL - UCL)		
Benzene	BOL0249	BOL0249-BLK1	ND	mg/kg	0.0050	0.00075	
Ethylbenzene	BOL0249	BOL0249-BLK1	ND	mg/kg	0.0050	0.0012	
Methyl t-butyl ether	BOL0249	BOL0249-BLK1	ND	mg/kg	0.0050	0.00085	
Toluene	BOL0249	BOL0249-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BOL0249	BOL0249-BLK1	ND	mg/kg	0.010	0.0050	
t-Amyl Methyl ether	BOL0249	BOL0249-BLK1	ND	mg/kg	0.0010	0.00026	
t-Butyl alcohol	BOL0249	BOL0249-BLK1	ND	mg/kg	0.20	0.030	
Diisopropyl ether	BOL0249	BOL0249-BLK1	ND	mg/kg	0.0050	0.00052	
Ethanol	BOL0249	BOL0249-BLK1	ND	mg/kg	1.0	0.34	
Ethyl t-butyl ether	BOL0249	BOL0249-BLK1	ND	mg/kg	0.0010	0.00017	
Total Purgeable Petroleum Hydrocarbons	BOL0249	BOL0249-BLK1	ND	mg/kg	0.20	0.16	
1,2-Dichloroethane-d4 (Surrogate)	BOL0249	BOL0249-BLK1	109	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0249	BOL0249-BLK1	101	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0249	BOL0249-BLK1	93.9	%	74 - 121 (LCL - UCL)		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:14

Notes and Definitions

J	Estimated value
A53	Chromatogram not typical of gasoline.
A01	PQL's and MDL's are raised due to sample dilution.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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BC Laboratories, Inc

Date of Report: 12/19/2005

John Nordenstam

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 0353

BC Lab Number: 0511898

Enclosed are the results of analyses for samples received by the laboratory on 12/05/05 16:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

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BC Laboratories, Inc.

Chain of Custody Form

PLEASE COMPLETE: BCL QUOTE ID:

51059

Page 1 of ___

Report To: Client: TRC	Project #: 20-0948-11
Attn: John Nordenstam	Project Name: Fmr. 76 Station 0353
Street Address: 21 Technology Dr.	Project Code:
City, State, Zip: Irvine, CA 92618	Sampler(s): Sean Owens
Phone: 949-753-0101 Fax: 949-753-0111	
Email Address:	
Submittal #: 05-11898	

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Comments: Fuel Oxys = MTBE, ETBE, TAME, DIPE, TBA, Ethanol

Sample #	Description	Date Sampled	Time Sampled	TPH-G (8260B)	BTEX (8260B)	Fuel Oxys (8260B)	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
-1	CB-1 @ 6.5	12/5/05	0820	X	X	X	X						Nor	
-2	CB-1 @ 15.5		0825	X	X	X	X						Nor	
-3	CB-1 @ 21.0		0830	X	X	X	X						Nor	
-4	CB-1 @ 26.5		0835	X	X	X	X						Nor	
-5	CB-1 @ 31.0		0840	X	X	X	X						Nor	
-6	CB-1 @ 35.5		0845	X	X	X	X						Nor	
-7	CB-1 @ 41.0		0850	X	X	X	X						Nor	
-8	CB-1 @ 46.5		0855	X	X	X	X						Nor	
-9	CB-1 @ 51.5		0900	X	X	X	X						Nor	
-10	CB-1 @ 56.5		0905	X	X	X	X						Nor	
-11	CB-1 @ 61.0		0910	X	X	X	X						Nor	
-12	CB-1 @ 65.5		0915	X	X	X	X						Nor	
-13	CB-1 @ 70.5		0920	X	X	X	X						Nor	
-14	CB-1 @ 76.0		0925	X	X	X	X						Nor	

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

DISTRIBUTION: CHK BY 010 JLK SUBOUT ☐

Billing ☐ Same as above

Client: ConocoPhillips Company
Address: 3411 S. Harbor Blvd.
City: Santa Ana State: CA Zip:
Attn: Shari London
PO#: 471TRC010

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months ___

Special Reporting: ☐ QC ☐ MIP ☐ Raw Data

	Relinquished By	Date	Time	Received By	Date	Time
1.	Sean Owens	12/5/05	1430	[illegible]	12/5/05	1430
2.	[illegible]	12/5/05	1620	[illegible]	12/5/5	1620
3.						

BC Laboratories, Inc.

Chain of Custody Form

PLEASE COMPLETE: BCL QUOTE ID:

51057

Report To:
Client: TRC
Attn: John Nordenstam
Street Address: 21 Technology Dr.
City, State, Zip: Irvine, CA 92618
Phone: 949-753-0101 Fax: 949-753-0111
Email Address:
Submittal #: 05-11898

Project #: 20-0948-11
Project Name: Fmr. 76 Station 0353
Project Code:
Sampler(s): Sean Owens

Analysis Requested: Please refer to the back of this page for completion instructions and method legend.

Comments: Fuel Oxys = MTBE, ETBE, TAME, DIPE, TBA, Ethanol

Sample #	Description	Date Sampled	Time Sampled	TPH-G (8260B)	BTEX (8260B)	Fuel Oxys (8260B)	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
-15	CB-2@ 5.5	12/5/05	1235	X	X	X	X						Nor	
-16	CB-2@ 10.5		1240											
-17	CB-2@ 15.5		1245											
-18	CB-2@ 20.5		1250											
-19	CB-2@ 25.5		1255											
-20	CB-2@ 30.5		1300											
-21	CB-2@ 35.5	12/5/05	1305	X	X	X	X						Nor	
-22	CB-2@ 40.5	12/5/05	1310	X	X	X	X						Nor	
-23	CB-3@ 6.0	12/5/05	1415	X	X	X	X						Nor	
-24	CB-3@ 11.0	12/5/05	1420	X	X	X	X						Nor	
-25	CB-3@ 16.0	12/5/05	1425	X	X	X	X						Nor	

Are any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

Billing ☐ Same as above
Client: ConocoPhillips Company
Address: 3611 S. Harbor Blvd.
City: Santa Ana State CA Zip
Attn: Shari London
PO#: 4711 TRC010

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months

Special Reporting: ☐ QC ☐ WIP ☐ Raw Data

	Date	Time		Date	Time
1. Relinquished By: Sean Owens	12/5/05	1430	1. Received By: [signature]	12/5/05	1430
2. Relinquished By: [signature]	12/5/05	1630	2. Received By: [signature]	12/5/5	1630
3. Relinquished By			3. Received By		

BC Laboratories, Inc.

Chain of Custody Form

PLEASE COMPLETE: BCL QUOTE ID:

51058

Page ____ of ____

Report To:
Client: TRC
Attn: John Nordstrom
Street Address: 21 Technology Dr.
City, State, Zip: Irvine, CA 92618
Phone: 949-753-0101 Fax: 949-752-0111
Email Address:
Submittal #: 05-11898

Project #: 20 0948-11
Project Name: Fmr. 76 Sta. 0353
Project Code:
Sampler(s): Sean Owens

Analysis Requested: Please refer to the back of this page for completion instructions and method legend.

Comments: Fuel Oxys = MTBE, ETBE, TAME, DIPE, TBA, Ethanol

Sample #	Description	Date Sampled	Time Sampled	TPH-G (8260B)	BTEX (8260B)	Fuel Oxys (8260B)	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
-26	CB-1 @ 81.5	12/5/05	0930	X	X	X	X						Nor	
-27	CB-1 @ 86.5	↓	0935	X	X	X	X						Nor	
-28	CB-1 @ 91.5	↓	0940	X	X	X	X						Nor	
-29	CB-1 @ 96.5	↓	0945	X	X	X	X						Nor	
-30	CB-1 @ 100.5	↓	0950	X	X	X	X						Nor	

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

Billing ☐ Same as above
Client: ConocoPhillips Company
Address: 3611 S. Harbor Blvd.
City: Santa Ana State CA Zip
Attn: Sharri London
PO#: 4711TRC010

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months ____

Special Reporting: ☐ QC ☐ WP ☐ Raw Data

	Relinquished By	Date	Time	Received By	Date	Time
1.	[signature]	12/5/05	1430	[signature]	12/5/05	1430
2.	[signature]	12/5/05	1630	[signature]	12/5/5	1630
3.						

BC LABORATORIES INC. | SAMPLE RECEIPT FORM | Rev. No. 10 01/21/04 | Page 1 Of 3

Submission #: 05-11898 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID R/W
Temperature: 0.3 °C
Thermometer ID: T471
Emissivity
Container Encore
Date/Time 12/5 1620
Analyst Init ARM

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS			/							
PT TOTAL SULFIDE			/							
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504				/						
QT EPA 508/608/8080										
QT EPA 515.1/8150				/						
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE	A	A	A	A	A	A	A	A	A	A

Comments:

Sample Numbering Completed By: ARM Date/Time: 12/5 1845

(H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD)

BC LABORATORIES INC. | SAMPLE RECEIPT FORM | Rev. No. 10 01/21/04 | Page 2 Of 3

Submission #: 05-11898 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID R/W
Temperature: 0.3 °C
Thermometer ID: TH71
Emissivity
Container Encore
Date/Time 12/5 1620
Analyst Init DRM

SAMPLE CONTAINERS	SAMPLE NUMBERS 11	12	13	14	15	16	17	18	19	20
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS			/							
PT TOTAL SULFIDE			/							
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504				/						
QT EPA 508/608/8080										
QT EPA 515.1/8150				/						
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE	A	A	A	A	A	A	A	A	A	A

Comments:

Sample Numbering Completed By: DRM Date/Time: 12/5 1845

BC LABORATORIES INC. | SAMPLE RECEIPT FORM | Rev. No. 10 01/21/04 | Page 3 Of 3

Submission #: OS-11898 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID R/W
Temperature: 0.3 °C
Thermometer ID: T471
Emissivity
Container Encore
Date/Time 12/5 1620
Analyst Init ARM

SAMPLE CONTAINERS	SAMPLE NUMBERS 21	22	23	24	25	26	27	28	29	30
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS			/							
PT TOTAL SULFIDE			/							
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504				/						
QT EPA 508/608/8080										
QT EPA 515.1/8150				/						
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE	A	A	A	A	A	A	A	A	A	A

Comments:

Sample Numbering Completed By: ARM Date/Time: 12/5 1845

BC Laboratories, Inc

TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0511898-01	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 08:20		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@6.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-02	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 08:25		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@15.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-03	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 08:30		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@21.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-04	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 08:35		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@26.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-05	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 08:40		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@31.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0511898-06	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 08:45		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@35.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-07	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 08:50		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@41.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-08	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 08:55		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@46.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-09	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 09:00		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@51.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-10	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 09:05		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@56.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0511898-11	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 09:10		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@61.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-12	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 09:15		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@65.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-13	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 09:20		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@70.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-14	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 09:25		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@76.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-15	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 12:35		Global ID:
	Sampling Location: CB-2		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2@5.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:

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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0511898-16	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 12:40		Global ID:
	Sampling Location: CB-2		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2@10.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-17	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 12:45		Global ID:
	Sampling Location: CB-2		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2@15.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-18	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 12:50		Global ID:
	Sampling Location: CB-2		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2@20.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-19	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 12:55		Global ID:
	Sampling Location: CB-2		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2@25.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-20	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 13:00		Global ID:
	Sampling Location: CB-2		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2@30.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:

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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0511898-21	**COC Number:** ---	**Receive Date:** 12/05/05 16:20	Delivery Work Order (LabW:
	Project Number: 0353	**Sampling Date:** 12/05/05 13:05	Global ID:
	Sampling Location: CB-2	**Sample Depth:** ---	Matrix: SO
	Sampling Point: CB-2@35.5	**Sample Matrix:** Solids	Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI		Cooler ID:
0511898-22	**COC Number:** ---	**Receive Date:** 12/05/05 16:20	Delivery Work Order (LabW:
	Project Number: 0353	**Sampling Date:** 12/05/05 13:10	Global ID:
	Sampling Location: CB-2	**Sample Depth:** ---	Matrix: SO
	Sampling Point: CB-2@40.5	**Sample Matrix:** Solids	Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI		Cooler ID:
0511898-23	**COC Number:** ---	**Receive Date:** 12/05/05 16:20	Delivery Work Order (LabW:
	Project Number: 0353	**Sampling Date:** 12/05/05 14:15	Global ID:
	Sampling Location: CB-3	**Sample Depth:** ---	Matrix: SO
	Sampling Point: CB-3@6.0	**Sample Matrix:** Solids	Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI		Cooler ID:
0511898-24	**COC Number:** ---	**Receive Date:** 12/05/05 16:20	Delivery Work Order (LabW:
	Project Number: 0353	**Sampling Date:** 12/05/05 14:20	Global ID:
	Sampling Location: CB-3	**Sample Depth:** ---	Matrix: SO
	Sampling Point: CB-3@11.0	**Sample Matrix:** Solids	Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI		Cooler ID:
0511898-25	**COC Number:** ---	**Receive Date:** 12/05/05 16:20	Delivery Work Order (LabW:
	Project Number: 0353	**Sampling Date:** 12/05/05 14:25	Global ID:
	Sampling Location: CB-3	**Sample Depth:** ---	Matrix: SO
	Sampling Point: CB-3@16.0	**Sample Matrix:** Solids	Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI		Cooler ID:

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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0511898-26	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 09:30		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@81.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-27	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 09:30		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@86.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-28	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 09:40		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@91.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-29	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 09:45		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@96.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0511898-30	**COC Number:** ---		**Receive Date:** 12/05/05 16:20		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/05/05 09:50		Global ID:
	Sampling Location: CB-1		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-1@100.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-01 | **Client Sample Name:** 0353, CB-1, CB-1@6.5, 12/5/2005 8:20:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0039	0.00058	EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	0.78	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0039	0.00094	EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	0.78	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0039	0.00066	EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	0.78	BOL0246	ND	
Toluene	ND	mg/kg	0.0039	0.0010	EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	0.78	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0078	0.0039	EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	0.78	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00078	0.00020	EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	0.78	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.023	EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	0.78	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0039	0.00041	EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	0.78	BOL0246	ND	
Ethanol	ND	mg/kg	0.78	0.27	EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	0.78	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00078	0.00013	EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	0.78	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.16	0.12	EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	0.78	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	99.2	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	99.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 02:54	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-02 | **Client Sample Name:** 0353, CB-1, CB-1@15.5, 12/5/2005 8:25:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0046	0.00068	EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	0.91	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0046	0.0011	EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	0.91	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0046	0.00077	EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	0.91	BOL0246	ND	
Toluene	ND	mg/kg	0.0046	0.0012	EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	0.91	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0091	0.0046	EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	0.91	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00091	0.00024	EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	0.91	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.18	0.027	EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	0.91	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0046	0.00047	EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	0.91	BOL0246	ND	
Ethanol	ND	mg/kg	0.91	0.31	EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	0.91	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00091	0.00015	EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	0.91	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	0.20	mg/kg	0.18	0.15	EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	0.91	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	97.5	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 03:20	car	MS-V3	1	BOL0246		

TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-03 | **Client Sample Name:** 0353, CB-1, CB-1@21.0, 12/5/2005 8:30:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0051	0.00076	EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0051	0.0012	EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0051	0.00087	EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246	ND	
Toluene	ND	mg/kg	0.0051	0.0013	EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.010	0.0051	EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010	0.00027	EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.20	0.031	EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0051	0.00053	EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246	ND	
Ethanol	ND	mg/kg	1.0	0.35	EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010	0.00017	EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	0.16	EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246		
Toluene-d8 (Surrogate)	98.9	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246		
4-Bromofluorobenzene (Surrogate)	94.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 03:46	car	MS-V3	1.02	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-04 | **Client Sample Name:** 0353, CB-1, CB-1@26.5, 12/5/2005 8:35:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0040	0.00059	EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	0.79	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0040	0.00095	EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	0.79	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0040	0.00067	EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	0.79	BOL0246	ND	
Toluene	ND	mg/kg	0.0040	0.0010	EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	0.79	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0079	0.0040	EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	0.79	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00079	0.00021	EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	0.79	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	0.79	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0040	0.00041	EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	0.79	BOL0246	ND	
Ethanol	ND	mg/kg	0.79	0.27	EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	0.79	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00079	0.00013	EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	0.79	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.16	0.13	EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	0.79	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	96.4	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	93.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 04:13	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-05 | **Client Sample Name:** 0353, CB-1, CB-1@31.0, 12/5/2005 8:40:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0041	0.00062	EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	0.82	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0041	0.00098	EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	0.82	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0041	0.00070	EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	0.82	BOL0246	ND	
Toluene	ND	mg/kg	0.0041	0.0011	EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	0.82	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0082	0.0041	EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	0.82	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00082	0.00021	EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	0.82	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.025	EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	0.82	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0041	0.00043	EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	0.82	BOL0246	ND	
Ethanol	ND	mg/kg	0.82	0.28	EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	0.82	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00082	0.00014	EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	0.82	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.16	0.13	EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	0.82	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	115	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 04:39	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-06 | **Client Sample Name:** 0353, CB-1, CB-1@35.5, 12/5/2005 8:45:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00063	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	0.84	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	0.84	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00071	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	0.84	BOL0246	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	0.84	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0084	0.0042	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	0.84	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00084	0.00022	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	0.84	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.025	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	0.84	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0042	0.00044	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	0.84	BOL0246	ND	
Ethanol	ND	mg/kg	0.84	0.29	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	0.84	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00084	0.00014	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	0.84	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.17	0.13	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	0.84	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121	(LCL - UCL)	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	97.9	%	81 - 117	(LCL - UCL)	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	92.5	%	74 - 121	(LCL - UCL)	EPA-8260	12/05/05	12/06/05 05:05	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-07 | **Client Sample Name:** 0353, CB-1, CB-1@41.0, 12/5/2005 8:50:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0044	0.00065	EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	0.87	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0044	0.0010	EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	0.87	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0044	0.00074	EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	0.87	BOL0246	ND	
Toluene	0.0012	mg/kg	0.0044	0.0011	EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	0.87	BOL0246	ND	J
Total Xylenes	ND	mg/kg	0.0087	0.0044	EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	0.87	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00087	0.00023	EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	0.87	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.026	EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	0.87	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0044	0.00045	EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	0.87	BOL0246	ND	
Ethanol	ND	mg/kg	0.87	0.30	EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	0.87	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00087	0.00015	EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	0.87	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.17	0.14	EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	0.87	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	95.7	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	96.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 05:31	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-08 | **Client Sample Name:** 0353, CB-1, CB-1@46.5, 12/5/2005 8:55:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.0098	mg/kg	0.0041	0.00062	EPA-8260	12/05/05	12/06/05 05:57	car	MS-V3	0.82	BOL0246	ND	
Ethylbenzene	1.3	mg/kg	0.20	0.049	EPA-8260	12/05/05	12/13/05 16:28	car	MS-V3	40.60	BOL0246	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.0041	0.00070	EPA-8260	12/05/05	12/06/05 05:57	car	MS-V3	0.82	BOL0246	ND	
Toluene	2.0	mg/kg	0.20	0.053	EPA-8260	12/05/05	12/13/05 16:28	car	MS-V3	40.60	BOL0246	ND	A01
Total Xylenes	9.3	mg/kg	0.41	0.20	EPA-8260	12/05/05	12/13/05 16:28	car	MS-V3	40.60	BOL0246	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.00082	0.00021	EPA-8260	12/05/05	12/06/05 05:57	car	MS-V3	0.82	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.025	EPA-8260	12/05/05	12/06/05 05:57	car	MS-V3	0.82	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0041	0.00043	EPA-8260	12/05/05	12/06/05 05:57	car	MS-V3	0.82	BOL0246	ND	
Ethanol	ND	mg/kg	0.82	0.28	EPA-8260	12/05/05	12/06/05 05:57	car	MS-V3	0.82	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00082	0.00014	EPA-8260	12/05/05	12/06/05 05:57	car	MS-V3	0.82	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	43	mg/kg	8.1	6.5	EPA-8260	12/05/05	12/13/05 16:28	car	MS-V3	40.60	BOL0246	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121	(LCL - UCL)	EPA-8260	12/05/05	12/06/05 05:57	car	MS-V3	1	BOL0246		
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121	(LCL - UCL)	EPA-8260	12/05/05	12/13/05 16:28	car	MS-V3	40.60	BOL0246		A01
Toluene-d8 (Surrogate)	101	%	81 - 117	(LCL - UCL)	EPA-8260	12/05/05	12/13/05 16:28	car	MS-V3	40.60	BOL0246		A01
Toluene-d8 (Surrogate)	100	%	81 - 117	(LCL - UCL)	EPA-8260	12/05/05	12/06/05 05:57	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	98.7	%	74 - 121	(LCL - UCL)	EPA-8260	12/05/05	12/13/05 16:28	car	MS-V3	40.60	BOL0246		A01
4-Bromofluorobenzene (Surrogate)	98.2	%	74 - 121	(LCL - UCL)	EPA-8260	12/05/05	12/06/05 05:57	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-09 | **Client Sample Name:** 0353, CB-1, CB-1@51.5, 12/5/2005 9:00:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0048	0.00073	EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	0.97	BOL0246	ND	
Ethylbenzene	0.0039	mg/kg	0.0048	0.0012	EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	0.97	BOL0246	ND	J
Methyl t-butyl ether	0.0017	mg/kg	0.0048	0.00082	EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	0.97	BOL0246	ND	J
Toluene	0.0090	mg/kg	0.0048	0.0013	EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	0.97	BOL0246	ND	
Total Xylenes	0.054	mg/kg	0.0097	0.0048	EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	0.97	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00097	0.00025	EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	0.97	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.19	0.029	EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	0.97	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0048	0.00050	EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	0.97	BOL0246	ND	
Ethanol	ND	mg/kg	0.97	0.33	EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	0.97	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00097	0.00016	EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	0.97	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	0.37	mg/kg	0.19	0.16	EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	0.97	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	91.3	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 06:23	car	MS-V3	1	BOL0246		

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-10 | **Client Sample Name:** 0353, CB-1, CB-1@56.5, 12/5/2005 9:05:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0040	0.00060	EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	0.80	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0040	0.00096	EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	0.80	BOL0246	ND	
Methyl t-butyl ether	0.019	mg/kg	0.0040	0.00068	EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	0.80	BOL0246	ND	
Toluene	ND	mg/kg	0.0040	0.0010	EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	0.80	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0080	0.0040	EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	0.80	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00080	0.00021	EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	0.80	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	0.80	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0040	0.00042	EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	0.80	BOL0246	ND	
Ethanol	ND	mg/kg	0.80	0.27	EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	0.80	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00080	0.00014	EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	0.80	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.16	0.13	EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	0.80	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	98.4	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	95.1	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 06:49	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-11 | **Client Sample Name:** 0353, CB-1, CB-1@61.0, 12/5/2005 9:10:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0054	0.00081	EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0054	0.0013	EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246	ND	
Methyl t-butyl ether	0.00096	mg/kg	0.0054	0.00092	EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246	ND	J
Toluene	ND	mg/kg	0.0054	0.0014	EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.011	0.0054	EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0011	0.00028	EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.22	0.032	EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0054	0.00056	EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246	ND	
Ethanol	ND	mg/kg	1.1	0.37	EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0011	0.00018	EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.22	0.17	EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246		
Toluene-d8 (Surrogate)	96.2	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246		
4-Bromofluorobenzene (Surrogate)	94.8	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 07:15	car	MS-V3	1.08	BOL0246		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-12 | **Client Sample Name:** 0353, CB-1, CB-1@65.5, 12/5/2005 9:15:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0046	0.00069	EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	0.92	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0046	0.0011	EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	0.92	BOL0246	ND	
Methyl t-butyl ether	0.0016	mg/kg	0.0046	0.00078	EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	0.92	BOL0246	ND	J
Toluene	ND	mg/kg	0.0046	0.0012	EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	0.92	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0092	0.0046	EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	0.92	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00092	0.00024	EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	0.92	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.18	0.028	EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	0.92	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0046	0.00048	EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	0.92	BOL0246	ND	
Ethanol	ND	mg/kg	0.92	0.31	EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	0.92	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00092	0.00016	EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	0.92	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	0.16	mg/kg	0.18	0.15	EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	0.92	BOL0246	ND	J
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	91.5	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 07:41	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-13 | **Client Sample Name:** 0353, CB-1, CB-1@70.5, 12/5/2005 9:20:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0040	0.00061	EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	0.81	BOL0246	ND	
Ethylbenzene	0.051	mg/kg	0.0040	0.00097	EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	0.81	BOL0246	ND	
Methyl t-butyl ether	0.0040	mg/kg	0.0040	0.00069	EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	0.81	BOL0246	ND	
Toluene	0.021	mg/kg	0.0040	0.0011	EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	0.81	BOL0246	ND	
Total Xylenes	0.38	mg/kg	0.0081	0.0040	EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	0.81	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00081	0.00021	EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	0.81	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	0.81	BOL0246	ND	V11
Diisopropyl ether	ND	mg/kg	0.0040	0.00042	EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	0.81	BOL0246	ND	
Ethanol	ND	mg/kg	0.81	0.28	EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	0.81	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00081	0.00014	EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	0.81	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	14	mg/kg	4.3	3.5	EPA-8260	12/05/05	12/15/05 08:34	car	MS-V3	21.70	BOL0246	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/15/05 08:34	car	MS-V3	21.70	BOL0246		A01
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	99.0	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/15/05 08:34	car	MS-V3	21.70	BOL0246		A01
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	98.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/15/05 08:34	car	MS-V3	21.70	BOL0246		A01
4-Bromofluorobenzene (Surrogate)	97.1	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 08:07	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-14 | **Client Sample Name:** 0353, CB-1, CB-1@76.0, 12/5/2005 9:25:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0044	0.00066	EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	0.88	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0044	0.0011	EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	0.88	BOL0246	ND	
Methyl t-butyl ether	0.0093	mg/kg	0.0044	0.00075	EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	0.88	BOL0246	ND	
Toluene	ND	mg/kg	0.0044	0.0011	EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	0.88	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0088	0.0044	EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	0.88	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00088	0.00023	EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	0.88	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.18	0.026	EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	0.88	BOL0246	ND	
Diisopropyl ether	ND	mg/kg	0.0044	0.00046	EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	0.88	BOL0246	ND	
Ethanol	ND	mg/kg	0.88	0.30	EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	0.88	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00088	0.00015	EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	0.88	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.18	0.14	EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	0.88	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	98.1	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	94.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 11:35	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-15 | **Client Sample Name:** 0353, CB-2, CB-2@5.5, 12/5/2005 12:35:00PM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0040	0.00059	EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	0.79	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0040	0.00095	EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	0.79	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0040	0.00067	EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	0.79	BOL0246	ND	
Toluene	ND	mg/kg	0.0040	0.0010	EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	0.79	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0079	0.0040	EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	0.79	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00079	0.00021	EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	0.79	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	0.79	BOL0246	ND	
Diisopropyl ether	ND	mg/kg	0.0040	0.00041	EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	0.79	BOL0246	ND	
Ethanol	ND	mg/kg	0.79	0.27	EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	0.79	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00079	0.00013	EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	0.79	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.16	0.13	EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	0.79	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	98.1	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	96.5	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 23:15	car	MS-V3	1	BOL0246		

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-16 | **Client Sample Name:** 0353, CB-2, CB-2@10.5, 12/5/2005 12:40:00PM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0040	0.00061	EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	0.81	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0040	0.00097	EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	0.81	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0040	0.00069	EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	0.81	BOL0246	ND	
Toluene	ND	mg/kg	0.0040	0.0011	EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	0.81	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0081	0.0040	EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	0.81	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00081	0.00021	EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	0.81	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	0.81	BOL0246	ND	
Diisopropyl ether	ND	mg/kg	0.0040	0.00042	EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	0.81	BOL0246	ND	
Ethanol	ND	mg/kg	0.81	0.28	EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	0.81	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00081	0.00014	EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	0.81	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.16	0.13	EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	0.81	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	97.1	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	95.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/06/05 23:42	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-17 | **Client Sample Name:** 0353, CB-2, CB-2@15.5, 12/5/2005 12:45:00PM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00063	EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	0.84	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	0.84	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00071	EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	0.84	BOL0246	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	0.84	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0084	0.0042	EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	0.84	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00084	0.00022	EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	0.84	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.025	EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	0.84	BOL0246	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00044	EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	0.84	BOL0246	ND	
Ethanol	ND	mg/kg	0.84	0.29	EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	0.84	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00084	0.00014	EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	0.84	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.17	0.13	EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	0.84	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	98.1	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	96.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/07/05 00:08	car	MS-V3	1	BOL0246		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-18 | **Client Sample Name:** 0353, CB-2, CB-2@20.5, 12/5/2005 12:50:00PM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00063	EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	0.84	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	0.84	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00071	EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	0.84	BOL0246	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	0.84	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0084	0.0042	EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	0.84	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00084	0.00022	EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	0.84	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.025	EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	0.84	BOL0246	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00044	EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	0.84	BOL0246	ND	
Ethanol	ND	mg/kg	0.84	0.29	EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	0.84	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00084	0.00014	EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	0.84	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.17	0.13	EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	0.84	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	95.0	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	92.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/07/05 00:34	car	MS-V3	1	BOL0246		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-19 | **Client Sample Name:** 0353, CB-2, CB-2@25.5, 12/5/2005 12:55:00PM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00063	EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	0.84	BOL0246	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	0.84	BOL0246	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00071	EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	0.84	BOL0246	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	0.84	BOL0246	ND	
Total Xylenes	ND	mg/kg	0.0084	0.0042	EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	0.84	BOL0246	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00084	0.00022	EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	0.84	BOL0246	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.025	EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	0.84	BOL0246	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00044	EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	0.84	BOL0246	ND	
Ethanol	ND	mg/kg	0.84	0.29	EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	0.84	BOL0246	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00084	0.00014	EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	0.84	BOL0246	ND	
Total Purgeable Petroleum Hydrocarbons	0.53	mg/kg	0.17	0.13	EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	0.84	BOL0246	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	1	BOL0246		
Toluene-d8 (Surrogate)	97.9	%	81 - 117 (LCL - UCL)		EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	1	BOL0246		
4-Bromofluorobenzene (Surrogate)	93.5	%	74 - 121 (LCL - UCL)		EPA-8260	12/05/05	12/07/05 01:00	car	MS-V3	1	BOL0246		

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-20 | **Client Sample Name:** 0353, CB-2, CB-2@30.5, 12/5/2005 1:00:00PM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0041	0.00062	EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	0.82	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0041	0.00098	EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	0.82	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0041	0.00070	EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	0.82	BOL0247	ND	
Toluene	ND	mg/kg	0.0041	0.0011	EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	0.82	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.0082	0.0041	EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	0.82	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00082	0.00021	EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	0.82	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.025	EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	0.82	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0041	0.00043	EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	0.82	BOL0247	ND	
Ethanol	ND	mg/kg	0.82	0.28	EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	0.82	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00082	0.00014	EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	0.82	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	0.25	mg/kg	0.16	0.13	EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	0.82	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	97.9	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 01:26	car	MS-V3	1	BOL0247		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-21 | **Client Sample Name:** 0353, CB-2, CB-2@35.5, 12/5/2005 1:05:00PM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00062	EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	0.83	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	0.83	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00071	EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	0.83	BOL0247	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	0.83	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.0083	0.0042	EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	0.83	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00083	0.00022	EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	0.83	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.025	EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	0.83	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00043	EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	0.83	BOL0247	ND	
Ethanol	ND	mg/kg	0.83	0.28	EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	0.83	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00083	0.00014	EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	0.83	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	0.32	mg/kg	0.17	0.13	EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	0.83	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	98.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 01:52	car	MS-V3	1	BOL0247		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-22 | **Client Sample Name:** 0353, CB-2, CB-2@40.5, 12/5/2005 1:10:00PM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00062	EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	0.83	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	0.83	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00071	EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	0.83	BOL0247	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	0.83	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.0083	0.0042	EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	0.83	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00083	0.00022	EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	0.83	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.025	EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	0.83	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00043	EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	0.83	BOL0247	ND	
Ethanol	ND	mg/kg	0.83	0.28	EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	0.83	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00083	0.00014	EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	0.83	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	0.19	mg/kg	0.17	0.13	EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	0.83	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 02:18	car	MS-V3	1	BOL0247		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-23 | **Client Sample Name:** 0353, CB-3, CB-3@6.0, 12/5/2005 2:15:00PM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00062	EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	0.83	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	0.83	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00071	EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	0.83	BOL0247	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	0.83	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.0083	0.0042	EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	0.83	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00083	0.00022	EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	0.83	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.025	EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	0.83	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00043	EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	0.83	BOL0247	ND	
Ethanol	ND	mg/kg	0.83	0.28	EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	0.83	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00083	0.00014	EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	0.83	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.17	0.13	EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	0.83	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	96.1	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	91.5	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 02:44	car	MS-V3	1	BOL0247		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-24 | **Client Sample Name:** 0353, CB-3, CB-3@11.0, 12/5/2005 2:20:00PM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0056	0.00085	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0056	0.0014	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0056	0.00096	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247	ND	
Toluene	ND	mg/kg	0.0056	0.0015	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.011	0.0056	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0011	0.00029	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.23	0.034	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0056	0.00059	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247	ND	
Ethanol	ND	mg/kg	1.1	0.38	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0011	0.00019	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.23	0.18	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	84.4	%	70 - 121	(LCL - UCL)	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247		
Toluene-d8 (Surrogate)	101	%	81 - 117	(LCL - UCL)	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247		
4-Bromofluorobenzene (Surrogate)	90.4	%	74 - 121	(LCL - UCL)	EPA-8260	12/06/05	12/07/05 03:11	car	MS-V3	1.13	BOL0247		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-25 | **Client Sample Name:** 0353, CB-3, CB-3@16.0, 12/5/2005 2:25:00PM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0038	0.00057	EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	0.76	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0038	0.00091	EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	0.76	BOL0247	ND	
Methyl t-butyl ether	ND	mg/kg	0.0038	0.00065	EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	0.76	BOL0247	ND	
Toluene	ND	mg/kg	0.0038	0.00099	EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	0.76	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.0076	0.0038	EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	0.76	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00076	0.00020	EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	0.76	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.15	0.023	EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	0.76	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0038	0.00040	EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	0.76	BOL0247	ND	
Ethanol	ND	mg/kg	0.76	0.26	EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	0.76	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00076	0.00013	EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	0.76	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.15	0.12	EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	0.76	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	97.8	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	92.4	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 03:37	car	MS-V3	1	BOL0247		

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-26 | **Client Sample Name:** 0353, CB-1, CB-1@81.5, 12/5/2005 9:30:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00062	EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	0.83	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	0.83	BOL0247	ND	
Methyl t-butyl ether	0.11	mg/kg	0.0042	0.00071	EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	0.83	BOL0247	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	0.83	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.0083	0.0042	EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	0.83	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00083	0.00022	EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	0.83	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.025	EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	0.83	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00043	EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	0.83	BOL0247	ND	
Ethanol	ND	mg/kg	0.83	0.28	EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	0.83	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00083	0.00014	EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	0.83	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	0.25	mg/kg	0.17	0.13	EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	0.83	BOL0247	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	96.9	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	97.1	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/07/05 04:03	car	MS-V3	1	BOL0247		

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Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-27 | **Client Sample Name:** 0353, CB-1, CB-1@86.5, 12/5/2005 9:30:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.0014	mg/kg	0.0041	0.00062	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	0.82	BOL0247	ND	J
Ethylbenzene	ND	mg/kg	0.0041	0.00098	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	0.82	BOL0247	ND	
Methyl t-butyl ether	0.18	mg/kg	0.025	0.0042	EPA-8260	12/06/05	12/08/05 16:36	car	MS-V3	5	BOL0247	ND	A01
Toluene	0.0011	mg/kg	0.0041	0.0011	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	0.82	BOL0247	ND	J
Total Xylenes	ND	mg/kg	0.0082	0.0041	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	0.82	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00082	0.00021	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	0.82	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.025	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	0.82	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0041	0.00043	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	0.82	BOL0247	ND	
Ethanol	ND	mg/kg	0.82	0.28	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	0.82	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00082	0.00014	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	0.82	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	0.73	mg/kg	0.16	0.13	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	0.82	BOL0247	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121	(LCL - UCL)	EPA-8260	12/06/05	12/08/05 16:36	car	MS-V3	5	BOL0247		A01
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121	(LCL - UCL)	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	99.2	%	81 - 117	(LCL - UCL)	EPA-8260	12/06/05	12/08/05 16:36	car	MS-V3	5	BOL0247		A01
Toluene-d8 (Surrogate)	100	%	81 - 117	(LCL - UCL)	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	91.5	%	74 - 121	(LCL - UCL)	EPA-8260	12/06/05	12/08/05 16:36	car	MS-V3	5	BOL0247		A01
4-Bromofluorobenzene (Surrogate)	92.6	%	74 - 121	(LCL - UCL)	EPA-8260	12/06/05	12/07/05 04:29	car	MS-V3	1	BOL0247		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-28 | **Client Sample Name:** 0353, CB-1, CB-1@91.5, 12/5/2005 9:40:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.096	0.014	EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247	ND	A01
Ethylbenzene	ND	mg/kg	0.096	0.023	EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247	ND	A01
Methyl t-butyl ether	0.26	mg/kg	0.096	0.016	EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247	ND	A01
Toluene	ND	mg/kg	0.096	0.025	EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247	ND	A01
Total Xylenes	ND	mg/kg	0.19	0.096	EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.019	0.0050	EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247	ND	A01
t-Butyl alcohol	ND	mg/kg	3.8	0.58	EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247	ND	A01
Diisopropyl ether	ND	mg/kg	0.096	0.010	EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247	ND	A01
Ethanol	18	mg/kg	19	6.5	EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247	ND	J, A01
Ethyl t-butyl ether	ND	mg/kg	0.019	0.0033	EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247	ND	A01
Total Purgeable Petroleum Hydrocarbons	13	mg/kg	3.8	3.1	EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	98.8	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247		A01
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247		A01
4-Bromofluorobenzene (Surrogate)	98.9	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/13/05 16:01	car	MS-V3	19.20	BOL0247		A01

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-29 | **Client Sample Name:** 0353, CB-1, CB-1@96.5, 12/5/2005 9:45:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0040	0.00060	EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	0.80	BOL0247	ND	
Ethylbenzene	ND	mg/kg	0.0040	0.00096	EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	0.80	BOL0247	ND	
Methyl t-butyl ether	0.18	mg/kg	0.0040	0.00068	EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	0.80	BOL0247	ND	
Toluene	ND	mg/kg	0.0040	0.0010	EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	0.80	BOL0247	ND	
Total Xylenes	ND	mg/kg	0.0080	0.0040	EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	0.80	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00080	0.00021	EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	0.80	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	0.80	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0040	0.00042	EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	0.80	BOL0247	ND	
Ethanol	ND	mg/kg	0.80	0.27	EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	0.80	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00080	0.00014	EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	0.80	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	0.27	mg/kg	0.16	0.13	EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	0.80	BOL0247	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	99.2	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	95.7	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 13:32	car	MS-V3	1	BOL0247		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511898-30 | **Client Sample Name:** 0353, CB-1, CB-1@100.5, 12/5/2005 9:50:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0041	0.00062	EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	0.82	BOL0247	ND	
Ethylbenzene	0.0040	mg/kg	0.0041	0.00098	EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	0.82	BOL0247	ND	J
Methyl t-butyl ether	0.011	mg/kg	0.0041	0.00070	EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	0.82	BOL0247	ND	
Toluene	ND	mg/kg	0.0041	0.0011	EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	0.82	BOL0247	ND	
Total Xylenes	0.034	mg/kg	0.0082	0.0041	EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	0.82	BOL0247	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00082	0.00021	EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	0.82	BOL0247	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.025	EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	0.82	BOL0247	ND	
Diisopropyl ether	ND	mg/kg	0.0041	0.00043	EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	0.82	BOL0247	ND	
Ethanol	ND	mg/kg	0.82	0.28	EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	0.82	BOL0247	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00082	0.00014	EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	0.82	BOL0247	ND	
Total Purgeable Petroleum Hydrocarbons	0.44	mg/kg	0.16	0.13	EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	0.82	BOL0247	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	1	BOL0247		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	1	BOL0247		
4-Bromofluorobenzene (Surrogate)	97.3	%	74 - 121 (LCL - UCL)		EPA-8260	12/06/05	12/09/05 13:58	car	MS-V3	1	BOL0247		

TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BOL0246	BOL0246-MS1	Matrix Spike	ND	0.12979	0.12500	mg/kg		104		70 - 130	
		BOL0246-MSD1	Matrix Spike Duplicate	ND	0.12692	0.12500	mg/kg	1.94	102	20	70 - 130	
Toluene	BOL0246	BOL0246-MS1	Matrix Spike	ND	0.13002	0.12500	mg/kg		104		70 - 130	
		BOL0246-MSD1	Matrix Spike Duplicate	ND	0.12916	0.12500	mg/kg	0.966	103	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0246	BOL0246-MS1	Matrix Spike	ND	0.053580	0.050000	mg/kg		107		70 - 121	
		BOL0246-MSD1	Matrix Spike Duplicate	ND	0.053070	0.050000	mg/kg		106		70 - 121	
Toluene-d8 (Surrogate)	BOL0246	BOL0246-MS1	Matrix Spike	ND	0.049970	0.050000	mg/kg		99.9		81 - 117	
		BOL0246-MSD1	Matrix Spike Duplicate	ND	0.052360	0.050000	mg/kg		105		81 - 117	
4-Bromofluorobenzene (Surrogate)	BOL0246	BOL0246-MS1	Matrix Spike	ND	0.047340	0.050000	mg/kg		94.7		74 - 121	
		BOL0246-MSD1	Matrix Spike Duplicate	ND	0.047670	0.050000	mg/kg		95.3		74 - 121	
Benzene	BOL0247	BOL0247-MS1	Matrix Spike	ND	0.12984	0.12500	mg/kg		104		70 - 130	
		BOL0247-MSD1	Matrix Spike Duplicate	ND	0.13386	0.12500	mg/kg	2.84	107	20	70 - 130	
Toluene	BOL0247	BOL0247-MS1	Matrix Spike	ND	0.12399	0.12500	mg/kg		99.2		70 - 130	
		BOL0247-MSD1	Matrix Spike Duplicate	ND	0.12510	0.12500	mg/kg	0.803	100	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0247	BOL0247-MS1	Matrix Spike	ND	0.055050	0.050000	mg/kg		110		70 - 121	
		BOL0247-MSD1	Matrix Spike Duplicate	ND	0.055920	0.050000	mg/kg		112		70 - 121	
Toluene-d8 (Surrogate)	BOL0247	BOL0247-MS1	Matrix Spike	ND	0.048120	0.050000	mg/kg		96.2		81 - 117	
		BOL0247-MSD1	Matrix Spike Duplicate	ND	0.050620	0.050000	mg/kg		101		81 - 117	
4-Bromofluorobenzene (Surrogate)	BOL0247	BOL0247-MS1	Matrix Spike	ND	0.045960	0.050000	mg/kg		91.9		74 - 121	
		BOL0247-MSD1	Matrix Spike Duplicate	ND	0.048340	0.050000	mg/kg		96.7		74 - 121	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BOL0246	BOL0246-BS1	LCS	0.13231	0.12500	0.0050	mg/kg	106		70 - 130		
Toluene	BOL0246	BOL0246-BS1	LCS	0.13198	0.12500	0.0050	mg/kg	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0246	BOL0246-BS1	LCS	0.053910	0.050000		mg/kg	108		70 - 121		
Toluene-d8 (Surrogate)	BOL0246	BOL0246-BS1	LCS	0.050950	0.050000		mg/kg	102		81 - 117		
4-Bromofluorobenzene (Surrogate)	BOL0246	BOL0246-BS1	LCS	0.050530	0.050000		mg/kg	101		74 - 121		
Benzene	BOL0247	BOL0247-BS1	LCS	0.12615	0.12500	0.0050	mg/kg	101		70 - 130		
Toluene	BOL0247	BOL0247-BS1	LCS	0.12614	0.12500	0.0050	mg/kg	101		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0247	BOL0247-BS1	LCS	0.052770	0.050000		mg/kg	106		70 - 121		
Toluene-d8 (Surrogate)	BOL0247	BOL0247-BS1	LCS	0.052120	0.050000		mg/kg	104		81 - 117		
4-Bromofluorobenzene (Surrogate)	BOL0247	BOL0247-BS1	LCS	0.049550	0.050000		mg/kg	99.1		74 - 121		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BOL0246	BOL0246-BLK1	ND	mg/kg	0.0050	0.00075	
Ethylbenzene	BOL0246	BOL0246-BLK1	ND	mg/kg	0.0050	0.0012	
Methyl t-butyl ether	BOL0246	BOL0246-BLK1	ND	mg/kg	0.0050	0.00085	
Toluene	BOL0246	BOL0246-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BOL0246	BOL0246-BLK1	ND	mg/kg	0.010	0.0050	
t-Amyl Methyl ether	BOL0246	BOL0246-BLK1	ND	mg/kg	0.0010	0.00026	
t-Butyl alcohol	BOL0246	BOL0246-BLK1	ND	mg/kg	0.20	0.030	
Diisopropyl ether	BOL0246	BOL0246-BLK1	ND	mg/kg	0.0050	0.00052	
Ethanol	BOL0246	BOL0246-BLK1	ND	mg/kg	1.0	0.34	
Ethyl t-butyl ether	BOL0246	BOL0246-BLK1	ND	mg/kg	0.0010	0.00017	
Total Purgeable Petroleum Hydrocarbons	BOL0246	BOL0246-BLK1	ND	mg/kg	0.20	0.16	
1,2-Dichloroethane-d4 (Surrogate)	BOL0246	BOL0246-BLK1	112	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0246	BOL0246-BLK1	98.0	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0246	BOL0246-BLK1	99.0	%	74 - 121 (LCL - UCL)		
Benzene	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0050	0.00075	
Ethylbenzene	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0050	0.0012	
Methyl t-butyl ether	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0050	0.00085	
Toluene	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BOL0247	BOL0247-BLK1	ND	mg/kg	0.010	0.0050	
t-Amyl Methyl ether	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0010	0.00026	
t-Butyl alcohol	BOL0247	BOL0247-BLK1	ND	mg/kg	0.20	0.030	
Diisopropyl ether	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0050	0.00052	
Ethanol	BOL0247	BOL0247-BLK1	ND	mg/kg	1.0	0.34	
Ethyl t-butyl ether	BOL0247	BOL0247-BLK1	ND	mg/kg	0.0010	0.00017	
Total Purgeable Petroleum Hydrocarbons	BOL0247	BOL0247-BLK1	ND	mg/kg	0.20	0.16	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,2-Dichloroethane-d4 (Surrogate)	BOL0247	BOL0247-BLK1	105	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0247	BOL0247-BLK1	98.8	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0247	BOL0247-BLK1	91.2	%	74 - 121 (LCL - UCL)		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/19/05 13:10

Notes and Definitions

V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
J	Estimated value
A53	Chromatogram not typical of gasoline.
A01	PQL's and MDL's are raised due to sample dilution.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BC Laboratories, Inc

Date of Report: 12/20/2005

John Nordenstam

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 0353

BC Lab Number: 0512110

Enclosed are the results of analyses for samples received by the laboratory on 12/08/05 17:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

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BC Laboratories, Inc.

Chain of Custody Form

PLEASE COMPLETE: BCL QUOTE ID:

51643

Page 1 of 2

Report To:
Client: JRC
Attn: John Nordenstam
Street Address: 21 Technology Dr.
City, State, Zip: Irvine, CA 92618
Phone: 949-753-0101 Fax: 949-753-0114
Email Address:
Submittal #: 05-12110

Project #: 20-0948-11
Project Name: Fmr. 76 Station 0353
Project Code:
Sampler(s): Sean Owens

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Comments: Fuel Oxys = MTBE, TAME, ETBE, DIPE, TBA, Ethanol

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

Sample #	Description	Date Sampled	Time Sampled	TPH-G (8260B)	BTEX (8260B)	Fuel Oxys (8260B)	Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
-1	CB-6@ 5.0	12/8/05	0735	X	X	X	X						NV	
-2	CB-6@ 11.0		0750											
-3	CB-6@ 15.5		0755											
-4	CB-6@ 20.5		0800											
-5	CB-6@ 25.5		0805											
-6	CB-6@ 30.5		0810											
-7	CB-6@ 35.5		0815											
-8	CB-6@ 40.5		0820											
-9	CB-6@ 45.5		0823											
-10	CB-6@ 50.5		0830											
-11	CB-6@ 55.5		0835											
-12	CB-6@ 60.5		0840											
-13	CB-6@ 65.5		0845											
-14	CB-6@ 70.5		0850											

CHK BY [illegible]

DISTRIBUTION [illegible] SUB-OUT ☐

Billing ☐ Same as above

Client: ConocoPhillips Company
Address: 3611 S. Harbor Blvd.
City: Santa Ana State CA Zip
Attn: Shari London
PO#: 4711 TR010

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months

Special Reporting: ☐ QC ☐ WIP ☐ Raw Data

	Relinquished By	Date	Time	Received By	Date	Time
1.	Sean Owens	12/8/05		[illegible]	12-8-05	12:45
2.	[illegible]	12-8-05	2:32 pm	[illegible]	12-8-05	1132
3.	[illegible]	12-8-05	1715	[illegible]	12/8/5	1715

BC Laboratories, Inc.

Chain of Custody Form

PLEASE COMPLETE: BCL QUOTE ID:

44719

Report To:
Client: TRC
Attn: John Nordstrom
Street Address: 21 Technology Dr.
City, State, Zip: Irvine, CA 92618
Phone: 949-753-0101 Fax: 949-753-0111
Email Address:
Submittal #: OS-12110

Project #: 20-0948-01
Project Name: Fmr. 76 Stat. 0353
Project Code:
Sampler(s): Sean Owen

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Comments: Fuel Oxys = MTBE, TAME, ~~EtBE~~, EtBe, DIPE, TBA, Ethanol

Sample #	Description	Date Sampled	Time Sampled	TPH-G (8260B)	BTEX (8260B)	Fuel Oxys (8260B)	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
-15	CB-6@ 76.0	12/8/05	0855	X	X	X	X						NW.	
-16	CB-6@ 81.0		0900											
-17	CB-6@ 86.0		0905											
-18	CB-6@ 91.5		0910											
-19	CB-6@ 96.0		0915											
20	CB-6@ 101.0		0920											

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

Billing ☐ Same as above
Client: ConocoPhillips Company
Address: 3611 S. Harbor Blvd
City: Santa Ana State CA Zip
Attn: Shari London
PO#: 4711 TRC 010

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months

Special Reporting: ☐ QC ☐ WIP ☐ Raw Data

	Relinquished By	Date	Time	Received By	Date	Time
1.	Sean Owen	12/8/05		Andrew Johnson	12/8/05	12:45
2.	Andrew Johnson	12-8-05	2:32 PM		12-8-05	1932
3.		12-8-05	1715		12/8/05	1715

BC LABORATORIES INC. | SAMPLE RECEIPT FORM | Rev. No. 10 01/21/04 | Page 1 Of 2

Submission #: 05-12110 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID R1V
Temperature: 2.6 °C
Thermometer ID: 48
Emissivity 1.0
Container VOA
Date/Time 12/8
Analyst Init ARM

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE	A	A	A	A	A	A	A	A	A	A

Comments:

Sample Numbering Completed By: ARM Date/Time: 12/8 1940

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES INC. | SAMPLE RECEIPT FORM | Rev. No. 10 01/21/04 | Page 2 Of 2

Submission #: 05-12110 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID R1V Temperature: 2.6 °C Thermometer ID: 48 Emissivity 1.0 Container VOA Date/Time 12/8 Analyst Init ARM

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS			/							
PT TOTAL SULFIDE			/							
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504				/						
QT EPA 508/608/8080										
QT EPA 515.1/8150				/						
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE	A	A	A	A	A	A	A	A	A	A

Comments:

Sample Numbering Completed By: ARM Date/Time: 12/8 1840

[H:\DOCS\WP80\LAB DOCS\FORMS\SAMREC2.WPD]

TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/20/05 10:53

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0512110-01	**COC Number:**	---	**Receive Date:**	12/08/05 17:15	Delivery Work Order (LabW:	
	Project Number:	---	**Sampling Date:**	12/08/05 07:35	Global ID:	
	Sampling Location:	---	**Sample Depth:**	---	Matrix:	
	Sampling Point:	CB-6@5.0	**Sample Matrix:**	Solids	Samle QC Type (SACode):	
	Sampled By:	Sean Owens			Cooler ID:	
0512110-02	**COC Number:**	---	**Receive Date:**	12/08/05 17:15	Delivery Work Order (LabW:	
	Project Number:	---	**Sampling Date:**	12/08/05 07:50	Global ID:	
	Sampling Location:	---	**Sample Depth:**	---	Matrix:	
	Sampling Point:	CB-6@11.0	**Sample Matrix:**	Solids	Samle QC Type (SACode):	
	Sampled By:	Sean Owens			Cooler ID:	
0512110-03	**COC Number:**	---	**Receive Date:**	12/08/05 17:15	Delivery Work Order (LabW:	
	Project Number:	---	**Sampling Date:**	12/08/05 07:55	Global ID:	
	Sampling Location:	---	**Sample Depth:**	---	Matrix:	
	Sampling Point:	CB-6@15.5	**Sample Matrix:**	Solids	Samle QC Type (SACode):	
	Sampled By:	Sean Owens			Cooler ID:	
0512110-04	**COC Number:**	---	**Receive Date:**	12/08/05 17:15	Delivery Work Order (LabW:	
	Project Number:	---	**Sampling Date:**	12/08/05 08:00	Global ID:	
	Sampling Location:	---	**Sample Depth:**	---	Matrix:	
	Sampling Point:	CB-6@20.5	**Sample Matrix:**	Solids	Samle QC Type (SACode):	
	Sampled By:	Sean Owens			Cooler ID:	
0512110-05	**COC Number:**	---	**Receive Date:**	12/08/05 17:15	Delivery Work Order (LabW:	
	Project Number:	---	**Sampling Date:**	12/08/05 08:05	Global ID:	
	Sampling Location:	---	**Sample Depth:**	---	Matrix:	
	Sampling Point:	CB-6@25.5	**Sample Matrix:**	Solids	Samle QC Type (SACode):	
	Sampled By:	Sean Owens			Cooler ID:	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/20/05 10:53

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512110-06	**COC Number:** ---		**Receive Date:** 12/08/05 17:15		Delivery Work Order (LabW:
	Project Number: ---		**Sampling Date:** 12/08/05 08:10		Global ID:
	Sampling Location: ---		**Sample Depth:** ---		Matrix:
	Sampling Point: CB-6@30.5		**Sample Matrix:** Solids		Samle QC Type (SACode):
	Sampled By: Sean Owens				Cooler ID:
0512110-07	**COC Number:** ---		**Receive Date:** 12/08/05 17:15		Delivery Work Order (LabW:
	Project Number: ---		**Sampling Date:** 12/08/05 08:15		Global ID:
	Sampling Location: ---		**Sample Depth:** ---		Matrix:
	Sampling Point: CB-6@35.5		**Sample Matrix:** Solids		Samle QC Type (SACode):
	Sampled By: Sean Owens				Cooler ID:
0512110-08	**COC Number:** ---		**Receive Date:** 12/08/05 17:15		Delivery Work Order (LabW:
	Project Number: ---		**Sampling Date:** 12/08/05 08:20		Global ID:
	Sampling Location: ---		**Sample Depth:** ---		Matrix:
	Sampling Point: CB-6@40.5		**Sample Matrix:** Solids		Samle QC Type (SACode):
	Sampled By: Sean Owens				Cooler ID:
0512110-09	**COC Number:** ---		**Receive Date:** 12/08/05 17:15		Delivery Work Order (LabW:
	Project Number: ---		**Sampling Date:** 12/08/05 08:23		Global ID:
	Sampling Location: ---		**Sample Depth:** ---		Matrix:
	Sampling Point: CB-6@45.5		**Sample Matrix:** Solids		Samle QC Type (SACode):
	Sampled By: Sean Owens				Cooler ID:
0512110-10	**COC Number:** ---		**Receive Date:** 12/08/05 17:15		Delivery Work Order (LabW:
	Project Number: ---		**Sampling Date:** 12/08/05 08:30		Global ID:
	Sampling Location: ---		**Sample Depth:** ---		Matrix:
	Sampling Point: CB-6@50.5		**Sample Matrix:** Solids		Samle QC Type (SACode):
	Sampled By: Sean Owens				Cooler ID:

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/20/05 10:53

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512110-11	**COC Number:** ---	**Receive Date:** 12/08/05 17:15	Delivery Work Order (LabW:
	Project Number: ---	**Sampling Date:** 12/08/05 08:35	Global ID:
	Sampling Location: ---	**Sample Depth:** ---	Matrix:
	Sampling Point: CB-6@55.5	**Sample Matrix:** Solids	Samle QC Type (SACode):
	Sampled By: Sean Owens		Cooler ID:
0512110-12	**COC Number:** ---	**Receive Date:** 12/08/05 17:15	Delivery Work Order (LabW:
	Project Number: ---	**Sampling Date:** 12/08/05 08:40	Global ID:
	Sampling Location: ---	**Sample Depth:** ---	Matrix:
	Sampling Point: CB-6@60.5	**Sample Matrix:** Solids	Samle QC Type (SACode):
	Sampled By: Sean Owens		Cooler ID:
0512110-13	**COC Number:** ---	**Receive Date:** 12/08/05 17:15	Delivery Work Order (LabW:
	Project Number: ---	**Sampling Date:** 12/08/05 08:45	Global ID:
	Sampling Location: ---	**Sample Depth:** ---	Matrix:
	Sampling Point: CB-6@65.5	**Sample Matrix:** Solids	Samle QC Type (SACode):
	Sampled By: Sean Owens		Cooler ID:
0512110-14	**COC Number:** ---	**Receive Date:** 12/08/05 17:15	Delivery Work Order (LabW:
	Project Number: ---	**Sampling Date:** 12/08/05 08:50	Global ID:
	Sampling Location: ---	**Sample Depth:** ---	Matrix:
	Sampling Point: CB-6@70.5	**Sample Matrix:** Solids	Samle QC Type (SACode):
	Sampled By: Sean Owens		Cooler ID:
0512110-15	**COC Number:** ---	**Receive Date:** 12/08/05 17:15	Delivery Work Order (LabW:
	Project Number: ---	**Sampling Date:** 12/08/05 08:55	Global ID:
	Sampling Location: ---	**Sample Depth:** ---	Matrix:
	Sampling Point: CB-6@76.0	**Sample Matrix:** Solids	Samle QC Type (SACode):
	Sampled By: Sean Owens		Cooler ID:

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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512110-16	**COC Number:** ---	**Receive Date:** 12/08/05 17:15	Delivery Work Order (LabW:
	Project Number: ---	**Sampling Date:** 12/08/05 09:00	Global ID:
	Sampling Location: ---	**Sample Depth:** ---	Matrix:
	Sampling Point: CB-6@81.0	**Sample Matrix:** Solids	Samle QC Type (SACode):
	Sampled By: Sean Owens		Cooler ID:
0512110-17	**COC Number:** ---	**Receive Date:** 12/08/05 17:15	Delivery Work Order (LabW:
	Project Number: ---	**Sampling Date:** 12/08/05 09:05	Global ID:
	Sampling Location: ---	**Sample Depth:** ---	Matrix:
	Sampling Point: CB-6@86.0	**Sample Matrix:** Solids	Samle QC Type (SACode):
	Sampled By: Sean Owens		Cooler ID:
0512110-18	**COC Number:** ---	**Receive Date:** 12/08/05 17:15	Delivery Work Order (LabW:
	Project Number: ---	**Sampling Date:** 12/08/05 09:10	Global ID:
	Sampling Location: ---	**Sample Depth:** ---	Matrix:
	Sampling Point: CB-6@91.5	**Sample Matrix:** Solids	Samle QC Type (SACode):
	Sampled By: Sean Owens		Cooler ID:
0512110-19	**COC Number:** ---	**Receive Date:** 12/08/05 17:15	Delivery Work Order (LabW:
	Project Number: ---	**Sampling Date:** 12/08/05 09:15	Global ID:
	Sampling Location: ---	**Sample Depth:** ---	Matrix:
	Sampling Point: CB-6@96.0	**Sample Matrix:** Solids	Samle QC Type (SACode):
	Sampled By: Sean Owens		Cooler ID:
0512110-20	**COC Number:** ---	**Receive Date:** 12/08/05 17:15	Delivery Work Order (LabW:
	Project Number: ---	**Sampling Date:** 12/08/05 09:20	Global ID:
	Sampling Location: ---	**Sample Depth:** ---	Matrix:
	Sampling Point: CB-6@101.0	**Sample Matrix:** Solids	Samle QC Type (SACode):
	Sampled By: Sean Owens		Cooler ID:

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-01 | **Client Sample Name:** CB-6@5.0, 12/8/2005 7:35:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.00062	mg/kg	0.0041	0.00062	EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	0.82	BOL0669	ND	J
Ethylbenzene	ND	mg/kg	0.0041	0.00098	EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	0.82	BOL0669	ND	
Methyl t-butyl ether	ND	mg/kg	0.0041	0.00070	EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	0.82	BOL0669	ND	
Toluene	ND	mg/kg	0.0041	0.0011	EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	0.82	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0082	0.0041	EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	0.82	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00082	0.00021	EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	0.82	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.025	EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	0.82	BOL0669	ND	V11
Diisopropyl ether	ND	mg/kg	0.0041	0.00043	EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	0.82	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.82	0.28	EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	0.82	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00082	0.00014	EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	0.82	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.16	0.13	EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	0.82	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.4	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	97.9	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 18:36	car	MS-V3	1	BOL0669		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-02 | **Client Sample Name:** CB-6@11.0, 12/8/2005 7:50:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0052	0.00079	EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0052	0.0013	EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669	ND	
Methyl t-butyl ether	ND	mg/kg	0.0052	0.00089	EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669	ND	
Toluene	ND	mg/kg	0.0052	0.0014	EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.010	0.0052	EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010	0.00027	EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.21	0.032	EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669	ND	V11
Diisopropyl ether	ND	mg/kg	0.0052	0.00055	EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669	ND	V11
Ethanol	ND	mg/kg	1.0	0.36	EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010	0.00018	EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.21	0.17	EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	90.9	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669		
4-Bromofluorobenzene (Surrogate)	99.8	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 19:02	car	MS-V3	1.05	BOL0669		

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Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-03 | **Client Sample Name:** CB-6@15.5, 12/8/2005 7:55:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0045	0.00068	EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	0.90	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0045	0.0011	EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	0.90	BOL0669	ND	
Methyl t-butyl ether	ND	mg/kg	0.0045	0.00076	EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	0.90	BOL0669	ND	
Toluene	ND	mg/kg	0.0045	0.0012	EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	0.90	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0090	0.0045	EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	0.90	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00090	0.00023	EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	0.90	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.18	0.027	EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	0.90	BOL0669	ND	V11
Diisopropyl ether	ND	mg/kg	0.0045	0.00047	EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	0.90	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.90	0.31	EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	0.90	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00090	0.00015	EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	0.90	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.18	0.14	EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	0.90	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	86.5	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	97.6	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 19:28	car	MS-V3	1	BOL0669		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-04 | **Client Sample Name:** CB-6@20.5, 12/8/2005 8:00:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0044	0.00065	EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	0.87	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0044	0.0010	EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	0.87	BOL0669	ND	
Methyl t-butyl ether	ND	mg/kg	0.0044	0.00074	EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	0.87	BOL0669	ND	
Toluene	ND	mg/kg	0.0044	0.0011	EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	0.87	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0087	0.0044	EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	0.87	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00087	0.00023	EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	0.87	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.026	EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	0.87	BOL0669	ND	V11
Diisopropyl ether	ND	mg/kg	0.0044	0.00045	EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	0.87	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.87	0.30	EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	0.87	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00087	0.00015	EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	0.87	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	0.22	mg/kg	0.17	0.14	EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	0.87	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	93.6	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	96.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 19:54	car	MS-V3	1	BOL0669		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-05 | **Client Sample Name:** CB-6@25.5, 12/8/2005 8:05:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00064	EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	0.85	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0042	0.0010	EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	0.85	BOL0669	ND	
Methyl t-butyl ether	ND	mg/kg	0.0042	0.00072	EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	0.85	BOL0669	ND	
Toluene	ND	mg/kg	0.0042	0.0011	EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	0.85	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0085	0.0042	EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	0.85	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00085	0.00022	EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	0.85	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.026	EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	0.85	BOL0669	ND	V11
Diisopropyl ether	ND	mg/kg	0.0042	0.00044	EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	0.85	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.85	0.29	EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	0.85	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00085	0.00014	EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	0.85	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.17	0.14	EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	0.85	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.4	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	98.3	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 20:21	car	MS-V3	1	BOL0669		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-06 | **Client Sample Name:** CB-6@30.5, 12/8/2005 8:10:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0046	0.00069	EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	0.92	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0046	0.0011	EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	0.92	BOL0669	ND	
Methyl t-butyl ether	ND	mg/kg	0.0046	0.00078	EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	0.92	BOL0669	ND	
Toluene	ND	mg/kg	0.0046	0.0012	EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	0.92	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0092	0.0046	EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	0.92	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00092	0.00024	EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	0.92	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.18	0.028	EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	0.92	BOL0669	ND	V11
Diisopropyl ether	ND	mg/kg	0.0046	0.00048	EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	0.92	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.92	0.31	EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	0.92	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00092	0.00016	EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	0.92	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.18	0.15	EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	0.92	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	98.3	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 20:46	car	MS-V3	1	BOL0669		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-07 **Client Sample Name:** CB-6@35.5, 12/8/2005 8:15:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0045	0.00068	EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	0.90	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0045	0.0011	EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	0.90	BOL0669	ND	
Methyl t-butyl ether	ND	mg/kg	0.0045	0.00076	EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	0.90	BOL0669	ND	
Toluene	ND	mg/kg	0.0045	0.0012	EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	0.90	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0090	0.0045	EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	0.90	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00090	0.00023	EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	0.90	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.18	0.027	EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	0.90	BOL0669	ND	V11
Diisopropyl ether	ND	mg/kg	0.0045	0.00047	EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	0.90	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.90	0.31	EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	0.90	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00090	0.00015	EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	0.90	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.18	0.14	EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	0.90	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.6	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	98.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 21:13	car	MS-V3	1	BOL0669		

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21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-08 | **Client Sample Name:** CB-6@40.5, 12/8/2005 8:20:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0045	0.00068	EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	0.90	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0045	0.0011	EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	0.90	BOL0669	ND	
Methyl t-butyl ether	ND	mg/kg	0.0045	0.00076	EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	0.90	BOL0669	ND	
Toluene	ND	mg/kg	0.0045	0.0012	EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	0.90	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0090	0.0045	EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	0.90	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00090	0.00023	EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	0.90	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.18	0.027	EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	0.90	BOL0669	ND	V11
Diisopropyl ether	ND	mg/kg	0.0045	0.00047	EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	0.90	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.90	0.31	EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	0.90	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00090	0.00015	EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	0.90	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.18	0.14	EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	0.90	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.6	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	97.3	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 21:39	car	MS-V3	1	BOL0669		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-09 | **Client Sample Name:** CB-6@45.5, 12/8/2005 8:23:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.0044	mg/kg	0.0040	0.00060	EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	0.80	BOL0669	ND	
Ethylbenzene	0.036	mg/kg	0.0040	0.00096	EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	0.80	BOL0669	ND	
Methyl t-butyl ether	0.00074	mg/kg	0.0040	0.00068	EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	0.80	BOL0669	ND	J
Toluene	0.084	mg/kg	0.0040	0.0010	EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	0.80	BOL0669	ND	
Total Xylenes	0.34	mg/kg	0.0080	0.0040	EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	0.80	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00080	0.00021	EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	0.80	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	0.80	BOL0669	ND	V11
Diisopropyl ether	ND	mg/kg	0.0040	0.00042	EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	0.80	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.80	0.27	EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	0.80	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00080	0.00014	EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	0.80	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	1.1	mg/kg	0.16	0.13	EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	0.80	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.4	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	98.7	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	97.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 22:05	car	MS-V3	1	BOL0669		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-10 | **Client Sample Name:** CB-6@50.5, 12/8/2005 8:30:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.00061	mg/kg	0.0040	0.00060	EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	0.80	BOL0669	ND	J
Ethylbenzene	0.0026	mg/kg	0.0040	0.00096	EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	0.80	BOL0669	ND	J
Methyl t-butyl ether	0.0012	mg/kg	0.0040	0.00068	EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	0.80	BOL0669	ND	J
Toluene	0.0083	mg/kg	0.0040	0.0010	EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	0.80	BOL0669	ND	
Total Xylenes	0.033	mg/kg	0.0080	0.0040	EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	0.80	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00080	0.00021	EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	0.80	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	0.80	BOL0669	ND	V11
Diisopropyl ether	ND	mg/kg	0.0040	0.00042	EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	0.80	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.80	0.27	EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	0.80	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00080	0.00014	EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	0.80	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	0.27	mg/kg	0.16	0.13	EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	0.80	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.7	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	97.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/14/05 22:31	car	MS-V3	1	BOL0669		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-11 | **Client Sample Name:** CB-6@55.5, 12/8/2005 8:35:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.0049	mg/kg	0.0040	0.00059	EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	0.79	BOL0669	ND	
Ethylbenzene	0.059	mg/kg	0.0040	0.00095	EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	0.79	BOL0669	ND	
Methyl t-butyl ether	0.010	mg/kg	0.0040	0.00067	EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	0.79	BOL0669	ND	
Toluene	0.12	mg/kg	0.0040	0.0010	EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	0.79	BOL0669	ND	
Total Xylenes	0.44	mg/kg	0.0079	0.0040	EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	0.79	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00079	0.00021	EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	0.79	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	0.79	BOL0669	ND	
Diisopropyl ether	ND	mg/kg	0.0040	0.00041	EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	0.79	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.79	0.27	EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	0.79	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00079	0.00013	EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	0.79	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	9.6	mg/kg	4.1	3.3	EPA-8260	12/09/05	12/16/05 21:28	car	MS-V3	20.50	BOL0669	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	99.0	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 21:28	car	MS-V3	20.50	BOL0669		A01
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 21:28	car	MS-V3	20.50	BOL0669		A01
4-Bromofluorobenzene (Surrogate)	97.9	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 21:28	car	MS-V3	20.50	BOL0669		A01
4-Bromofluorobenzene (Surrogate)	99.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 09:26	car	MS-V3	1	BOL0669		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-12 | **Client Sample Name:** CB-6@60.5, 12/8/2005 8:40:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0052	0.00078	EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669	ND	
Ethylbenzene	0.0016	mg/kg	0.0052	0.0012	EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669	ND	J
Methyl t-butyl ether	0.0013	mg/kg	0.0052	0.00088	EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669	ND	J
Toluene	0.0030	mg/kg	0.0052	0.0014	EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669	ND	J
Total Xylenes	0.010	mg/kg	0.010	0.0052	EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0010	0.00027	EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.21	0.031	EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669	ND	
Diisopropyl ether	ND	mg/kg	0.0052	0.00054	EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669	ND	V11
Ethanol	ND	mg/kg	1.0	0.35	EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0010	0.00018	EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.21	0.17	EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	96.9	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669		
Toluene-d8 (Surrogate)	98.0	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669		
4-Bromofluorobenzene (Surrogate)	96.4	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 09:52	car	MS-V3	1.04	BOL0669		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-13 | **Client Sample Name:** CB-6@65.5, 12/8/2005 8:45:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0042	0.00062	EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	0.83	BOL0669	ND	
Ethylbenzene	0.0037	mg/kg	0.0042	0.0010	EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	0.83	BOL0669	ND	J
Methyl t-butyl ether	0.0017	mg/kg	0.0042	0.00071	EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	0.83	BOL0669	ND	J
Toluene	0.0064	mg/kg	0.0042	0.0011	EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	0.83	BOL0669	ND	
Total Xylenes	0.028	mg/kg	0.0083	0.0042	EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	0.83	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00083	0.00022	EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	0.83	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.025	EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	0.83	BOL0669	ND	
Diisopropyl ether	ND	mg/kg	0.0042	0.00043	EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	0.83	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.83	0.28	EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	0.83	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00083	0.00014	EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	0.83	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	0.27	mg/kg	0.17	0.13	EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	0.83	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.2	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 10:18	car	MS-V3	1	BOL0669		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-14 | **Client Sample Name:** CB-6@70.5, 12/8/2005 8:50:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0044	0.00065	EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	0.87	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0044	0.0010	EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	0.87	BOL0669	ND	
Methyl t-butyl ether	ND	mg/kg	0.0044	0.00074	EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	0.87	BOL0669	ND	
Toluene	ND	mg/kg	0.0044	0.0011	EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	0.87	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0087	0.0044	EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	0.87	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00087	0.00023	EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	0.87	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.026	EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	0.87	BOL0669	ND	
Diisopropyl ether	ND	mg/kg	0.0044	0.00045	EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	0.87	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.87	0.30	EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	0.87	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00087	0.00015	EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	0.87	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	0.22	mg/kg	0.17	0.14	EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	0.87	BOL0669	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	95.5	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	96.8	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 10:45	car	MS-V3	1	BOL0669		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-15 | **Client Sample Name:** CB-6@76.0, 12/8/2005 8:55:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0044	0.00065	EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	0.87	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0044	0.0010	EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	0.87	BOL0669	ND	
Methyl t-butyl ether	0.028	mg/kg	0.0044	0.00074	EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	0.87	BOL0669	ND	
Toluene	ND	mg/kg	0.0044	0.0011	EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	0.87	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0087	0.0044	EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	0.87	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00087	0.00023	EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	0.87	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.026	EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	0.87	BOL0669	ND	
Diisopropyl ether	ND	mg/kg	0.0044	0.00045	EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	0.87	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.87	0.30	EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	0.87	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00087	0.00015	EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	0.87	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	0.15	mg/kg	0.17	0.14	EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	0.87	BOL0669	ND	A53, J
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	96.5	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	94.5	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 11:11	car	MS-V3	1	BOL0669		

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Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-16 **Client Sample Name:** CB-6@81.0, 12/8/2005 9:00:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0039	0.00058	EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	0.78	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0039	0.00094	EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	0.78	BOL0669	ND	
Methyl t-butyl ether	0.24	mg/kg	0.0039	0.00066	EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	0.78	BOL0669	ND	
Toluene	ND	mg/kg	0.0039	0.0010	EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	0.78	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0078	0.0039	EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	0.78	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00078	0.00020	EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	0.78	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.023	EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	0.78	BOL0669	ND	
Diisopropyl ether	ND	mg/kg	0.0039	0.00041	EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	0.78	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.78	0.27	EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	0.78	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00078	0.00013	EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	0.78	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	0.33	mg/kg	0.16	0.12	EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	0.78	BOL0669	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	93.0	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	102	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 11:37	car	MS-V3	1	BOL0669		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-17 | **Client Sample Name:** CB-6@86.0, 12/8/2005 9:05:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0044	0.00065	EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	0.87	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0044	0.0010	EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	0.87	BOL0669	ND	
Methyl t-butyl ether	0.32	mg/kg	0.0044	0.00074	EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	0.87	BOL0669	ND	
Toluene	ND	mg/kg	0.0044	0.0011	EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	0.87	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0087	0.0044	EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	0.87	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00087	0.00023	EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	0.87	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.026	EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	0.87	BOL0669	ND	
Diisopropyl ether	ND	mg/kg	0.0044	0.00045	EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	0.87	BOL0669	ND	
Ethanol	ND	mg/kg	0.87	0.30	EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	0.87	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00087	0.00015	EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	0.87	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	0.42	mg/kg	0.17	0.14	EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	0.87	BOL0669	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	88.9	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	99.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 04:10	car	MS-V3	1	BOL0669		

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Project Number: [none]
Project Manager: John Nordenstam

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-18 | **Client Sample Name:** CB-6@91.5, 12/8/2005 9:10:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0038	0.00056	EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	0.75	BOL0670	ND	
Ethylbenzene	ND	mg/kg	0.0038	0.00090	EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	0.75	BOL0670	ND	
Methyl t-butyl ether	0.35	mg/kg	0.093	0.016	EPA-8260	12/09/05	12/16/05 20:35	car	MS-V3	18.60	BOL0670	ND	A01
Toluene	ND	mg/kg	0.0038	0.00098	EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	0.75	BOL0670	ND	
Total Xylenes	ND	mg/kg	0.0075	0.0038	EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	0.75	BOL0670	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00075	0.00020	EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	0.75	BOL0670	ND	
t-Butyl alcohol	ND	mg/kg	0.15	0.022	EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	0.75	BOL0670	ND	
Diisopropyl ether	ND	mg/kg	0.0038	0.00039	EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	0.75	BOL0670	ND	
Ethanol	ND	mg/kg	0.75	0.26	EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	0.75	BOL0670	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00075	0.00013	EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	0.75	BOL0670	ND	
Total Purgeable Petroleum Hydrocarbons	0.45	mg/kg	0.15	0.12	EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	0.75	BOL0670	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	98.9	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	1	BOL0670		
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 20:35	car	MS-V3	18.60	BOL0670		A01
Toluene-d8 (Surrogate)	98.4	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	1	BOL0670		
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 20:35	car	MS-V3	18.60	BOL0670		A01
4-Bromofluorobenzene (Surrogate)	98.1	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 20:35	car	MS-V3	18.60	BOL0670		A01
4-Bromofluorobenzene (Surrogate)	99.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 04:37	car	MS-V3	1	BOL0670		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-19 | **Client Sample Name:** CB-6@96.0, 12/8/2005 9:15:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0038	0.00056	EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	0.75	BOL0670	ND	
Ethylbenzene	ND	mg/kg	0.0038	0.00090	EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	0.75	BOL0670	ND	
Methyl t-butyl ether	0.41	mg/kg	0.091	0.015	EPA-8260	12/09/05	12/16/05 21:01	car	MS-V3	18.20	BOL0670	ND	A01
Toluene	ND	mg/kg	0.0038	0.00098	EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	0.75	BOL0670	ND	
Total Xylenes	ND	mg/kg	0.0075	0.0038	EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	0.75	BOL0670	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00075	0.00020	EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	0.75	BOL0670	ND	
t-Butyl alcohol	ND	mg/kg	0.15	0.022	EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	0.75	BOL0670	ND	
Diisopropyl ether	ND	mg/kg	0.0038	0.00039	EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	0.75	BOL0670	ND	
Ethanol	ND	mg/kg	0.75	0.26	EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	0.75	BOL0670	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00075	0.00013	EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	0.75	BOL0670	ND	
Total Purgeable Petroleum Hydrocarbons	0.45	mg/kg	0.15	0.12	EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	0.75	BOL0670	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	98.8	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	1	BOL0670		
1,2-Dichloroethane-d4 (Surrogate)	97.5	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 21:01	car	MS-V3	18.20	BOL0670		A01
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	1	BOL0670		
Toluene-d8 (Surrogate)	98.5	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 21:01	car	MS-V3	18.20	BOL0670		A01
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 21:01	car	MS-V3	18.20	BOL0670		A01
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 05:03	car	MS-V3	1	BOL0670		

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Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512110-20 | **Client Sample Name:** CB-6@101.0, 12/8/2005 9:20:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0039	0.00058	EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	0.78	BOL0670	ND	
Ethylbenzene	ND	mg/kg	0.0039	0.00094	EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	0.78	BOL0670	ND	
Methyl t-butyl ether	0.087	mg/kg	0.0039	0.00066	EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	0.78	BOL0670	ND	
Toluene	ND	mg/kg	0.0039	0.0010	EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	0.78	BOL0670	ND	
Total Xylenes	ND	mg/kg	0.0078	0.0039	EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	0.78	BOL0670	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00078	0.00020	EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	0.78	BOL0670	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.023	EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	0.78	BOL0670	ND	
Diisopropyl ether	ND	mg/kg	0.0039	0.00041	EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	0.78	BOL0670	ND	
Ethanol	ND	mg/kg	0.78	0.27	EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	0.78	BOL0670	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00078	0.00013	EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	0.78	BOL0670	ND	
Total Purgeable Petroleum Hydrocarbons	0.18	mg/kg	0.16	0.12	EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	0.78	BOL0670	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	98.3	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	1	BOL0670		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	1	BOL0670		
4-Bromofluorobenzene (Surrogate)	98.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 05:29	car	MS-V3	1	BOL0670		

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BOL0669	BOL0669-MS1	Matrix Spike	ND	0.12793	0.12500	mg/kg		102		70 - 130	
		BOL0669-MSD1	Matrix Spike Duplicate	ND	0.11701	0.12500	mg/kg	8.59	93.6	20	70 - 130	
Toluene	BOL0669	BOL0669-MS1	Matrix Spike	ND	0.13730	0.12500	mg/kg		110		70 - 130	
		BOL0669-MSD1	Matrix Spike Duplicate	ND	0.12766	0.12500	mg/kg	7.55	102	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0669	BOL0669-MS1	Matrix Spike	ND	0.048830	0.050000	mg/kg		97.7		70 - 121	
		BOL0669-MSD1	Matrix Spike Duplicate	ND	0.050570	0.050000	mg/kg		101		70 - 121	
Toluene-d8 (Surrogate)	BOL0669	BOL0669-MS1	Matrix Spike	ND	0.050760	0.050000	mg/kg		102		81 - 117	
		BOL0669-MSD1	Matrix Spike Duplicate	ND	0.051940	0.050000	mg/kg		104		81 - 117	
4-Bromofluorobenzene (Surrogate)	BOL0669	BOL0669-MS1	Matrix Spike	ND	0.049340	0.050000	mg/kg		98.7		74 - 121	
		BOL0669-MSD1	Matrix Spike Duplicate	ND	0.048390	0.050000	mg/kg		96.8		74 - 121	
Benzene	BOL0670	BOL0670-MS1	Matrix Spike	ND	0.11299	0.12500	mg/kg		90.4		70 - 130	
		BOL0670-MSD1	Matrix Spike Duplicate	ND	0.11624	0.12500	mg/kg	2.84	93.0	20	70 - 130	
Toluene	BOL0670	BOL0670-MS1	Matrix Spike	ND	0.12186	0.12500	mg/kg		97.5		70 - 130	
		BOL0670-MSD1	Matrix Spike Duplicate	ND	0.11395	0.12500	mg/kg	6.68	91.2	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0670	BOL0670-MS1	Matrix Spike	ND	0.046640	0.050000	mg/kg		93.3		70 - 121	
		BOL0670-MSD1	Matrix Spike Duplicate	ND	0.050810	0.050000	mg/kg		102		70 - 121	
Toluene-d8 (Surrogate)	BOL0670	BOL0670-MS1	Matrix Spike	ND	0.049660	0.050000	mg/kg		99.3		81 - 117	
		BOL0670-MSD1	Matrix Spike Duplicate	ND	0.049860	0.050000	mg/kg		99.7		81 - 117	
4-Bromofluorobenzene (Surrogate)	BOL0670	BOL0670-MS1	Matrix Spike	ND	0.048630	0.050000	mg/kg		97.3		74 - 121	
		BOL0670-MSD1	Matrix Spike Duplicate	ND	0.049200	0.050000	mg/kg		98.4		74 - 121	

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BOL0669	BOL0669-BS1	LCS	0.12412	0.12500	0.0050	mg/kg	99.3		70 - 130		
Toluene	BOL0669	BOL0669-BS1	LCS	0.12565	0.12500	0.0050	mg/kg	101		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0669	BOL0669-BS1	LCS	0.048840	0.050000		mg/kg	97.7		70 - 121		
Toluene-d8 (Surrogate)	BOL0669	BOL0669-BS1	LCS	0.051770	0.050000		mg/kg	104		81 - 117		
4-Bromofluorobenzene (Surrogate)	BOL0669	BOL0669-BS1	LCS	0.050450	0.050000		mg/kg	101		74 - 121		
Benzene	BOL0670	BOL0670-BS1	LCS	0.12747	0.12500	0.0050	mg/kg	102		70 - 130		
Toluene	BOL0670	BOL0670-BS1	LCS	0.13233	0.12500	0.0050	mg/kg	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0670	BOL0670-BS1	LCS	0.051320	0.050000		mg/kg	103		70 - 121		
Toluene-d8 (Surrogate)	BOL0670	BOL0670-BS1	LCS	0.050760	0.050000		mg/kg	102		81 - 117		
4-Bromofluorobenzene (Surrogate)	BOL0670	BOL0670-BS1	LCS	0.047990	0.050000		mg/kg	96.0		74 - 121		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0050	0.00075	
Ethylbenzene	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0050	0.0012	
Methyl t-butyl ether	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0050	0.00085	
Toluene	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BOL0669	BOL0669-BLK1	ND	mg/kg	0.010	0.0050	
t-Amyl Methyl ether	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0010	0.00026	
t-Butyl alcohol	BOL0669	BOL0669-BLK1	ND	mg/kg	0.20	0.030	
Diisopropyl ether	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0050	0.00052	
Ethanol	BOL0669	BOL0669-BLK1	ND	mg/kg	1.0	0.34	
Ethyl t-butyl ether	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0010	0.00017	
Total Purgeable Petroleum Hydrocarbons	BOL0669	BOL0669-BLK1	ND	mg/kg	0.20	0.16	
1,2-Dichloroethane-d4 (Surrogate)	BOL0669	BOL0669-BLK1	100	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0669	BOL0669-BLK1	99.2	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0669	BOL0669-BLK1	99.4	%	74 - 121 (LCL - UCL)		
Benzene	BOL0670	BOL0670-BLK1	ND	mg/kg	0.0050	0.00075	
Ethylbenzene	BOL0670	BOL0670-BLK1	ND	mg/kg	0.0050	0.0012	
Methyl t-butyl ether	BOL0670	BOL0670-BLK1	ND	mg/kg	0.0050	0.00085	
Toluene	BOL0670	BOL0670-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BOL0670	BOL0670-BLK1	ND	mg/kg	0.010	0.0050	
t-Amyl Methyl ether	BOL0670	BOL0670-BLK1	ND	mg/kg	0.0010	0.00026	
t-Butyl alcohol	BOL0670	BOL0670-BLK1	ND	mg/kg	0.20	0.030	
Diisopropyl ether	BOL0670	BOL0670-BLK1	ND	mg/kg	0.0050	0.00052	
Ethanol	BOL0670	BOL0670-BLK1	ND	mg/kg	1.0	0.34	
Ethyl t-butyl ether	BOL0670	BOL0670-BLK1	ND	mg/kg	0.0010	0.00017	
Total Purgeable Petroleum Hydrocarbons	BOL0670	BOL0670-BLK1	ND	mg/kg	0.20	0.16	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/20/05 10:53

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,2-Dichloroethane-d4 (Surrogate)	BOL0670	BOL0670-BLK1	101	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0670	BOL0670-BLK1	101	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0670	BOL0670-BLK1	100	%	74 - 121 (LCL - UCL)		

TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/20/05 10:53

Notes and Definitions

V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
J	Estimated value
A53	Chromatogram not typical of gasoline.
A01	PQL's and MDL's are raised due to sample dilution.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BC Laboratories, Inc

Date of Report: 12/21/2005

John Nordenstam

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302
RE: 0353
BC Lab Number: 0512049

Enclosed are the results of analyses for samples received by the laboratory on 12/07/05 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

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BC Laboratories, Inc.

Chain of Custody Form

PLEASE COMPLETE: BCL QUOTE ID:

51641

Page 1 of 1

Report To: Client: TRC	Project #: 20-0948-11
Attn: John Nordenstam	Project Name: Fmr. 76 Station 0353
Street Address: 21 Technology Dr.	Project Code:
City, State, Zip: Irvine, CA	Sampler(s): Sean Owens, Kelly Keller
Phone: 949-753-0101 Fax: 949-753-0111	
Email Address:	
Submittal #: 05-12049	

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Comments: Fuel Oxys = MTBE, TAME, ETBE, ~~TAME~~, TBA, Ethanol, DIPE

Sample #	Description	Date Sampled	Time Sampled	TPH-G (8260B)	BTEX (8260B)	Fuel Oxys (8260B)	Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
-1	CB-2A @ 46.0	12/7/05	0815	X	X	X	X						Nor.	
-2	CB-2A @ 51.0		0820											
-3	CB-2A @ 56.0		0825											
-4	CB-2A @ 60.5		0830											
-5	CB-2A @ 65.5		0840											
-6	CB-2A @ 71.5		0845											
-7	CB-2A @ 76.5		0850											
-8	CB-2A @ 81.5		0855											
-9	CB-2A @ 86.5		0900											
-10	CB-2A @ 91.5		0905											
-11	CB-2A @ 96.0		0910											
-12	CB-2A @ 101.0		0915											

Sample Matrix

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

CHK BY: 010

DISTRIBUTION: OKF

SUB-OUT ☐

Billing ☐ Same as above

Client: ConocoPhillips Company

Address: 3611 S. Harbor Blvd.

City: Santa Ana State: CA Zip:

Attn: Shari London

PO#: 4711TRC010

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months

Special Reporting: ☐ QC ☑ WIP ☐ Raw Data

	Date	Time		Date	Time
1. Relinquished By: Sean Owens	12/7/05	1420	1. Received By: [signature]	12/7/05	1420
2. Relinquished By: [signature]	12/7/05	1630	2. Received By: [signature]	12/7/05	1630
3. Relinquished By:			3. Received By:		

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 10 01/21/04 Page 1 Of 2

Submission #: OS-12049 Project Code: TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID R/W
Temperature: 6.9 °C
Thermometer ID: TH71
Emissivity
Container Encore
Date/Time 12/7
Analyst Init AKM

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS			/							
PT TOTAL SULFIDE			/							
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504				/						
QT EPA 508/608/8080										
QT EPA 515.1/8150				/						
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE	A	A	A	A	A	A	A	A	A	A

Comments:

Sample Numbering Completed By: AKM Date/Time: 12/7 1845

BC LABORATORIES INC. | SAMPLE RECEIPT FORM | Rev. No. 10 01/21/04 | Page 2 Of 2

Submission #: 05-12049 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID RIW
Temperature: 6.9 °C
Thermometer ID: TH71
Emissivity
Container Encore
Date/Time 12/7
Analyst Init AKM

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE	A	A								

Comments:

Sample Numbering Completed By: AKM Date/Time: 12/7 1845

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC Laboratories, Inc

TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/21/05 11:18

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512049-01	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 08:15		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@46.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens/Kelly Keller of TRCI				Cooler ID:
0512049-02	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 08:20		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@51.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens/Kelly Keller of TRCI				Cooler ID:
0512049-03	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 08:25		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@56.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens/Kelly Keller of TRCI				Cooler ID:
0512049-04	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 08:30		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@60.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens/Kelly Keller of TRCI				Cooler ID:
0512049-05	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 08:40		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@65.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens/Kelly Keller of TRCI				Cooler ID:

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/21/05 11:18

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512049-06	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 08:45		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@71.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens/Kelly Keller of TRCI				Cooler ID:
0512049-07	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 08:50		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@76.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0512049-08	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 08:55		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@81.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens/Kelly Keller of TRCI				Cooler ID:
0512049-09	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 09:00		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@86.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens/Kelly Keller of TRCI				Cooler ID:
0512049-10	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 09:05		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@91.5		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens/Kelly Keller of TRCI				Cooler ID:

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/21/05 11:18

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0512049-11	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 09:10		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@96.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:
0512049-12	**COC Number:** ---		**Receive Date:** 12/07/05 16:30		Delivery Work Order (LabW:
	Project Number: 0353		**Sampling Date:** 12/07/05 09:15		Global ID:
	Sampling Location: CB-2A		**Sample Depth:** ---		Matrix: SO
	Sampling Point: CB-2A@101.0		**Sample Matrix:** Solids		Samle QC Type (SACode): CS
	Sampled By: Sean Owens of TRCI				Cooler ID:

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-01 | **Client Sample Name:** 0353, CB-2A, CB-2A@46.0, 12/7/2005 8:15:00AM, Sean Owens/Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0041	0.00062	EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	0.82	BOL0199	ND	
Ethylbenzene	ND	mg/kg	0.0041	0.00098	EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	0.82	BOL0199	ND	
Methyl t-butyl ether	ND	mg/kg	0.0041	0.00070	EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	0.82	BOL0199	ND	
Toluene	ND	mg/kg	0.0041	0.0011	EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	0.82	BOL0199	ND	
Total Xylenes	ND	mg/kg	0.0082	0.0041	EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	0.82	BOL0199	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00082	0.00021	EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	0.82	BOL0199	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.025	EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	0.82	BOL0199	ND	
Diisopropyl ether	ND	mg/kg	0.0041	0.00043	EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	0.82	BOL0199	ND	
Ethanol	ND	mg/kg	0.82	0.28	EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	0.82	BOL0199	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00082	0.00014	EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	0.82	BOL0199	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.16	0.13	EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	0.82	BOL0199	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	1	BOL0199		
Toluene-d8 (Surrogate)	98.1	%	81 - 117 (LCL - UCL)		EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	1	BOL0199		
4-Bromofluorobenzene (Surrogate)	91.9	%	74 - 121 (LCL - UCL)		EPA-8260	12/08/05	12/08/05 21:28	TLF	MS-V2	1	BOL0199		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-02 | **Client Sample Name:** 0353, CB-2A, CB-2A@51.0, 12/7/2005 8:20:00AM, Sean Owens/Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0048	0.00071	EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	0.95	BOL0199	ND	
Ethylbenzene	ND	mg/kg	0.0048	0.0011	EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	0.95	BOL0199	ND	
Methyl t-butyl ether	ND	mg/kg	0.0048	0.00081	EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	0.95	BOL0199	ND	
Toluene	ND	mg/kg	0.0048	0.0012	EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	0.95	BOL0199	ND	
Total Xylenes	ND	mg/kg	0.0095	0.0048	EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	0.95	BOL0199	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00095	0.00025	EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	0.95	BOL0199	ND	
t-Butyl alcohol	ND	mg/kg	0.19	0.028	EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	0.95	BOL0199	ND	
Diisopropyl ether	ND	mg/kg	0.0048	0.00049	EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	0.95	BOL0199	ND	
Ethanol	ND	mg/kg	0.95	0.32	EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	0.95	BOL0199	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00095	0.00016	EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	0.95	BOL0199	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.19	0.15	EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	0.95	BOL0199	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	1	BOL0199		
Toluene-d8 (Surrogate)	99.0	%	81 - 117 (LCL - UCL)		EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	1	BOL0199		
4-Bromofluorobenzene (Surrogate)	92.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/08/05	12/08/05 21:54	TLF	MS-V2	1	BOL0199		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-03 | **Client Sample Name:** 0353, CB-2A, CB-2A@56.0, 12/7/2005 8:25:00AM, Sean Owens/Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.097	0.015	EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504	ND	A01
Ethylbenzene	ND	mg/kg	0.097	0.023	EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.097	0.016	EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504	ND	A01
Toluene	ND	mg/kg	0.097	0.025	EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504	ND	A01
Total Xylenes	ND	mg/kg	0.19	0.097	EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.019	0.0050	EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504	ND	A01
t-Butyl alcohol	0.61	mg/kg	3.9	0.58	EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504	ND	A01,J
Diisopropyl ether	ND	mg/kg	0.097	0.010	EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504	ND	A01
Ethanol	ND	mg/kg	19	6.6	EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.019	0.0033	EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504	ND	A01
Total Purgeable Petroleum Hydrocarbons	7.0	mg/kg	3.9	3.1	EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	89.2	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504		A01
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504		A01
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/16/05 03:18	car	MS-V3	19.40	BOL0504		A01

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-04 | **Client Sample Name:** 0353, CB-2A, CB-2A@60.5, 12/7/2005 8:30:00AM, Sean Owens/Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0048	0.00073	EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	0.97	BOL0504	ND	
Ethylbenzene	ND	mg/kg	0.0048	0.0012	EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	0.97	BOL0504	ND	
Methyl t-butyl ether	ND	mg/kg	0.0048	0.00082	EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	0.97	BOL0504	ND	
Toluene	ND	mg/kg	0.0048	0.0013	EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	0.97	BOL0504	ND	
Total Xylenes	ND	mg/kg	0.0097	0.0048	EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	0.97	BOL0504	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00097	0.00025	EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	0.97	BOL0504	ND	
t-Butyl alcohol	ND	mg/kg	0.19	0.029	EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	0.97	BOL0504	ND	
Diisopropyl ether	ND	mg/kg	0.0048	0.00050	EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	0.97	BOL0504	ND	
Ethanol	ND	mg/kg	0.97	0.33	EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	0.97	BOL0504	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00097	0.00016	EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	0.97	BOL0504	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.19	0.16	EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	0.97	BOL0504	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	1	BOL0504		
Toluene-d8 (Surrogate)	96.0	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	1	BOL0504		
4-Bromofluorobenzene (Surrogate)	96.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 06:05	car	MS-V3	1	BOL0504		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-05 | **Client Sample Name:** 0353, CB-2A, CB-2A@65.5, 12/7/2005 8:40:00AM, Sean Owens/Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0044	0.00067	EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	0.89	BOL0504	ND	
Ethylbenzene	ND	mg/kg	0.0044	0.0011	EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	0.89	BOL0504	ND	
Methyl t-butyl ether	0.0023	mg/kg	0.0044	0.00076	EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	0.89	BOL0504	ND	J
Toluene	ND	mg/kg	0.0044	0.0012	EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	0.89	BOL0504	ND	
Total Xylenes	ND	mg/kg	0.0089	0.0044	EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	0.89	BOL0504	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00089	0.00023	EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	0.89	BOL0504	ND	
t-Butyl alcohol	ND	mg/kg	0.18	0.027	EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	0.89	BOL0504	ND	
Diisopropyl ether	ND	mg/kg	0.0044	0.00046	EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	0.89	BOL0504	ND	
Ethanol	ND	mg/kg	0.89	0.30	EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	0.89	BOL0504	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00089	0.00015	EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	0.89	BOL0504	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.18	0.14	EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	0.89	BOL0504	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	1	BOL0504		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	1	BOL0504		
4-Bromofluorobenzene (Surrogate)	92.6	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 06:31	car	MS-V3	1	BOL0504		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-06 | **Client Sample Name:** 0353, CB-2A, CB-2A@71.5, 12/7/2005 8:45:00AM, Sean Owens/Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0047	0.00070	EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	0.94	BOL0504	ND	
Ethylbenzene	ND	mg/kg	0.0047	0.0011	EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	0.94	BOL0504	ND	
Methyl t-butyl ether	0.036	mg/kg	0.0047	0.00080	EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	0.94	BOL0504	ND	
Toluene	ND	mg/kg	0.0047	0.0012	EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	0.94	BOL0504	ND	
Total Xylenes	ND	mg/kg	0.0094	0.0047	EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	0.94	BOL0504	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00094	0.00024	EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	0.94	BOL0504	ND	
t-Butyl alcohol	ND	mg/kg	0.19	0.028	EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	0.94	BOL0504	ND	
Diisopropyl ether	ND	mg/kg	0.0047	0.00049	EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	0.94	BOL0504	ND	
Ethanol	ND	mg/kg	0.94	0.32	EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	0.94	BOL0504	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00094	0.00016	EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	0.94	BOL0504	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.19	0.15	EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	0.94	BOL0504	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	1	BOL0504		
Toluene-d8 (Surrogate)	96.7	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	1	BOL0504		
4-Bromofluorobenzene (Surrogate)	98.3	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 06:57	car	MS-V3	1	BOL0504		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-07 | **Client Sample Name:** 0353, CB-2A, CB-2A@76.5, 12/7/2005 8:50:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0043	0.00064	EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	0.86	BOL0504	ND	
Ethylbenzene	ND	mg/kg	0.0043	0.0010	EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	0.86	BOL0504	ND	
Methyl t-butyl ether	0.38	mg/kg	0.0043	0.00073	EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	0.86	BOL0504	ND	
Toluene	ND	mg/kg	0.0043	0.0011	EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	0.86	BOL0504	ND	
Total Xylenes	ND	mg/kg	0.0086	0.0043	EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	0.86	BOL0504	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00086	0.00022	EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	0.86	BOL0504	ND	
t-Butyl alcohol	ND	mg/kg	0.17	0.026	EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	0.86	BOL0504	ND	
Diisopropyl ether	ND	mg/kg	0.0043	0.00045	EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	0.86	BOL0504	ND	
Ethanol	ND	mg/kg	0.86	0.29	EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	0.86	BOL0504	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00086	0.00015	EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	0.86	BOL0504	ND	
Total Purgeable Petroleum Hydrocarbons	0.42	mg/kg	0.17	0.14	EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	0.86	BOL0504	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	1	BOL0504		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	1	BOL0504		
4-Bromofluorobenzene (Surrogate)	96.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 07:23	car	MS-V3	1	BOL0504		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-08 | **Client Sample Name:** 0353, CB-2A, CB-2A@81.5, 12/7/2005 8:55:00AM, Sean Owens/Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0046	0.00070	EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	0.93	BOL0504	ND	
Ethylbenzene	ND	mg/kg	0.0046	0.0011	EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	0.93	BOL0504	ND	
Methyl t-butyl ether	0.34	mg/kg	0.0046	0.00079	EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	0.93	BOL0504	ND	
Toluene	ND	mg/kg	0.0046	0.0012	EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	0.93	BOL0504	ND	
Total Xylenes	ND	mg/kg	0.0093	0.0046	EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	0.93	BOL0504	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00093	0.00024	EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	0.93	BOL0504	ND	
t-Butyl alcohol	ND	mg/kg	0.19	0.028	EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	0.93	BOL0504	ND	
Diisopropyl ether	ND	mg/kg	0.0046	0.00048	EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	0.93	BOL0504	ND	
Ethanol	ND	mg/kg	0.93	0.32	EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	0.93	BOL0504	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00093	0.00016	EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	0.93	BOL0504	ND	
Total Purgeable Petroleum Hydrocarbons	0.40	mg/kg	0.19	0.15	EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	0.93	BOL0504	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	1	BOL0504		
Toluene-d8 (Surrogate)	99.7	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	1	BOL0504		
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 07:49	car	MS-V3	1	BOL0504		

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21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-09 | **Client Sample Name:** 0353, CB-2A, CB-2A@86.5, 12/7/2005 9:00:00AM, Sean Owens/Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0038	0.00057	EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	0.76	BOL0504	ND	
Ethylbenzene	ND	mg/kg	0.0038	0.00091	EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	0.76	BOL0504	ND	
Methyl t-butyl ether	0.64	mg/kg	0.098	0.017	EPA-8260	12/09/05	12/15/05 08:08	car	MS-V3	19.60	BOL0504	ND	A01
Toluene	ND	mg/kg	0.0038	0.00099	EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	0.76	BOL0504	ND	
Total Xylenes	ND	mg/kg	0.0076	0.0038	EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	0.76	BOL0504	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00076	0.00020	EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	0.76	BOL0504	ND	
t-Butyl alcohol	ND	mg/kg	0.15	0.023	EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	0.76	BOL0504	ND	
Diisopropyl ether	ND	mg/kg	0.0038	0.00040	EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	0.76	BOL0504	ND	
Ethanol	ND	mg/kg	0.76	0.26	EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	0.76	BOL0504	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00076	0.00013	EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	0.76	BOL0504	ND	
Total Purgeable Petroleum Hydrocarbons	0.72	mg/kg	0.15	0.12	EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	0.76	BOL0504	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	1	BOL0504		
1,2-Dichloroethane-d4 (Surrogate)	96.8	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 08:08	car	MS-V3	19.60	BOL0504		A01
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 08:08	car	MS-V3	19.60	BOL0504		A01
Toluene-d8 (Surrogate)	96.2	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	1	BOL0504		
4-Bromofluorobenzene (Surrogate)	94.2	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 08:15	car	MS-V3	1	BOL0504		
4-Bromofluorobenzene (Surrogate)	99.3	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 08:08	car	MS-V3	19.60	BOL0504		A01

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-10 | **Client Sample Name:** 0353, CB-2A, CB-2A@91.5, 12/7/2005 9:05:00AM, Sean Owens/Kelly Keller

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0040	0.00061	EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	0.81	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0040	0.00097	EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	0.81	BOL0669	ND	
Methyl t-butyl ether	0.12	mg/kg	0.0040	0.00069	EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	0.81	BOL0669	ND	
Toluene	ND	mg/kg	0.0040	0.0011	EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	0.81	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0081	0.0040	EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	0.81	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00081	0.00021	EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	0.81	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.16	0.024	EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	0.81	BOL0669	ND	
Diisopropyl ether	ND	mg/kg	0.0040	0.00042	EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	0.81	BOL0669	ND	V11
Ethanol	ND	mg/kg	0.81	0.28	EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	0.81	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00081	0.00014	EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	0.81	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	0.21	mg/kg	0.16	0.13	EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	0.81	BOL0669	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	99.7	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	99.8	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/15/05 07:41	car	MS-V3	1	BOL0669		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-11 | **Client Sample Name:** 0353, CB-2A, CB-2A@96.0, 12/7/2005 9:10:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0038	0.00056	EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	0.75	BOL0669	ND	
Ethylbenzene	ND	mg/kg	0.0038	0.00090	EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	0.75	BOL0669	ND	
Methyl t-butyl ether	0.28	mg/kg	0.0038	0.00064	EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	0.75	BOL0669	ND	
Toluene	ND	mg/kg	0.0038	0.00098	EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	0.75	BOL0669	ND	
Total Xylenes	ND	mg/kg	0.0075	0.0038	EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	0.75	BOL0669	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00075	0.00020	EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	0.75	BOL0669	ND	
t-Butyl alcohol	ND	mg/kg	0.15	0.022	EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	0.75	BOL0669	ND	
Diisopropyl ether	ND	mg/kg	0.0038	0.00039	EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	0.75	BOL0669	ND	
Ethanol	ND	mg/kg	0.75	0.26	EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	0.75	BOL0669	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00075	0.00013	EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	0.75	BOL0669	ND	
Total Purgeable Petroleum Hydrocarbons	0.31	mg/kg	0.15	0.12	EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	0.75	BOL0669	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	1	BOL0669		
Toluene-d8 (Surrogate)	98.6	%	81 - 117 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	1	BOL0669		
4-Bromofluorobenzene (Surrogate)	91.5	%	74 - 121 (LCL - UCL)		EPA-8260	12/09/05	12/11/05 09:08	car	MS-V3	1	BOL0669		

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Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0512049-12 | **Client Sample Name:** 0353, CB-2A, CB-2A@101.0, 12/7/2005 9:15:00AM, Sean Owens

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0038	0.00056	EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	0.75	BOL0199	ND	
Ethylbenzene	ND	mg/kg	0.0038	0.00090	EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	0.75	BOL0199	ND	
Methyl t-butyl ether	0.13	mg/kg	0.0038	0.00064	EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	0.75	BOL0199	ND	
Toluene	ND	mg/kg	0.0038	0.00098	EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	0.75	BOL0199	ND	
Total Xylenes	ND	mg/kg	0.0075	0.0038	EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	0.75	BOL0199	ND	
t-Amyl Methyl ether	ND	mg/kg	0.00075	0.00020	EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	0.75	BOL0199	ND	
t-Butyl alcohol	ND	mg/kg	0.15	0.022	EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	0.75	BOL0199	ND	
Diisopropyl ether	ND	mg/kg	0.0038	0.00039	EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	0.75	BOL0199	ND	
Ethanol	ND	mg/kg	0.75	0.26	EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	0.75	BOL0199	ND	
Ethyl t-butyl ether	ND	mg/kg	0.00075	0.00013	EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	0.75	BOL0199	ND	
Total Purgeable Petroleum Hydrocarbons	0.19	mg/kg	0.15	0.12	EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	0.75	BOL0199	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	1	BOL0199		
Toluene-d8 (Surrogate)	98.3	%	81 - 117 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	1	BOL0199		
4-Bromofluorobenzene (Surrogate)	91.0	%	74 - 121 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 02:19	TLF	MS-V2	1	BOL0199		

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21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BOL0199	BOL0199-MS1	Matrix Spike	ND	0.13386	0.12500	mg/kg		107		70 - 130	
		BOL0199-MSD1	Matrix Spike Duplicate	ND	0.12912	0.12500	mg/kg	3.81	103	20	70 - 130	
Toluene	BOL0199	BOL0199-MS1	Matrix Spike	ND	0.13624	0.12500	mg/kg		109		70 - 130	
		BOL0199-MSD1	Matrix Spike Duplicate	ND	0.12902	0.12500	mg/kg	5.66	103	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0199	BOL0199-MS1	Matrix Spike	ND	0.052740	0.050000	mg/kg		105		70 - 121	
		BOL0199-MSD1	Matrix Spike Duplicate	ND	0.051430	0.050000	mg/kg		103		70 - 121	
Toluene-d8 (Surrogate)	BOL0199	BOL0199-MS1	Matrix Spike	ND	0.049720	0.050000	mg/kg		99.4		81 - 117	
		BOL0199-MSD1	Matrix Spike Duplicate	ND	0.049680	0.050000	mg/kg		99.4		81 - 117	
4-Bromofluorobenzene (Surrogate)	BOL0199	BOL0199-MS1	Matrix Spike	ND	0.048160	0.050000	mg/kg		96.3		74 - 121	
		BOL0199-MSD1	Matrix Spike Duplicate	ND	0.050110	0.050000	mg/kg		100		74 - 121	
Benzene	BOL0504	BOL0504-MS1	Matrix Spike	ND	0.12931	0.12500	mg/kg		103		70 - 130	
		BOL0504-MSD1	Matrix Spike Duplicate	ND	0.11871	0.12500	mg/kg	8.08	95.0	20	70 - 130	
Toluene	BOL0504	BOL0504-MS1	Matrix Spike	ND	0.12126	0.12500	mg/kg		97.0		70 - 130	
		BOL0504-MSD1	Matrix Spike Duplicate	ND	0.11561	0.12500	mg/kg	4.75	92.5	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0504	BOL0504-MS1	Matrix Spike	ND	0.054470	0.050000	mg/kg		109		70 - 121	
		BOL0504-MSD1	Matrix Spike Duplicate	ND	0.054270	0.050000	mg/kg		109		70 - 121	
Toluene-d8 (Surrogate)	BOL0504	BOL0504-MS1	Matrix Spike	ND	0.050030	0.050000	mg/kg		100		81 - 117	
		BOL0504-MSD1	Matrix Spike Duplicate	ND	0.047910	0.050000	mg/kg		95.8		81 - 117	
4-Bromofluorobenzene (Surrogate)	BOL0504	BOL0504-MS1	Matrix Spike	ND	0.046340	0.050000	mg/kg		92.7		74 - 121	
		BOL0504-MSD1	Matrix Spike Duplicate	ND	0.048230	0.050000	mg/kg		96.5		74 - 121	
Benzene	BOL0669	BOL0669-MS1	Matrix Spike	ND	0.12793	0.12500	mg/kg		102		70 - 130	
		BOL0669-MSD1	Matrix Spike Duplicate	ND	0.11701	0.12500	mg/kg	8.59	93.6	20	70 - 130	
Toluene	BOL0669	BOL0669-MS1	Matrix Spike	ND	0.13730	0.12500	mg/kg		110		70 - 130	
		BOL0669-MSD1	Matrix Spike Duplicate	ND	0.12766	0.12500	mg/kg	7.55	102	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0669	BOL0669-MS1	Matrix Spike	ND	0.048830	0.050000	mg/kg		97.7		70 - 121	
		BOL0669-MSD1	Matrix Spike Duplicate	ND	0.050570	0.050000	mg/kg		101		70 - 121	
Toluene-d8 (Surrogate)	BOL0669	BOL0669-MS1	Matrix Spike	ND	0.050760	0.050000	mg/kg		102		81 - 117	
		BOL0669-MSD1	Matrix Spike Duplicate	ND	0.051940	0.050000	mg/kg		104		81 - 117	

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
4-Bromofluorobenzene (Surrogate)	BOL0669	BOL0669-MS1	Matrix Spike	ND	0.049340	0.050000	mg/kg		98.7		74 - 121	
		BOL0669-MSD1	Matrix Spike Duplicate	ND	0.048390	0.050000	mg/kg		96.8		74 - 121	

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TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BOL0199	BOL0199-BS1	LCS	0.12799	0.12500	0.0050	mg/kg	102		70 - 130		
Toluene	BOL0199	BOL0199-BS1	LCS	0.12963	0.12500	0.0050	mg/kg	104		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0199	BOL0199-BS1	LCS	0.048100	0.050000		mg/kg	96.2		70 - 121		
Toluene-d8 (Surrogate)	BOL0199	BOL0199-BS1	LCS	0.049650	0.050000		mg/kg	99.3		81 - 117		
4-Bromofluorobenzene (Surrogate)	BOL0199	BOL0199-BS1	LCS	0.049490	0.050000		mg/kg	99.0		74 - 121		
Benzene	BOL0504	BOL0504-BS1	LCS	0.12125	0.12500	0.0050	mg/kg	97.0		70 - 130		
Toluene	BOL0504	BOL0504-BS1	LCS	0.11749	0.12500	0.0050	mg/kg	94.0		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0504	BOL0504-BS1	LCS	0.051970	0.050000		mg/kg	104		70 - 121		
Toluene-d8 (Surrogate)	BOL0504	BOL0504-BS1	LCS	0.049280	0.050000		mg/kg	98.6		81 - 117		
4-Bromofluorobenzene (Surrogate)	BOL0504	BOL0504-BS1	LCS	0.048270	0.050000		mg/kg	96.5		74 - 121		
Benzene	BOL0669	BOL0669-BS1	LCS	0.12412	0.12500	0.0050	mg/kg	99.3		70 - 130		
Toluene	BOL0669	BOL0669-BS1	LCS	0.12565	0.12500	0.0050	mg/kg	101		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0669	BOL0669-BS1	LCS	0.048840	0.050000		mg/kg	97.7		70 - 121		
Toluene-d8 (Surrogate)	BOL0669	BOL0669-BS1	LCS	0.051770	0.050000		mg/kg	104		81 - 117		
4-Bromofluorobenzene (Surrogate)	BOL0669	BOL0669-BS1	LCS	0.050450	0.050000		mg/kg	101		74 - 121		

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21 Technology Drive
Irvine CA, 92618-2302

Project: 0353
Project Number: [none]
Project Manager: John Nordenstam

Reported: 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BOL0199	BOL0199-BLK1	ND	mg/kg	0.0050	0.00075	
Ethylbenzene	BOL0199	BOL0199-BLK1	ND	mg/kg	0.0050	0.0012	
Methyl t-butyl ether	BOL0199	BOL0199-BLK1	ND	mg/kg	0.0050	0.00085	
Toluene	BOL0199	BOL0199-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BOL0199	BOL0199-BLK1	ND	mg/kg	0.010	0.0050	
t-Amyl Methyl ether	BOL0199	BOL0199-BLK1	ND	mg/kg	0.0010	0.00026	
t-Butyl alcohol	BOL0199	BOL0199-BLK1	ND	mg/kg	0.20	0.030	
Diisopropyl ether	BOL0199	BOL0199-BLK1	ND	mg/kg	0.0050	0.00052	
Ethanol	BOL0199	BOL0199-BLK1	ND	mg/kg	1.0	0.34	
Ethyl t-butyl ether	BOL0199	BOL0199-BLK1	ND	mg/kg	0.0010	0.00017	
Total Purgeable Petroleum Hydrocarbons	BOL0199	BOL0199-BLK1	ND	mg/kg	0.20	0.16	
1,2-Dichloroethane-d4 (Surrogate)	BOL0199	BOL0199-BLK1	107	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0199	BOL0199-BLK1	99.3	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0199	BOL0199-BLK1	92.1	%	74 - 121 (LCL - UCL)		
Benzene	BOL0504	BOL0504-BLK1	ND	mg/kg	0.0050	0.00075	
Ethylbenzene	BOL0504	BOL0504-BLK1	ND	mg/kg	0.0050	0.0012	
Methyl t-butyl ether	BOL0504	BOL0504-BLK1	ND	mg/kg	0.0050	0.00085	
Toluene	BOL0504	BOL0504-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BOL0504	BOL0504-BLK1	ND	mg/kg	0.010	0.0050	
t-Amyl Methyl ether	BOL0504	BOL0504-BLK1	ND	mg/kg	0.0010	0.00026	
t-Butyl alcohol	BOL0504	BOL0504-BLK1	ND	mg/kg	0.20	0.030	
Diisopropyl ether	BOL0504	BOL0504-BLK1	ND	mg/kg	0.0050	0.00052	
Ethanol	BOL0504	BOL0504-BLK1	ND	mg/kg	1.0	0.34	
Ethyl t-butyl ether	BOL0504	BOL0504-BLK1	ND	mg/kg	0.0010	0.00017	
Total Purgeable Petroleum Hydrocarbons	BOL0504	BOL0504-BLK1	ND	mg/kg	0.20	0.16	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 0353 Project Number: [none] Project Manager: John Nordenstam	**Reported:** 12/21/05 11:18

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,2-Dichloroethane-d4 (Surrogate)	BOL0504	BOL0504-BLK1	109	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0504	BOL0504-BLK1	100	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0504	BOL0504-BLK1	95.6	%	74 - 121 (LCL - UCL)		
Benzene	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0050	0.00075	
Ethylbenzene	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0050	0.0012	
Methyl t-butyl ether	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0050	0.00085	
Toluene	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0050	0.0013	
Total Xylenes	BOL0669	BOL0669-BLK1	ND	mg/kg	0.010	0.0050	
t-Amyl Methyl ether	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0010	0.00026	
t-Butyl alcohol	BOL0669	BOL0669-BLK1	ND	mg/kg	0.20	0.030	
Diisopropyl ether	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0050	0.00052	
Ethanol	BOL0669	BOL0669-BLK1	ND	mg/kg	1.0	0.34	
Ethyl t-butyl ether	BOL0669	BOL0669-BLK1	ND	mg/kg	0.0010	0.00017	
Total Purgeable Petroleum Hydrocarbons	BOL0669	BOL0669-BLK1	ND	mg/kg	0.20	0.16	
1,2-Dichloroethane-d4 (Surrogate)	BOL0669	BOL0669-BLK1	100	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0669	BOL0669-BLK1	99.2	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0669	BOL0669-BLK1	99.4	%	74 - 121 (LCL - UCL)		

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