

Summit Scientific

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September 26, 2012

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Dechant 1-31A

Enclosed are the results of analyses for samples received by Summit Scientific on 09/20/12 17:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Joseph J Egry IV
Laboratory Director



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - Dechant 1-31A

Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/26/12 14:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW07	R209148-01	Water	09/20/12 13:15	09/20/12 17:05
MW10R	R209148-02	Water	09/20/12 13:45	09/20/12 17:05

Summit Scientific

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MW07
R209148-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/20/12 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	2092203	09/22/12	09/25/12	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/20/12 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.7 %	49.7-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.5 %	51-150		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.5 %	50.1-150		"	"	"	"	

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MW10R
R209148-02 (Water)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/20/12 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	5.4	1.0	ug/l	1	2092203	09/22/12	09/25/12	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	440	100	"	100	"	"	09/25/12	"	
Xylenes (total)	7.5	1.0	"	1	"	"	09/25/12	"	

Date Sampled: **09/20/12 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		69.7 %	49.7-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		124 %	51-150		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		74.7 %	50.1-150		"	"	"	"	

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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike Level	Source		%REC		RPD		Notes
	Result	Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch 2092203 - EPA 5030 Water MS

Blank (2092203-BLK1)

Prepared: 09/22/12 Analyzed: 09/25/12

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	11.7		"	13.2	88.6	49.7-150					
Surrogate: Toluene-d8	13.0		"	13.3	97.7	51-150					
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.1	50.1-150					

LCS (2092203-BS1)

Prepared: 09/22/12 Analyzed: 09/25/12

Benzene	22.4	1.0	ug/l	33.3	67.2	51-132					
Toluene	23.3	1.0	"	33.3	69.9	51-138					
Ethylbenzene	25.3	1.0	"	33.3	75.9	58-146					
m,p-Xylene	50.6	2.0	"	66.7	75.9	57-144					
o-Xylene	24.3	1.0	"	33.3	72.8	53-146					
Surrogate: 1,2-Dichloroethane-d4	11.5		"	13.2	87.2	49.7-150					
Surrogate: Toluene-d8	12.9		"	13.3	96.7	51-150					
Surrogate: 4-Bromofluorobenzene	12.4		"	13.3	92.9	50.1-150					

LCS Dup (2092203-BSD1)

Prepared: 09/22/12 Analyzed: 09/25/12

Benzene	24.9	1.0	ug/l	33.3	74.7	51-132	10.6	17			
Toluene	25.7	1.0	"	33.3	77.2	51-138	9.87	17			
Ethylbenzene	27.4	1.0	"	33.3	82.1	58-146	7.90	16			
m,p-Xylene	55.1	2.0	"	66.7	82.6	57-144	8.44	16			
o-Xylene	26.3	1.0	"	33.3	78.9	53-146	8.07	15			
Surrogate: 1,2-Dichloroethane-d4	11.4		"	13.2	86.2	49.7-150					
Surrogate: Toluene-d8	12.9		"	13.3	97.0	51-150					
Surrogate: 4-Bromofluorobenzene	12.1		"	13.3	90.7	50.1-150					

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
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Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 2092203 - EPA 5030 Water MS

Matrix Spike (2092203-MS1)	Source: R209141-01			Prepared: 09/22/12		Analyzed: 09/25/12	
Benzene	30.7	1.0	ug/l	33.3	ND	92.0	34-141
Toluene	32.0	1.0	"	33.3	ND	96.0	27-151
Ethylbenzene	33.6	1.0	"	33.3	ND	101	29-160
m,p-Xylene	67.0	2.0	"	66.7	ND	101	20-166
o-Xylene	32.0	1.0	"	33.3	ND	96.2	33-159
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.2</i>		<i>"</i>	<i>13.2</i>		<i>84.7</i>	<i>49.7-150</i>
<i>Surrogate: Toluene-d8</i>	<i>13.0</i>		<i>"</i>	<i>13.3</i>		<i>97.2</i>	<i>51-150</i>
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.0</i>		<i>"</i>	<i>13.3</i>		<i>90.3</i>	<i>50.1-150</i>

Matrix Spike Dup (2092203-MSD1)	Source: R209141-01			Prepared: 09/22/12		Analyzed: 09/25/12			
Benzene	24.6	1.0	ug/l	33.3	ND	73.8	34-141	21.9	32
Toluene	25.5	1.0	"	33.3	ND	76.6	27-151	22.5	25
Ethylbenzene	26.6	1.0	"	33.3	ND	79.7	29-160	23.3	50
m,p-Xylene	53.1	2.0	"	66.7	ND	79.6	20-166	23.3	36
o-Xylene	25.8	1.0	"	33.3	ND	77.3	33-159	21.7	26
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.8</i>		<i>"</i>	<i>13.2</i>		<i>89.5</i>	<i>49.7-150</i>		
<i>Surrogate: Toluene-d8</i>	<i>12.8</i>		<i>"</i>	<i>13.3</i>		<i>96.2</i>	<i>51-150</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.3</i>		<i>"</i>	<i>13.3</i>		<i>92.6</i>	<i>50.1-150</i>		

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Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference