



Cranmer Engineering, Inc.
Integrated Engineering Services

Sample Results

Paradise Irrigation District
ATTN Jason Bell
6332 Clark Road
Paradise, CA 95969

Work Order: GBC0366

Received: 03/08/19 12:00

Reported: 03/26/19 12:33

Camp Fire

Work Order Case Narrative

Added correct subcontract report

Term and Qualifier Definitions

Item	Definition
ND	None detected at or above the reporting limit

Integrating people, land and water.

1188 East Main Street, Grass Valley, CA 95945

Phone: (530) 273-7284 | Fax: (530) 273-9507 | www.cranmerengineeringinc.com | E.L.A.P. Certification No. 1936

Sampling • Analytical Testing • Courier Service • System Operators • Engineering • Surveying • Technical Reporting • Planning • Construction Mgmt.

Subcontracted Analyses**Sample Site:** HYD 5575 Sierra Park 1st D**Sample Number** GBC0366-02

Source Type: Surface

Date Collected: 3/7/2019 8:15:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)**Sample Site:** HYD 5575 Sierra Park 2nd I**Sample Number** GBC0366-03

Source Type: Surface

Date Collected: 3/7/2019 8:20:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)**Sample Site:** 5571 Logan Dr**Sample Number** GBC0366-04

Source Type: Surface

Date Collected: 3/7/2019 8:30:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)**Sample Site:** 5565 Logan Dr**Sample Number** GBC0366-05

Source Type: Surface

Date Collected: 3/7/2019 12:35:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)**Sample Site:** 5566 Logan Dr**Sample Number** GBC0366-06

Source Type: Surface

Date Collected: 3/7/2019 8:40:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)**Sample Site:** Blow Off Logan Dr**Sample Number** GBC0366-07

Source Type: Surface

Date Collected: 3/7/2019 8:45:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)*Integrating people, land and water.*

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Sample Site: HYD 626 Scotts Dr. - 1st Dr**Sample Number** GBC0366-08

Source Type: Surface

Date Collected: 3/7/2019 9:10:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)**Sample Site:** HYD 626 Scotts Dr. - 2nd D**Sample Number** GBC0366-09

Source Type: Surface

Date Collected: 3/7/2019 9:20:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)**Sample Site:** 622 Scotts Dr**Sample Number** GBC0366-10

Source Type: Surface

Date Collected: 3/7/2019 9:30:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)**Sample Site:** 621 Scotts Dr**Sample Number** GBC0366-11

Source Type: Surface

Date Collected: 3/7/2019 9:35:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)**Sample Site:** 619 Scotts Dr**Sample Number** GBC0366-12

Source Type: Surface

Date Collected: 3/7/2019 9:40:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)**Sample Site:** 618 Scotts Dr**Sample Number** GBC0366-13

Source Type: Surface

Date Collected: 3/7/2019 9:45:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

Analysis Volatile Organic Compounds (VOCs)**Sample Site:** 614 Scotts Dr**Sample Number** GBC0366-14

Source Type: Surface

Date Collected: 3/7/2019 9:50:00AM**Collected by:** BT

Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD

Report with Method References attached.

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Analysis Volatile Organic Compounds (VOCs)

Sample Site: 615 Scotts Dr
Sample Number GBC0366-15
Source Type: Surface

Date Collected: 3/7/2019 9:55:00AM
Collected by: BT
Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD
Analysis Volatile Organic Compounds (VOCs)

Report with Method References attached.

Sample Site: Blow Off - 615 Scotts Dr
Sample Number GBC0366-16
Source Type: Surface

Date Collected: 3/7/2019 10:00:00AM
Collected by: BT
Title 22 Designation:

Analyzing Laboratory: North Coast Laboratories LTD
Analysis Volatile Organic Compounds (VOCs)

Report with Method References attached.



Michelle Harlin For Justin Smith

Laboratory Manager

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**NORTH COAST
LABORATORIES LTD.**

March 15, 2019

Cranmer Analytical Laboratory
1188 E. Main St
Grass Valley, CA 95945

Attn: Michelle Harlin

Order No.: 1903179
Invoice No.: 145317
PO No.:
ELAP No.1247-Expires July 2020

RE: GBC0366

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	GBC0366-02 HYD 5575 Sierra Park 1st Dr
02A	GBC0366-03 HYD 5575 Sierra Park 2nd Dr
03A	GBC0366-04 5571 Logan Dr
04A	GBC0366-05 5565 Logan Dr
05A	GBC0366-06 5566 Logan Dr
06A	GBC0366-07 Blow Off Logan Dr
07A	GBC0366-08 HYD 626 Scotts Dr.-1st Dr
08A	GBC0366-09 HYD 626 Scotts Dr.-2nd Dr
09A	GBC0366-10 622 Scotts Dr
10A	GBC0366-11 621 Scotts Dr
11A	GBC0366-12 619 Scotts Dr
12A	GBC0366-13 618 Scotts Dr
13A	GBC0366-14 614 Scotts Dr
14A	GBC0366-15 615 Scotts Dr
15A	GBC0366-16 Blow Off-615 Scotts Dr

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 15-Mar-2019
WorkOrder: 1903179

CASE NARRATIVE

EPA 524.2:

The laboratory control sample (LCS) recoveries were above the upper acceptance limits for chloromethane, bromomethane, chloroethane, 1,1,2-trichlorofluoroethane, 1,1-dichloroethene and 2,2-dichloropropane. The elevated recoveries equate to a high bias. There were no detectable levels of these analytes in the sample; therefore, the data were accepted.

The laboratory control sample (LCS) recoveries were below the lower acceptance limit for tert-butyl alcohol, 1,1,2,2-tetrachloroethane, 1,2,3-trichloropropane and naphthalene. The response of the reporting limit standard was such that the analytes would have been detected even with the low recoveries; therefore, the data were accepted.

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-02 HYD 5575 Sierra Park 1st Dr

Received: 3/9/2019

Lab ID: 1903179-01A

Collected: 3/7/2019 8:15

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloromethane	ND		0.50	µg/L	1.0		3/11/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/11/2019
Bromomethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroethane	ND		0.50	µg/L	1.0		3/11/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/11/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/11/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/11/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/11/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/11/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/11/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroform	23		0.50	µg/L	1.0		3/11/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/11/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Benzene	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/11/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromodichloromethane	1.7		0.50	µg/L	1.0		3/11/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Toluene	ND		0.50	µg/L	1.0		3/11/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/11/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/11/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/11/2019
o-Xylene	ND		0.50	µg/L	1.0		3/11/2019
Bromoform	ND		0.50	µg/L	1.0		3/11/2019
Styrene	ND		0.50	µg/L	1.0		3/11/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/11/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/11/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-02 HYD 5575 Sierra Park 1st Dr

Received: 3/9/2019

Lab ID: 1903179-01A

Collected: 3/7/2019 8:15

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/11/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/11/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Naphthalene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Surrogate: 1,2-Dichlorobenzene-d4	100	70-130	% Rec	1.0	3/11/2019
Surrogate: Dibromofluoromethane	99.0	70-130	% Rec	1.0	3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-03 HYD 5575 Sierra Park 2nd Dr

Received: 3/9/2019

Lab ID: 1903179-02A

Collected: 3/7/2019 8:20

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloromethane	ND		0.50	µg/L	1.0		3/11/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/11/2019
Bromomethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroethane	ND		0.50	µg/L	1.0		3/11/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/11/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/11/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/11/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/11/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/11/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/11/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroform	23		0.50	µg/L	1.0		3/11/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/11/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Benzene	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/11/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromodichloromethane	1.7		0.50	µg/L	1.0		3/11/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Toluene	ND		0.50	µg/L	1.0		3/11/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/11/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/11/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/11/2019
o-Xylene	ND		0.50	µg/L	1.0		3/11/2019
Bromoform	ND		0.50	µg/L	1.0		3/11/2019
Styrene	ND		0.50	µg/L	1.0		3/11/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/11/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/11/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-03 HYD 5575 Sierra Park 2nd Dr

Received: 3/9/2019

Lab ID: 1903179-02A

Collected: 3/7/2019 8:20

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/11/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/11/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Naphthalene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Surrogate: 1,2-Dichlorobenzene-d4	101	70-130	% Rec	1.0	3/11/2019
Surrogate: Dibromofluoromethane	98.0	70-130	% Rec	1.0	3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-04 5571 Logan Dr

Received: 3/9/2019

Lab ID: 1903179-03A

Collected: 3/7/2019 8:30

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/12/2019
Chloromethane	ND		0.50	µg/L	1.0		3/12/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/12/2019
Bromomethane	ND		0.50	µg/L	1.0		3/12/2019
Chloroethane	ND		0.50	µg/L	1.0		3/12/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/12/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/12/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/12/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/12/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/12/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/12/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/12/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/12/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/12/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/12/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/12/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/12/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/12/2019
Chloroform	40		0.50	µg/L	1.0		3/12/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/12/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/12/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/12/2019
Benzene	ND		0.50	µg/L	1.0		3/12/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/12/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/12/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/12/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/12/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/12/2019
Bromodichloromethane	2.8		0.50	µg/L	1.0		3/12/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/12/2019
Toluene	ND		0.50	µg/L	1.0		3/12/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/12/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/12/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/12/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/12/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/12/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/12/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/12/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/12/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/12/2019
o-Xylene	ND		0.50	µg/L	1.0		3/12/2019
Bromoform	ND		0.50	µg/L	1.0		3/12/2019
Styrene	ND		0.50	µg/L	1.0		3/12/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/12/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/12/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/12/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/12/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-04 5571 Logan Dr

Received: 3/9/2019

Lab ID: 1903179-03A

Collected: 3/7/2019 8:30

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/12/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/12/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/12/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/12/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/12/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/12/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/12/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/12/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/12/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/12/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/12/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/12/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/12/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/12/2019
Naphthalene	ND	0.50	µg/L	1.0	3/12/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/12/2019
Surrogate: 1,2-Dichlorobenzene-d4	104	70-130	% Rec	1.0	3/12/2019
Surrogate: Dibromofluoromethane	104	70-130	% Rec	1.0	3/12/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-05 5565 Logan Dr

Received: 3/9/2019

Lab ID: 1903179-04A

Collected: 3/7/2019 0:35

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/13/2019
Chloromethane	ND		0.50	µg/L	1.0		3/13/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/13/2019
Bromomethane	ND		0.50	µg/L	1.0		3/13/2019
Chloroethane	ND		0.50	µg/L	1.0		3/13/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/13/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/13/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/13/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/13/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/13/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/13/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/13/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/13/2019
Chloroform	31		0.50	µg/L	1.0		3/13/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/13/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/13/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
Benzene	ND		0.50	µg/L	1.0		3/13/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/13/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/13/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/13/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Bromodichloromethane	2.4		0.50	µg/L	1.0		3/13/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
Toluene	ND		0.50	µg/L	1.0		3/13/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/13/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/13/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/13/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/13/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/13/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/13/2019
o-Xylene	ND		0.50	µg/L	1.0		3/13/2019
Bromoform	ND		0.50	µg/L	1.0		3/13/2019
Styrene	ND		0.50	µg/L	1.0		3/13/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/13/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/13/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/13/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-05 5565 Logan Dr

Received: 3/9/2019

Lab ID: 1903179-04A

Collected: 3/7/2019 0:35

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/13/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/13/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/13/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/13/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/13/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/13/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/13/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Naphthalene	ND	0.50	µg/L	1.0	3/13/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Surrogate: 1,2-Dichlorobenzene-d4	103	70-130	% Rec	1.0	3/13/2019
Surrogate: Dibromofluoromethane	107	70-130	% Rec	1.0	3/13/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-06 5566 Logan Dr

Received: 3/9/2019

Lab ID: 1903179-05A

Collected: 3/7/2019 8:40

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloromethane	ND		0.50	µg/L	1.0		3/11/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/11/2019
Bromomethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroethane	ND		0.50	µg/L	1.0		3/11/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/11/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/11/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/11/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/11/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/11/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/11/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroform	28		0.50	µg/L	1.0		3/11/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/11/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Benzene	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/11/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromodichloromethane	2.2		0.50	µg/L	1.0		3/11/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Toluene	ND		0.50	µg/L	1.0		3/11/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/11/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/11/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/11/2019
o-Xylene	ND		0.50	µg/L	1.0		3/11/2019
Bromoform	ND		0.50	µg/L	1.0		3/11/2019
Styrene	ND		0.50	µg/L	1.0		3/11/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/11/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/11/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-06 5566 Logan Dr

Received: 3/9/2019

Lab ID: 1903179-05A

Collected: 3/7/2019 8:40

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/11/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/11/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Naphthalene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Surrogate: 1,2-Dichlorobenzene-d4	101	70-130	% Rec	1.0	3/11/2019
Surrogate: Dibromofluoromethane	101	70-130	% Rec	1.0	3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-07 Blow Off Logan Dr

Received: 3/9/2019

Lab ID: 1903179-06A

Collected: 3/7/2019 8:45

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/13/2019
Chloromethane	ND		0.50	µg/L	1.0		3/13/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/13/2019
Bromomethane	ND		0.50	µg/L	1.0		3/13/2019
Chloroethane	ND		0.50	µg/L	1.0		3/13/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/13/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/13/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/13/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/13/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/13/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/13/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/13/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/13/2019
Chloroform	26		0.50	µg/L	1.0		3/13/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/13/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/13/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
Benzene	ND		0.50	µg/L	1.0		3/13/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/13/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/13/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/13/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Bromodichloromethane	1.9		0.50	µg/L	1.0		3/13/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
Toluene	ND		0.50	µg/L	1.0		3/13/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/13/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/13/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/13/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/13/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/13/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/13/2019
o-Xylene	ND		0.50	µg/L	1.0		3/13/2019
Bromoform	ND		0.50	µg/L	1.0		3/13/2019
Styrene	ND		0.50	µg/L	1.0		3/13/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/13/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/13/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/13/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-07 Blow Off Logan Dr

Received: 3/9/2019

Lab ID: 1903179-06A

Collected: 3/7/2019 8:45

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/13/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/13/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/13/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/13/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/13/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/13/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/13/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Naphthalene	ND	0.50	µg/L	1.0	3/13/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Surrogate: 1,2-Dichlorobenzene-d4	103	70-130	% Rec	1.0	3/13/2019
Surrogate: Dibromofluoromethane	108	70-130	% Rec	1.0	3/13/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-08 HYD 626 Scotts Dr.-1st Dr

Received: 3/9/2019

Lab ID: 1903179-07A

Collected: 3/7/2019 9:10

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloromethane	ND		0.50	µg/L	1.0		3/11/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/11/2019
Bromomethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroethane	ND		0.50	µg/L	1.0		3/11/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/11/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/11/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/11/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/11/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/11/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/11/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroform	39		0.50	µg/L	1.0		3/11/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/11/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Benzene	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/11/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromodichloromethane	2.3		0.50	µg/L	1.0		3/11/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Toluene	ND		0.50	µg/L	1.0		3/11/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/11/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/11/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/11/2019
o-Xylene	3.4		0.50	µg/L	1.0		3/11/2019
Bromoform	ND		0.50	µg/L	1.0		3/11/2019
Styrene	0.75		0.50	µg/L	1.0		3/11/2019
Isopropylbenzene	14		0.50	µg/L	1.0		3/11/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/11/2019
n-Propylbenzene	0.71		0.50	µg/L	1.0		3/11/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-08 HYD 626 Scotts Dr.-1st Dr

Received: 3/9/2019

Lab ID: 1903179-07A

Collected: 3/7/2019 9:10

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/11/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/11/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Naphthalene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Surrogate: 1,2-Dichlorobenzene-d4	101	70-130	% Rec	1.0	3/11/2019
Surrogate: Dibromofluoromethane	100	70-130	% Rec	1.0	3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-09 HYD 626 Scotts Dr.-2nd Dr

Received: 3/9/2019

Lab ID: 1903179-08A

Collected: 3/7/2019 9:30

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloromethane	ND		0.50	µg/L	1.0		3/11/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/11/2019
Bromomethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroethane	ND		0.50	µg/L	1.0		3/11/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/11/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/11/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/11/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/11/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/11/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/11/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroform	32		0.50	µg/L	1.0		3/11/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/11/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Benzene	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/11/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromodichloromethane	2.1		0.50	µg/L	1.0		3/11/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Toluene	ND		0.50	µg/L	1.0		3/11/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/11/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/11/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/11/2019
o-Xylene	0.81		0.50	µg/L	1.0		3/11/2019
Bromoform	ND		0.50	µg/L	1.0		3/11/2019
Styrene	ND		0.50	µg/L	1.0		3/11/2019
Isopropylbenzene	3.2		0.50	µg/L	1.0		3/11/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/11/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-09 HYD 626 Scotts Dr.-2nd Dr

Received: 3/9/2019

Lab ID: 1903179-08A

Collected: 3/7/2019 9:30

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/11/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/11/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Naphthalene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Surrogate: 1,2-Dichlorobenzene-d4	101	70-130	% Rec	1.0	3/11/2019
Surrogate: Dibromofluoromethane	99.0	70-130	% Rec	1.0	3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-10 622 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-09A

Collected: 3/7/2019 9:30

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/12/2019
Chloromethane	ND		0.50	µg/L	1.0		3/12/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/12/2019
Bromomethane	ND		0.50	µg/L	1.0		3/12/2019
Chloroethane	ND		0.50	µg/L	1.0		3/12/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/12/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/12/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/12/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/12/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/12/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/12/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/12/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/12/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/12/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/12/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/12/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/12/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/12/2019
Chloroform	44		0.50	µg/L	1.0		3/12/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/12/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/12/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/12/2019
Benzene	ND		0.50	µg/L	1.0		3/12/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/12/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/12/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/12/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/12/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/12/2019
Bromodichloromethane	2.4		0.50	µg/L	1.0		3/12/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/12/2019
Toluene	ND		0.50	µg/L	1.0		3/12/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/12/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/12/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/12/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/12/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/12/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/12/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/12/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/12/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/12/2019
o-Xylene	ND		0.50	µg/L	1.0		3/12/2019
Bromoform	ND		0.50	µg/L	1.0		3/12/2019
Styrene	ND		0.50	µg/L	1.0		3/12/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/12/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/12/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/12/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/12/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-10 622 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-09A

Collected: 3/7/2019 9:30

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/12/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/12/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/12/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/12/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/12/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/12/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/12/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/12/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/12/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/12/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/12/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/12/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/12/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/12/2019
Naphthalene	ND	0.50	µg/L	1.0	3/12/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/12/2019
Surrogate: 1,2-Dichlorobenzene-d4	103	70-130	% Rec	1.0	3/12/2019
Surrogate: Dibromofluoromethane	103	70-130	% Rec	1.0	3/12/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-11 621 Scotts Dr

Lab ID: 1903179-10A

Received: 3/9/2019

Collected: 3/7/2019 9:35

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/13/2019
Chloromethane	ND		0.50	µg/L	1.0		3/13/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/13/2019
Bromomethane	ND		0.50	µg/L	1.0		3/13/2019
Chloroethane	ND		0.50	µg/L	1.0		3/13/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/13/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/13/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/13/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/13/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/13/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/13/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/13/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/13/2019
Chloroform	49		0.50	µg/L	1.0		3/13/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/13/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/13/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
Benzene	ND		0.50	µg/L	1.0		3/13/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/13/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/13/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/13/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Bromodichloromethane	2.5		0.50	µg/L	1.0		3/13/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
Toluene	ND		0.50	µg/L	1.0		3/13/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/13/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/13/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/13/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/13/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/13/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/13/2019
o-Xylene	ND		0.50	µg/L	1.0		3/13/2019
Bromoform	ND		0.50	µg/L	1.0		3/13/2019
Styrene	ND		0.50	µg/L	1.0		3/13/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/13/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/13/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/13/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-11 621 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-10A

Collected: 3/7/2019 9:35

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/13/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/13/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/13/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/13/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/13/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/13/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/13/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Naphthalene	ND	0.50	µg/L	1.0	3/13/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Surrogate: 1,2-Dichlorobenzene-d4	103	70-130	% Rec	1.0	3/13/2019
Surrogate: Dibromofluoromethane	106	70-130	% Rec	1.0	3/13/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-12 619 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-11A

Collected: 3/7/2019 9:40

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/13/2019
Chloromethane	ND		0.50	µg/L	1.0		3/13/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/13/2019
Bromomethane	ND		0.50	µg/L	1.0		3/13/2019
Chloroethane	ND		0.50	µg/L	1.0		3/13/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/13/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/13/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/13/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/13/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/13/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/13/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/13/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/13/2019
Chloroform	45		0.50	µg/L	1.0		3/13/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/13/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/13/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
Benzene	ND		0.50	µg/L	1.0		3/13/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/13/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/13/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/13/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Bromodichloromethane	2.3		0.50	µg/L	1.0		3/13/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
Toluene	ND		0.50	µg/L	1.0		3/13/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/13/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/13/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/13/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/13/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/13/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/13/2019
o-Xylene	ND		0.50	µg/L	1.0		3/13/2019
Bromoform	ND		0.50	µg/L	1.0		3/13/2019
Styrene	ND		0.50	µg/L	1.0		3/13/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/13/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/13/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/13/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-12 619 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-11A

Collected: 3/7/2019 9:40

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/13/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/13/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/13/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/13/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/13/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/13/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/13/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Naphthalene	ND	0.50	µg/L	1.0	3/13/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Surrogate: 1,2-Dichlorobenzene-d4	103	70-130	% Rec	1.0	3/13/2019
Surrogate: Dibromofluoromethane	105	70-130	% Rec	1.0	3/13/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-13 618 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-12A

Collected: 3/7/2019 9:45

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloromethane	ND		0.50	µg/L	1.0		3/11/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/11/2019
Bromomethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroethane	ND		0.50	µg/L	1.0		3/11/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/11/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/11/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/11/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/11/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/11/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/11/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroform	42		0.50	µg/L	1.0		3/11/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/11/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Benzene	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/11/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromodichloromethane	2.2		0.50	µg/L	1.0		3/11/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Toluene	ND		0.50	µg/L	1.0		3/11/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/11/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/11/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/11/2019
o-Xylene	ND		0.50	µg/L	1.0		3/11/2019
Bromoform	ND		0.50	µg/L	1.0		3/11/2019
Styrene	ND		0.50	µg/L	1.0		3/11/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/11/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/11/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-13 618 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-12A

Collected: 3/7/2019 9:45

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/11/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/11/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Naphthalene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Surrogate: 1,2-Dichlorobenzene-d4	101	70-130	% Rec	1.0	3/11/2019
Surrogate: Dibromofluoromethane	100	70-130	% Rec	1.0	3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-14 614 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-13A

Collected: 3/7/2019 9:50

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/14/2019
Chloromethane	ND		0.50	µg/L	1.0		3/14/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/14/2019
Bromomethane	ND		0.50	µg/L	1.0		3/14/2019
Chloroethane	0.58		0.50	µg/L	1.0		3/14/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/14/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/14/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/14/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/14/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/14/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/14/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/14/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/14/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/14/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/14/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/14/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/14/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/14/2019
Chloroform	45		0.50	µg/L	1.0		3/14/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/14/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/14/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/14/2019
Benzene	ND		0.50	µg/L	1.0		3/14/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/14/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/14/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/14/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/14/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/14/2019
Bromodichloromethane	1.4		0.50	µg/L	1.0		3/14/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/14/2019
Toluene	ND		0.50	µg/L	1.0		3/14/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/14/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/14/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/14/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/14/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/14/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/14/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/14/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/14/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/14/2019
o-Xylene	ND		0.50	µg/L	1.0		3/14/2019
Bromoform	ND		0.50	µg/L	1.0		3/14/2019
Styrene	ND		0.50	µg/L	1.0		3/14/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/14/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/14/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/14/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/14/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-14 614 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-13A

Collected: 3/7/2019 9:50

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/14/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/14/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/14/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/14/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/14/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/14/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/14/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/14/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/14/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/14/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/14/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/14/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/14/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/14/2019
Naphthalene	ND	0.50	µg/L	1.0	3/14/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/14/2019
Surrogate: 1,2-Dichlorobenzene-d4	104	70-130	% Rec	1.0	3/14/2019
Surrogate: Dibromofluoromethane	101	70-130	% Rec	1.0	3/14/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-15 615 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-14A

Collected: 3/7/2019 9:55

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/13/2019
Chloromethane	ND		0.50	µg/L	1.0		3/13/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/13/2019
Bromomethane	ND		0.50	µg/L	1.0		3/13/2019
Chloroethane	ND		0.50	µg/L	1.0		3/13/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/13/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/13/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/13/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/13/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/13/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/13/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/13/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/13/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/13/2019
Chloroform	44		0.50	µg/L	1.0		3/13/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/13/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/13/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
Benzene	ND		0.50	µg/L	1.0		3/13/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/13/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/13/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/13/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Bromodichloromethane	1.9		0.50	µg/L	1.0		3/13/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
Toluene	ND		0.50	µg/L	1.0		3/13/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/13/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/13/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/13/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/13/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/13/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/13/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/13/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/13/2019
o-Xylene	ND		0.50	µg/L	1.0		3/13/2019
Bromoform	ND		0.50	µg/L	1.0		3/13/2019
Styrene	ND		0.50	µg/L	1.0		3/13/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/13/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/13/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/13/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/13/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-15 615 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-14A

Collected: 3/7/2019 9:55

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/13/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/13/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/13/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/13/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/13/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/13/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/13/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/13/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Naphthalene	ND	0.50	µg/L	1.0	3/13/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/13/2019
Surrogate: 1,2-Dichlorobenzene-d4	104	70-130	% Rec	1.0	3/13/2019
Surrogate: Dibromofluoromethane	104	70-130	% Rec	1.0	3/13/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-16 Blow Off-615 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-15A

Collected: 3/7/2019 10:00

Test Name: EPA 524.2

Reference: EPA 524.2

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Dichlorodifluoromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloromethane	ND		0.50	µg/L	1.0		3/11/2019
Vinyl Chloride	ND		0.50	µg/L	1.0		3/11/2019
Bromomethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroethane	ND		0.50	µg/L	1.0		3/11/2019
Trichlorofluoromethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichlorotrifluoroethane	ND		0.50	µg/L	1.0		3/11/2019
Methylene Chloride	ND		0.50	µg/L	1.0		3/11/2019
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Methyl tert-butyl ether (MTBE)	ND		3.0	µg/L	1.0		3/11/2019
Tert-butyl alcohol (TBA)	ND		15	µg/L	1.0		3/11/2019
Di-isopropyl ether (DIPE)	ND		3.0	µg/L	1.0		3/11/2019
1,1-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Ethyl tert-butyl ether (ETBE)	ND		3.0	µg/L	1.0		3/11/2019
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		3/11/2019
2,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
Chloroform	27		0.50	µg/L	1.0		3/11/2019
Carbon tetrachloride	ND		0.50	µg/L	1.0		3/11/2019
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
1,1-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Benzene	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Tert-amyl methyl ether (TAME)	ND		3.0	µg/L	1.0		3/11/2019
Trichloroethene	ND		0.50	µg/L	1.0		3/11/2019
Dibromomethane	ND		0.50	µg/L	1.0		3/11/2019
1,2-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Bromodichloromethane	1.8		0.50	µg/L	1.0		3/11/2019
cis-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
Toluene	ND		0.50	µg/L	1.0		3/11/2019
Tetrachloroethene	ND		0.50	µg/L	1.0		3/11/2019
trans-1,3-Dichloropropene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		3/11/2019
Dibromochloromethane	ND		0.50	µg/L	1.0		3/11/2019
1,3-Dichloropropane	ND		0.50	µg/L	1.0		3/11/2019
Chlorobenzene	ND		0.50	µg/L	1.0		3/11/2019
Ethylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,1,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019
m,p-Xylene	ND		0.50	µg/L	1.0		3/11/2019
o-Xylene	ND		0.50	µg/L	1.0		3/11/2019
Bromoform	ND		0.50	µg/L	1.0		3/11/2019
Styrene	ND		0.50	µg/L	1.0		3/11/2019
Isopropylbenzene	ND		0.50	µg/L	1.0		3/11/2019
Bromobenzene	ND		0.50	µg/L	1.0		3/11/2019
n-Propylbenzene	ND		0.50	µg/L	1.0		3/11/2019
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		3/11/2019

Date: 15-Mar-2019

WorkOrder: 1903179

ANALYTICAL REPORT

Client Sample ID: GBC0366-16 Blow Off-615 Scotts Dr

Received: 3/9/2019

Lab ID: 1903179-15A

Collected: 3/7/2019 10:00

2-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichloropropane	ND	0.50	µg/L	1.0	3/11/2019
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
4-Chlorotoluene	ND	0.50	µg/L	1.0	3/11/2019
tert-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1.0	3/11/2019
sec-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
p-Isopropyltoluene	ND	0.50	µg/L	1.0	3/11/2019
1,3-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
1,4-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
n-Butylbenzene	ND	0.50	µg/L	1.0	3/11/2019
1,2-Dichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Hexachlorobutadiene	ND	0.50	µg/L	1.0	3/11/2019
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Naphthalene	ND	0.50	µg/L	1.0	3/11/2019
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1.0	3/11/2019
Surrogate: 1,2-Dichlorobenzene-d4	102	70-130	% Rec	1.0	3/11/2019
Surrogate: Dibromofluoromethane	100	70-130	% Rec	1.0	3/11/2019

North Coast Laboratories, Ltd.

Date: 3/15/2019

CLIENT: Cranmer Analytical Laboratory**Work Order:** 1903179**Project:** GBC0366**QC SUMMARY REPORT**

Method Blank

Sample ID	MB 031119	Batch ID:	R98676	Test Code:	524W	Units:	µg/L	Analysis Date	3/11/2019 9:49:00 AM	Prep Date	
Client ID:		Run ID:	ORGCMS3_190311A	SeqNo:	1403337						
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.50									
Chloromethane	ND	0.50									
Vinyl Chloride	ND	0.50									
Bromomethane	ND	0.50									
Chloroethane	ND	0.50									
Trichlorofluoromethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1,2-Trichlorotrifluoroethane	ND	0.50									
Methylene Chloride	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Methyl tert-butyl ether (MTBE)	ND	3.0									
Tert-butyl alcohol (TBA)	ND	15									
Di-isopropyl ether (DIPE)	ND	3.0									
1,1-Dichloroethane	ND	0.50									
Ethyl tert-butyl ether (ETBE)	ND	3.0									
cis-1,2-Dichloroethene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
Bromochloromethane	ND	0.50									
Chloroform	ND	0.50									
Carbon tetrachloride	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1-Dichloropropene	ND	0.50									
Benzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
Tert-amyl methyl ether (TAME)	ND	3.0									
Trichloroethene	ND	0.50									
Dibromomethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 1 of 12

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Method Blank

Bromodichloromethane	ND	0.50
cis-1,3-Dichloropropene	ND	0.50
Toluene	ND	0.50
Tetrachloroethene	ND	0.50
trans-1,3-Dichloropropene	ND	0.50
1,1,2-Trichloroethane	ND	0.50
Dibromochloromethane	ND	0.50
1,3-Dichloropropane	ND	0.50
Chlorobenzene	ND	0.50
Ethylbenzene	ND	0.50
1,1,1,2-Tetrachloroethane	ND	0.50
m,p-Xylene	ND	0.50
o-Xylene	ND	0.50
Bromoform	ND	0.50
Styrene	ND	0.50
Isopropylbenzene	ND	0.50
Bromobenzene	ND	0.50
n-Propylbenzene	ND	0.50
1,1,2,2-Tetrachloroethane	ND	0.50
2-Chlorotoluene	ND	0.50
1,2,3-Trichloropropane	ND	0.50
1,3,5-Trimethylbenzene	ND	0.50
4-Chlorotoluene	ND	0.50
tert-Butylbenzene	ND	0.50
1,2,4-Trimethylbenzene	ND	0.50
sec-Butylbenzene	ND	0.50
p-Isopropyltoluene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
n-Butylbenzene	ND	0.50
1,2-Dichlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
Naphthalene	ND	0.50

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 2 of 12

CLIENT: Cranmer Analytical Laboratory**Work Order:** 1903179**Project:** GBC0366**QC SUMMARY REPORT**

Method Blank

1,2,3-Trichlorobenzene	ND	0.50						
Surrogate: Dibromofluoromethane	0.980	0.10	1.00	0	98.0%	70	130	0
Surrogate: 1,2-Dichlorobenzene-d4	0.990	0.10	1.00	0	99.0%	70	130	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 3 of 12

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Method Blank

Sample ID	MB 031219	Batch ID:	R98687	Test Code:	524W	Units:	µg/L	Analysis Date	3/12/2019 10:50:00 AM	Prep Date	
Client ID:		Run ID:	ORGCMS2_190311A	SeqNo:	1403514						
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.50									
Chloromethane	ND	0.50									
Vinyl Chloride	ND	0.50									
Bromomethane	ND	0.50									
Chloroethane	ND	0.50									
Trichlorofluoromethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1,2-Trichlorotrifluoroethane	ND	0.50									
Methylene Chloride	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Methyl tert-butyl ether (MTBE)	ND	3.0									
Tert-butyl alcohol (TBA)	ND	15									
Di-isopropyl ether (DIPE)	ND	3.0									
1,1-Dichloroethane	ND	0.50									
Ethyl tert-butyl ether (ETBE)	ND	3.0									
cis-1,2-Dichloroethene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
Bromochloromethane	ND	0.50									
Chloroform	ND	0.50									
Carbon tetrachloride	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1-Dichloropropene	ND	0.50									
Benzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
Tert-amyl methyl ether (TAME)	ND	3.0									
Trichloroethene	ND	0.50									
Dibromomethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
Bromodichloromethane	ND	0.50									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Method Blank

cis-1,3-Dichloropropene	ND	0.50
Toluene	ND	0.50
Tetrachloroethene	ND	0.50
trans-1,3-Dichloropropene	ND	0.50
1,1,2-Trichloroethane	ND	0.50
Dibromochloromethane	ND	0.50
1,3-Dichloropropane	ND	0.50
Chlorobenzene	ND	0.50
Ethylbenzene	ND	0.50
1,1,1,2-Tetrachloroethane	ND	0.50
m,p-Xylene	ND	0.50
o-Xylene	ND	0.50
Bromoform	ND	0.50
Styrene	ND	0.50
Isopropylbenzene	ND	0.50
Bromobenzene	ND	0.50
n-Propylbenzene	ND	0.50
1,1,2,2-Tetrachloroethane	ND	0.50
2-Chlorotoluene	ND	0.50
1,2,3-Trichloropropane	ND	0.50
1,3,5-Trimethylbenzene	ND	0.50
4-Chlorotoluene	ND	0.50
tert-Butylbenzene	ND	0.50
1,2,4-Trimethylbenzene	ND	0.50
sec-Butylbenzene	ND	0.50
p-Isopropyltoluene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
n-Butylbenzene	ND	0.50
1,2-Dichlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
Naphthalene	ND	0.50
1,2,3-Trichlorobenzene	ND	0.50

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 5 of 12

CLIENT: Cranmer Analytical Laboratory

Work Order: 1903179

Project: GBC0366

QC SUMMARY REPORT

Method Blank

Surrogate: Dibromofluoromethane	1.05	0.10	1.00	0	105%	70	130	0
Surrogate: 1,2-Dichlorobenzene-d4	0.999	0.10	1.00	0	99.9%	70	130	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 6 of 12

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Method Blank

Sample ID	MB 031319	Batch ID:	R98701	Test Code:	524W	Units:	µg/L	Analysis Date	3/13/2019 11:12:00 AM	Prep Date	
Client ID:		Run ID:	ORGCMS2_190313A	SeqNo:	1403779						
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.50									
Chloromethane	ND	0.50									
Vinyl Chloride	ND	0.50									
Bromomethane	ND	0.50									
Chloroethane	ND	0.50									
Trichlorofluoromethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1,2-Trichlorotrifluoroethane	ND	0.50									
Methylene Chloride	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Methyl tert-butyl ether (MTBE)	ND	3.0									
Tert-butyl alcohol (TBA)	ND	15									
Di-isopropyl ether (DIPE)	ND	3.0									
1,1-Dichloroethane	ND	0.50									
Ethyl tert-butyl ether (ETBE)	ND	3.0									
cis-1,2-Dichloroethene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
Bromochloromethane	ND	0.50									
Chloroform	ND	0.50									
Carbon tetrachloride	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1-Dichloropropene	ND	0.50									
Benzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
Tert-amyl methyl ether (TAME)	ND	3.0									
Trichloroethene	ND	0.50									
Dibromomethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
Bromodichloromethane	ND	0.50									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 7 of 12

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Method Blank

cis-1,3-Dichloropropene	ND	0.50
Toluene	ND	0.50
Tetrachloroethene	ND	0.50
trans-1,3-Dichloropropene	ND	0.50
1,1,2-Trichloroethane	ND	0.50
Dibromochloromethane	ND	0.50
1,3-Dichloropropane	ND	0.50
Chlorobenzene	ND	0.50
Ethylbenzene	ND	0.50
1,1,1,2-Tetrachloroethane	ND	0.50
m,p-Xylene	ND	0.50
o-Xylene	ND	0.50
Bromoform	ND	0.50
Styrene	ND	0.50
Isopropylbenzene	ND	0.50
Bromobenzene	ND	0.50
n-Propylbenzene	ND	0.50
1,1,2,2-Tetrachloroethane	ND	0.50
2-Chlorotoluene	ND	0.50
1,2,3-Trichloropropane	ND	0.50
1,3,5-Trimethylbenzene	ND	0.50
4-Chlorotoluene	ND	0.50
tert-Butylbenzene	ND	0.50
1,2,4-Trimethylbenzene	ND	0.50
sec-Butylbenzene	ND	0.50
p-Isopropyltoluene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
n-Butylbenzene	ND	0.50
1,2-Dichlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
Naphthalene	ND	0.50
1,2,3-Trichlorobenzene	ND	0.50

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 8 of 12

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT
Method Blank

Surrogate: Dibromofluoromethane	1.10	0.10	1.00	0	110%	70	130	0
Surrogate: 1,2-Dichlorobenzene-d4	1.02	0.10	1.00	0	102%	70	130	0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Method Blank

Sample ID	MB 031419	Batch ID:	R98720	Test Code:	524W	Units:	µg/L	Analysis Date	3/14/2019 10:44:00 AM	Prep Date	
Client ID:		Run ID:	ORGCMS3_190314A	SeqNo:	1404048						
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.50									
Chloromethane	ND	0.50									
Vinyl Chloride	ND	0.50									
Bromomethane	ND	0.50									
Chloroethane	ND	0.50									
Trichlorofluoromethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1,2-Trichlorotrifluoroethane	ND	0.50									
Methylene Chloride	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Methyl tert-butyl ether (MTBE)	ND	3.0									
Tert-butyl alcohol (TBA)	ND	15									
Di-isopropyl ether (DIPE)	ND	3.0									
1,1-Dichloroethane	ND	0.50									
Ethyl tert-butyl ether (ETBE)	ND	3.0									
cis-1,2-Dichloroethene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
Bromochloromethane	ND	0.50									
Chloroform	ND	0.50									
Carbon tetrachloride	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1-Dichloropropene	ND	0.50									
Benzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
Tert-amyl methyl ether (TAME)	ND	3.0									
Trichloroethene	ND	0.50									
Dibromomethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
Bromodichloromethane	ND	0.50									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Method Blank

cis-1,3-Dichloropropene	ND	0.50
Toluene	ND	0.50
Tetrachloroethene	ND	0.50
trans-1,3-Dichloropropene	ND	0.50
1,1,2-Trichloroethane	ND	0.50
Dibromochloromethane	ND	0.50
1,3-Dichloropropane	ND	0.50
Chlorobenzene	ND	0.50
Ethylbenzene	ND	0.50
1,1,1,2-Tetrachloroethane	ND	0.50
m,p-Xylene	ND	0.50
o-Xylene	ND	0.50
Bromoform	ND	0.50
Styrene	ND	0.50
Isopropylbenzene	ND	0.50
Bromobenzene	ND	0.50
n-Propylbenzene	ND	0.50
1,1,2,2-Tetrachloroethane	ND	0.50
2-Chlorotoluene	ND	0.50
1,2,3-Trichloropropane	ND	0.50
1,3,5-Trimethylbenzene	ND	0.50
4-Chlorotoluene	ND	0.50
tert-Butylbenzene	ND	0.50
1,2,4-Trimethylbenzene	ND	0.50
sec-Butylbenzene	ND	0.50
p-Isopropyltoluene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
n-Butylbenzene	ND	0.50
1,2-Dichlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
Naphthalene	ND	0.50
1,2,3-Trichlorobenzene	ND	0.50

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 11 of 12

CLIENT: Cranmer Analytical Laboratory

Work Order: 1903179

Project: GBC0366

QC SUMMARY REPORT

Method Blank

Surrogate: Dibromofluoromethane	1.01	0.10	1.00	0	101%	70	130	0
Surrogate: 1,2-Dichlorobenzene-d4	1.02	0.10	1.00	0	102%	70	130	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 12 of 12

North Coast Laboratories, Ltd.

Date: 3/15/2019

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID	LCS-19049	Batch ID:	R98676	Test Code:	524W	Units:	µg/L	Analysis Date	3/11/2019 9:15:00 AM	Prep Date	
Client ID:		Run ID:	ORGCMS3_190311A	SeqNo:	1403336						
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	3.758	0.50	5.00	0	75.2%	70	130	0			
Chloromethane	4.510	0.50	5.00	0	90.2%	70	130	0			
Vinyl Chloride	4.350	0.50	5.00	0	87.0%	70	130	0			
Bromomethane	5.042	0.50	5.00	0	101%	70	130	0			
Chloroethane	4.528	0.50	5.00	0	90.6%	70	130	0			
Trichlorofluoromethane	4.473	0.50	5.00	0	89.5%	70	130	0			
1,1-Dichloroethene	4.704	0.50	5.00	0	94.1%	70	130	0			
1,1,2-Trichlorotrifluoroethane	4.514	0.50	5.00	0	90.3%	70	130	0			
Methylene Chloride	4.608	0.50	5.00	0	92.2%	70	130	0			
trans-1,2-Dichloroethene	4.671	0.50	5.00	0	93.4%	70	130	0			
Methyl tert-butyl ether (MTBE)	4.287	3.0	5.00	0	85.7%	70	130	0			
Tert-butyl alcohol (TBA)	66.72	15	100	0	66.7%	70	130	0			S
Di-isopropyl ether (DIPE)	4.596	3.0	5.00	0	91.9%	70	130	0			
1,1-Dichloroethane	4.823	0.50	5.00	0	96.5%	70	130	0			
Ethyl tert-butyl ether (ETBE)	4.640	3.0	5.00	0	92.8%	70	130	0			
cis-1,2-Dichloroethene	4.715	0.50	5.00	0	94.3%	70	130	0			
2,2-Dichloropropane	5.242	0.50	5.00	0	105%	70	130	0			
Bromochloromethane	4.220	0.50	5.00	0	84.4%	70	130	0			
Chloroform	4.688	0.50	5.00	0	93.8%	70	130	0			
Carbon tetrachloride	4.659	0.50	5.00	0	93.2%	70	130	0			
1,1,1-Trichloroethane	4.826	0.50	5.00	0	96.5%	70	130	0			
1,1-Dichloropropene	4.602	0.50	5.00	0	92.0%	70	130	0			
Benzene	4.613	0.50	5.00	0	92.3%	70	130	0			
1,2-Dichloroethane	4.480	0.50	5.00	0	89.6%	70	130	0			
Tert-amyl methyl ether (TAME)	4.392	3.0	5.00	0	87.8%	70	130	0			
Trichloroethene	4.565	0.50	5.00	0	91.3%	70	130	0			
Dibromomethane	4.266	0.50	5.00	0	85.3%	70	130	0			
1,2-Dichloropropane	4.705	0.50	5.00	0	94.1%	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 1 of 12

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Laboratory Control Spike

Bromodichloromethane	4.673	0.50	5.00	0	93.5%	70	130	0
cis-1,3-Dichloropropene	4.526	0.50	5.00	0	90.5%	70	130	0
Toluene	4.666	0.50	5.00	0	93.3%	70	130	0
Tetrachloroethene	4.508	0.50	5.00	0	90.2%	70	130	0
trans-1,3-Dichloropropene	3.707	0.50	5.00	0	74.1%	70	130	0
1,1,2-Trichloroethane	4.013	0.50	5.00	0	80.3%	70	130	0
Dibromochloromethane	4.636	0.50	5.00	0	92.7%	70	130	0
1,3-Dichloropropane	4.449	0.50	5.00	0	89.0%	70	130	0
Chlorobenzene	4.861	0.50	5.00	0	97.2%	70	130	0
Ethylbenzene	4.768	0.50	5.00	0	95.4%	70	130	0
1,1,1,2-Tetrachloroethane	4.918	0.50	5.00	0	98.4%	70	130	0
m,p-Xylene	9.786	0.50	10.0	0	97.9%	70	130	0
o-Xylene	4.853	0.50	5.00	0	97.1%	70	130	0
Bromoform	4.358	0.50	5.00	0	87.2%	70	130	0
Styrene	5.041	0.50	5.00	0	101%	70	130	0
Isopropylbenzene	4.717	0.50	5.00	0	94.3%	70	130	0
Bromobenzene	4.760	0.50	5.00	0	95.2%	70	130	0
n-Propylbenzene	4.928	0.50	5.00	0	98.6%	70	130	0
1,1,2,2-Tetrachloroethane	3.918	0.50	5.00	0	78.4%	70	130	0
2-Chlorotoluene	4.859	0.50	5.00	0	97.2%	70	130	0
1,2,3-Trichloropropane	3.888	0.50	5.00	0	77.8%	70	130	0
1,3,5-Trimethylbenzene	5.100	0.50	5.00	0	102%	70	130	0
4-Chlorotoluene	4.874	0.50	5.00	0	97.5%	70	130	0
tert-Butylbenzene	4.897	0.50	5.00	0	97.9%	70	130	0
1,2,4-Trimethylbenzene	5.054	0.50	5.00	0	101%	70	130	0
sec-Butylbenzene	4.887	0.50	5.00	0	97.7%	70	130	0
p-Isopropyltoluene	4.934	0.50	5.00	0	98.7%	70	130	0
1,3-Dichlorobenzene	4.894	0.50	5.00	0	97.9%	70	130	0
1,4-Dichlorobenzene	4.701	0.50	5.00	0	94.0%	70	130	0
n-Butylbenzene	4.731	0.50	5.00	0	94.6%	70	130	0
1,2-Dichlorobenzene	4.603	0.50	5.00	0	92.1%	70	130	0
Hexachlorobutadiene	4.500	0.50	5.00	0	90.0%	70	130	0
1,2,4-Trichlorobenzene	4.380	0.50	5.00	0	87.6%	70	130	0
Naphthalene	3.262	0.50	5.00	0	65.3%	70	130	0

S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 2 of 12

CLIENT: Cranmer Analytical Laboratory**Work Order:** 1903179**Project:** GBC0366**QC SUMMARY REPORT**

Laboratory Control Spike

1,2,3-Trichlorobenzene	4.158	0.50	5.00	0	83.2%	70	130	0
Surrogate: Dibromofluoromethane	1.00	0.10	1.00	0	100%	70	130	0
Surrogate: 1,2-Dichlorobenzene-d4	0.940	0.10	1.00	0	94.0%	70	130	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 3 of 12

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID	LCS-19050	Batch ID:	R98687	Test Code:	524W	Units:	µg/L	Analysis Date	3/12/2019 10:15:00 AM	Prep Date	
Client ID:		Run ID:	ORGCMS2_190311A	SeqNo:	1403513						
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	6.475	0.50	5.00	0	130%	70	130	0			
Chloromethane	6.713	0.50	5.00	0	134%	70	130	0			S
Vinyl Chloride	5.070	0.50	5.00	0	101%	70	130	0			
Bromomethane	6.620	0.50	5.00	0	132%	70	130	0			S
Chloroethane	6.402	0.50	5.00	0	128%	70	130	0			
Trichlorofluoromethane	6.217	0.50	5.00	0	124%	70	130	0			
1,1-Dichloroethene	4.810	0.50	5.00	0	96.2%	70	130	0			
1,1,2-Trichlorotrifluoroethane	3.897	0.50	5.00	0	77.9%	70	130	0			
Methylene Chloride	4.859	0.50	5.00	0	97.2%	70	130	0			
trans-1,2-Dichloroethene	5.262	0.50	5.00	0	105%	70	130	0			
Methyl tert-butyl ether (MTBE)	3.746	3.0	5.00	0	74.9%	70	130	0			
Tert-butyl alcohol (TBA)	51.47	15	100	0	51.5%	70	130	0			S
Di-isopropyl ether (DIPE)	4.678	3.0	5.00	0	93.6%	70	130	0			
1,1-Dichloroethane	5.319	0.50	5.00	0	106%	70	130	0			
Ethyl tert-butyl ether (ETBE)	4.120	3.0	5.00	0	82.4%	70	130	0			
cis-1,2-Dichloroethene	5.390	0.50	5.00	0	108%	70	130	0			
2,2-Dichloropropane	4.438	0.50	5.00	0	88.8%	70	130	0			
Bromochloromethane	5.192	0.50	5.00	0	104%	70	130	0			
Chloroform	5.371	0.50	5.00	0	107%	70	130	0			
Carbon tetrachloride	4.442	0.50	5.00	0	88.8%	70	130	0			
1,1,1-Trichloroethane	4.869	0.50	5.00	0	97.4%	70	130	0			
1,1-Dichloropropene	4.779	0.50	5.00	0	95.6%	70	130	0			
Benzene	5.194	0.50	5.00	0	104%	70	130	0			
1,2-Dichloroethane	4.576	0.50	5.00	0	91.5%	70	130	0			
Tert-amyl methyl ether (TAME)	3.711	3.0	5.00	0	74.2%	70	130	0			
Trichloroethene	5.038	0.50	5.00	0	101%	70	130	0			
Dibromomethane	4.260	0.50	5.00	0	85.2%	70	130	0			
1,2-Dichloropropane	4.914	0.50	5.00	0	98.3%	70	130	0			
Bromodichloromethane	4.924	0.50	5.00	0	98.5%	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Laboratory Control Spike

cis-1,3-Dichloropropene	4.606	0.50	5.00	0	92.1%	70	130	0
Toluene	5.077	0.50	5.00	0	102%	70	130	0
Tetrachloroethene	4.858	0.50	5.00	0	97.2%	70	130	0
trans-1,3-Dichloropropene	4.004	0.50	5.00	0	80.1%	70	130	0
1,1,2-Trichloroethane	3.951	0.50	5.00	0	79.0%	70	130	0
Dibromochloromethane	4.125	0.50	5.00	0	82.5%	70	130	0
1,3-Dichloropropane	4.082	0.50	5.00	0	81.6%	70	130	0
Chlorobenzene	5.065	0.50	5.00	0	101%	70	130	0
Ethylbenzene	4.970	0.50	5.00	0	99.4%	70	130	0
1,1,1,2-Tetrachloroethane	4.600	0.50	5.00	0	92.0%	70	130	0
m,p-Xylene	10.47	0.50	10.0	0	105%	70	130	0
o-Xylene	5.047	0.50	5.00	0	101%	70	130	0
Bromoform	3.640	0.50	5.00	0	72.8%	70	130	0
Styrene	5.104	0.50	5.00	0	102%	70	130	0
Isopropylbenzene	4.969	0.50	5.00	0	99.4%	70	130	0
Bromobenzene	4.958	0.50	5.00	0	99.2%	70	130	0
n-Propylbenzene	5.171	0.50	5.00	0	103%	70	130	0
1,1,2,2-Tetrachloroethane	3.538	0.50	5.00	0	70.8%	70	130	0
2-Chlorotoluene	5.332	0.50	5.00	0	107%	70	130	0
1,2,3-Trichloropropane	3.507	0.50	5.00	0	70.1%	70	130	0
1,3,5-Trimethylbenzene	5.244	0.50	5.00	0	105%	70	130	0
4-Chlorotoluene	5.319	0.50	5.00	0	106%	70	130	0
tert-Butylbenzene	5.022	0.50	5.00	0	100%	70	130	0
1,2,4-Trimethylbenzene	5.344	0.50	5.00	0	107%	70	130	0
sec-Butylbenzene	5.132	0.50	5.00	0	103%	70	130	0
p-Isopropyltoluene	5.175	0.50	5.00	0	103%	70	130	0
1,3-Dichlorobenzene	5.285	0.50	5.00	0	106%	70	130	0
1,4-Dichlorobenzene	5.203	0.50	5.00	0	104%	70	130	0
n-Butylbenzene	5.160	0.50	5.00	0	103%	70	130	0
1,2-Dichlorobenzene	5.005	0.50	5.00	0	100%	70	130	0
Hexachlorobutadiene	5.007	0.50	5.00	0	100%	70	130	0
1,2,4-Trichlorobenzene	4.580	0.50	5.00	0	91.6%	70	130	0
Naphthalene	3.410	0.50	5.00	0	68.2%	70	130	0
1,2,3-Trichlorobenzene	4.187	0.50	5.00	0	83.7%	70	130	0

S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 5 of 12

CLIENT: Cranmer Analytical Laboratory**Work Order:** 1903179**Project:** GBC0366**QC SUMMARY REPORT**

Laboratory Control Spike

Surrogate: Dibromofluoromethane	1.03	0.10	1.00	0	103%	70	130	0
Surrogate: 1,2-Dichlorobenzene-d4	0.976	0.10	1.00	0	97.6%	70	130	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 6 of 12

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID	LCS-19052	Batch ID:	R98701	Test Code:	524W	Units:	µg/L	Analysis Date	3/13/2019 10:26:00 AM	Prep Date	
Client ID:		Run ID:	ORGCMS2_190313A	SeqNo:	1403778						
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	6.403	0.50	5.00	0	128%	70	130	0			
Chloromethane	7.966	0.50	5.00	0	159%	70	130	0			S
Vinyl Chloride	5.000	0.50	5.00	0	100%	70	130	0			
Bromomethane	6.473	0.50	5.00	0	129%	70	130	0			
Chloroethane	6.676	0.50	5.00	0	134%	70	130	0			S
Trichlorofluoromethane	6.395	0.50	5.00	0	128%	70	130	0			
1,1-Dichloroethene	4.932	0.50	5.00	0	98.6%	70	130	0			
1,1,2-Trichlorotrifluoroethane	4.936	0.50	5.00	0	98.7%	70	130	0			
Methylene Chloride	4.811	0.50	5.00	0	96.2%	70	130	0			
trans-1,2-Dichloroethene	5.172	0.50	5.00	0	103%	70	130	0			
Methyl tert-butyl ether (MTBE)	3.729	3.0	5.00	0	74.6%	70	130	0			
Tert-butyl alcohol (TBA)	51.34	15	100	0	51.3%	70	130	0			S
Di-isopropyl ether (DIPE)	4.512	3.0	5.00	0	90.2%	70	130	0			
1,1-Dichloroethane	5.081	0.50	5.00	0	102%	70	130	0			
Ethyl tert-butyl ether (ETBE)	4.106	3.0	5.00	0	82.1%	70	130	0			
cis-1,2-Dichloroethene	4.949	0.50	5.00	0	99.0%	70	130	0			
2,2-Dichloropropane	4.905	0.50	5.00	0	98.1%	70	130	0			
Bromochloromethane	5.083	0.50	5.00	0	102%	70	130	0			
Chloroform	5.192	0.50	5.00	0	104%	70	130	0			
Carbon tetrachloride	5.139	0.50	5.00	0	103%	70	130	0			
1,1,1-Trichloroethane	5.214	0.50	5.00	0	104%	70	130	0			
1,1-Dichloropropene	4.990	0.50	5.00	0	99.8%	70	130	0			
Benzene	4.921	0.50	5.00	0	98.4%	70	130	0			
1,2-Dichloroethane	4.505	0.50	5.00	0	90.1%	70	130	0			
Tert-amyl methyl ether (TAME)	3.730	3.0	5.00	0	74.6%	70	130	0			
Trichloroethene	5.030	0.50	5.00	0	101%	70	130	0			
Dibromomethane	4.300	0.50	5.00	0	86.0%	70	130	0			
1,2-Dichloropropane	4.822	0.50	5.00	0	96.4%	70	130	0			
Bromodichloromethane	5.019	0.50	5.00	0	100%	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Laboratory Control Spike

cis-1,3-Dichloropropene	4.700	0.50	5.00	0	94.0%	70	130	0	
Toluene	4.718	0.50	5.00	0	94.4%	70	130	0	
Tetrachloroethene	4.853	0.50	5.00	0	97.1%	70	130	0	
trans-1,3-Dichloropropene	4.298	0.50	5.00	0	86.0%	70	130	0	
1,1,2-Trichloroethane	4.001	0.50	5.00	0	80.0%	70	130	0	
Dibromochloromethane	4.399	0.50	5.00	0	88.0%	70	130	0	
1,3-Dichloropropane	3.900	0.50	5.00	0	78.0%	70	130	0	
Chlorobenzene	4.694	0.50	5.00	0	93.9%	70	130	0	
Ethylbenzene	4.586	0.50	5.00	0	91.7%	70	130	0	
1,1,1,2-Tetrachloroethane	4.406	0.50	5.00	0	88.1%	70	130	0	
m,p-Xylene	9.596	0.50	10.0	0	96.0%	70	130	0	
o-Xylene	4.627	0.50	5.00	0	92.5%	70	130	0	
Bromoform	4.099	0.50	5.00	0	82.0%	70	130	0	
Styrene	4.823	0.50	5.00	0	96.5%	70	130	0	
Isopropylbenzene	4.817	0.50	5.00	0	96.3%	70	130	0	
Bromobenzene	4.745	0.50	5.00	0	94.9%	70	130	0	
n-Propylbenzene	4.940	0.50	5.00	0	98.8%	70	130	0	
1,1,2,2-Tetrachloroethane	3.445	0.50	5.00	0	68.9%	70	130	0	S
2-Chlorotoluene	5.009	0.50	5.00	0	100%	70	130	0	
1,2,3-Trichloropropane	3.445	0.50	5.00	0	68.9%	70	130	0	S
1,3,5-Trimethylbenzene	4.927	0.50	5.00	0	98.5%	70	130	0	
4-Chlorotoluene	5.055	0.50	5.00	0	101%	70	130	0	
tert-Butylbenzene	4.882	0.50	5.00	0	97.6%	70	130	0	
1,2,4-Trimethylbenzene	5.023	0.50	5.00	0	100%	70	130	0	
sec-Butylbenzene	4.978	0.50	5.00	0	99.6%	70	130	0	
p-Isopropyltoluene	5.080	0.50	5.00	0	102%	70	130	0	
1,3-Dichlorobenzene	5.169	0.50	5.00	0	103%	70	130	0	
1,4-Dichlorobenzene	4.994	0.50	5.00	0	99.9%	70	130	0	
n-Butylbenzene	5.050	0.50	5.00	0	101%	70	130	0	
1,2-Dichlorobenzene	4.873	0.50	5.00	0	97.5%	70	130	0	
Hexachlorobutadiene	5.178	0.50	5.00	0	104%	70	130	0	
1,2,4-Trichlorobenzene	4.565	0.50	5.00	0	91.3%	70	130	0	
Naphthalene	3.383	0.50	5.00	0	67.7%	70	130	0	S
1,2,3-Trichlorobenzene	4.333	0.50	5.00	0	86.7%	70	130	0	

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Page 8 of 12

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT
Laboratory Control Spike

Surrogate: Dibromofluoromethane	1.05	0.10	1.00	0	105%	70	130	0
Surrogate: 1,2-Dichlorobenzene-d4	0.995	0.10	1.00	0	99.5%	70	130	0

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID	LCS-19053	Batch ID:	R98720	Test Code:	524W	Units:	µg/L	Analysis Date	3/14/2019 10:13:00 AM	Prep Date	
Client ID:		Run ID:	ORGCMS3_190314A	SeqNo:	1404047						
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	4.450	0.50	5.00	0	89.0%	70	130	0			
Chloromethane	5.004	0.50	5.00	0	100%	70	130	0			
Vinyl Chloride	5.229	0.50	5.00	0	105%	70	130	0			
Bromomethane	6.431	0.50	5.00	0	129%	70	130	0			
Chloroethane	5.869	0.50	5.00	0	117%	70	130	0			
Trichlorofluoromethane	5.731	0.50	5.00	0	115%	70	130	0			
1,1-Dichloroethene	6.707	0.50	5.00	0	134%	70	130	0			S
1,1,2-Trichlorotrifluoroethane	7.008	0.50	5.00	0	140%	70	130	0			S
Methylene Chloride	6.105	0.50	5.00	0	122%	70	130	0			
trans-1,2-Dichloroethene	6.434	0.50	5.00	0	129%	70	130	0			
Methyl tert-butyl ether (MTBE)	5.285	3.0	5.00	0	106%	70	130	0			
Tert-butyl alcohol (TBA)	74.79	15	100	0	74.8%	70	130	0			
Di-isopropyl ether (DIPE)	6.025	3.0	5.00	0	120%	70	130	0			
1,1-Dichloroethane	6.449	0.50	5.00	0	129%	70	130	0			
Ethyl tert-butyl ether (ETBE)	5.745	3.0	5.00	0	115%	70	130	0			
cis-1,2-Dichloroethene	6.106	0.50	5.00	0	122%	70	130	0			
2,2-Dichloropropane	6.959	0.50	5.00	0	139%	70	130	0			S
Bromochloromethane	4.985	0.50	5.00	0	99.7%	70	130	0			
Chloroform	6.022	0.50	5.00	0	120%	70	130	0			
Carbon tetrachloride	6.492	0.50	5.00	0	130%	70	130	0			
1,1,1-Trichloroethane	6.253	0.50	5.00	0	125%	70	130	0			
1,1-Dichloropropene	6.355	0.50	5.00	0	127%	70	130	0			
Benzene	6.001	0.50	5.00	0	120%	70	130	0			
1,2-Dichloroethane	5.432	0.50	5.00	0	109%	70	130	0			
Tert-amyl methyl ether (TAME)	5.179	3.0	5.00	0	104%	70	130	0			
Trichloroethene	6.168	0.50	5.00	0	123%	70	130	0			
Dibromomethane	5.166	0.50	5.00	0	103%	70	130	0			
1,2-Dichloropropane	5.760	0.50	5.00	0	115%	70	130	0			
Bromodichloromethane	5.847	0.50	5.00	0	117%	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit
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CLIENT: Cranmer Analytical Laboratory
Work Order: 1903179
Project: GBC0366

QC SUMMARY REPORT

Laboratory Control Spike

cis-1,3-Dichloropropene	5.472	0.50	5.00	0	109%	70	130	0
Toluene	5.958	0.50	5.00	0	119%	70	130	0
Tetrachloroethene	6.181	0.50	5.00	0	124%	70	130	0
trans-1,3-Dichloropropene	4.533	0.50	5.00	0	90.7%	70	130	0
1,1,2-Trichloroethane	5.108	0.50	5.00	0	102%	70	130	0
Dibromochloromethane	5.701	0.50	5.00	0	114%	70	130	0
1,3-Dichloropropane	5.210	0.50	5.00	0	104%	70	130	0
Chlorobenzene	5.992	0.50	5.00	0	120%	70	130	0
Ethylbenzene	5.986	0.50	5.00	0	120%	70	130	0
1,1,1,2-Tetrachloroethane	5.768	0.50	5.00	0	115%	70	130	0
m,p-Xylene	12.32	0.50	10.0	0	123%	70	130	0
o-Xylene	5.927	0.50	5.00	0	119%	70	130	0
Bromoform	5.449	0.50	5.00	0	109%	70	130	0
Styrene	6.098	0.50	5.00	0	122%	70	130	0
Isopropylbenzene	6.026	0.50	5.00	0	121%	70	130	0
Bromobenzene	5.663	0.50	5.00	0	113%	70	130	0
n-Propylbenzene	6.308	0.50	5.00	0	126%	70	130	0
1,1,2,2-Tetrachloroethane	4.809	0.50	5.00	0	96.2%	70	130	0
2-Chlorotoluene	6.080	0.50	5.00	0	122%	70	130	0
1,2,3-Trichloropropane	4.823	0.50	5.00	0	96.5%	70	130	0
1,3,5-Trimethylbenzene	6.183	0.50	5.00	0	124%	70	130	0
4-Chlorotoluene	6.277	0.50	5.00	0	126%	70	130	0
tert-Butylbenzene	6.242	0.50	5.00	0	125%	70	130	0
1,2,4-Trimethylbenzene	5.938	0.50	5.00	0	119%	70	130	0
sec-Butylbenzene	6.405	0.50	5.00	0	128%	70	130	0
p-Isopropyltoluene	6.248	0.50	5.00	0	125%	70	130	0
1,3-Dichlorobenzene	6.102	0.50	5.00	0	122%	70	130	0
1,4-Dichlorobenzene	5.779	0.50	5.00	0	116%	70	130	0
n-Butylbenzene	6.333	0.50	5.00	0	127%	70	130	0
1,2-Dichlorobenzene	5.747	0.50	5.00	0	115%	70	130	0
Hexachlorobutadiene	5.921	0.50	5.00	0	118%	70	130	0
1,2,4-Trichlorobenzene	5.358	0.50	5.00	0	107%	70	130	0
Naphthalene	3.885	0.50	5.00	0	77.7%	70	130	0
1,2,3-Trichlorobenzene	5.588	0.50	5.00	0	112%	70	130	0

Qualifiers: ND - Not Detected at the Reporting Limit
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Page 11 of 12

CLIENT: Cranmer Analytical Laboratory

Work Order: 1903179

Project: GBC0366

QC SUMMARY REPORT

Laboratory Control Spike

Surrogate: Dibromofluoromethane	1.00	0.10	1.00	0	100%	70	130	0
Surrogate: 1,2-Dichlorobenzene-d4	0.970	0.10	1.00	0	97.0%	70	130	0

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank

Page 12 of 12

**Sending Laboratory:**

CEI
1188 East Main Street
Grass Valley, CA 98021
Phone: 530-273-7284
Fax: -

Project Manager: Justin Smith

Subcontracted Laboratory:

North Coast Laboratories LTD
5680 West End Road
Arcata, CA 955219202
Phone: (707) 822-4649
Fax:

Work Order: GBC0366

Analysis	Comments
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Sample ID: GBC0366-01 Travel Blank

Drinking Water Sampled: 03/07/2019 00:00

Cancelled not shipped

Volatile Organic Compounds (VOCs)

Containers Supplied:

VOA w/HCl (A) VOA w/HCl (B) VOA w/HCl (C)

Sample ID: GBC0366-02 HYD 5575 Sierra Park 1st Dr

Drinking Water Sampled: 03/07/2019 08:15

Volatile Organic Compounds (VOCs)

Containers Supplied:

VOA w/HCl (A) VOA w/HCl (B) VOA w/HCl (C)

Sample ID: GBC0366-03 HYD 5575 Sierra Park 2nd Dr

Drinking Water Sampled: 03/07/2019 08:20

Volatile Organic Compounds (VOCs)

Containers Supplied:

VOA w/HCl (A) VOA w/HCl (B) VOA w/HCl (C)

Sample ID: GBC0366-04 5571 Logan Dr

Drinking Water Sampled: 03/07/2019 08:30

Volatile Organic Compounds (VOCs)

Containers Supplied:

VOA w/HCl (A) VOA w/HCl (B) VOA w/HCl (C)

Sample ID: GBC0366-05 5565 Logan Dr

Drinking Water Sampled: 03/07/2019 00:35

Volatile Organic Compounds (VOCs)

Containers Supplied:

VOA w/HCl (A) VOA w/HCl (B) VOA w/HCl (C)

EDT Upload YES ☐ NO ☐

HAS/CAT
Released By

3/8/19
Date

1.2°C
Received By

3/8/19
Date

SUBCONTRACT ORDER

(Continued)



Cranmer Engineering, Inc.
Integrated Engineering Services

Work Order: GBC0366 (Continued)

Analysis	Comments
Sample ID: GBC0366-06 5566 Logan Dr	
<i>Drinking Water Sampled: 03/07/2019 08:40</i>	
Volatile Organic Compounds (VOCs)	
<i>Containers Supplied:</i>	
VOA w/HCl (A)	VOA w/HCl (B) VOA w/HCl (C)
Sample ID: GBC0366-07 Blow Off Logan Dr	
<i>Drinking Water Sampled: 03/07/2019 08:45</i>	
Volatile Organic Compounds (VOCs)	
<i>Containers Supplied:</i>	
VOA w/HCl (A)	VOA w/HCl (B) VOA w/HCl (C)
Sample ID: GBC0366-08 HYD 626 Scotts Dr. - 1st Dr	
<i>Drinking Water Sampled: 03/07/2019 09:10</i>	
Volatile Organic Compounds (VOCs)	
<i>Containers Supplied:</i>	
VOA w/HCl (A)	VOA w/HCl (B) VOA w/HCl (C)
Sample ID: GBC0366-09 HYD 626 Scotts Dr. - 2nd Dr	
<i>Drinking Water Sampled: 03/07/2019 09:20</i>	
Volatile Organic Compounds (VOCs)	
<i>Containers Supplied:</i>	
VOA w/HCl (A)	VOA w/HCl (B) VOA w/HCl (C)
Sample ID: GBC0366-10 622 Scotts Dr	
<i>Drinking Water Sampled: 03/07/2019 09:30</i>	
Volatile Organic Compounds (VOCs)	
<i>Containers Supplied:</i>	
VOA w/HCl (A)	VOA w/HCl (B) VOA w/HCl (C)
Sample ID: GBC0366-11 621 Scotts Dr	
<i>Drinking Water Sampled: 03/07/2019 09:35</i>	
Volatile Organic Compounds (VOCs)	
<i>Containers Supplied:</i>	
VOA w/HCl (A)	VOA w/HCl (B) VOA w/HCl (C)
Sample ID: GBC0366-12 619 Scotts Dr	
<i>Drinking Water Sampled: 03/07/2019 09:40</i>	
Volatile Organic Compounds (VOCs)	

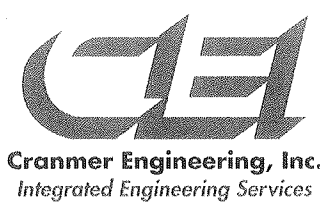
EDT Upload YES ☐ NO ☐

Released By

Date

Received By

Date



**SUBCONTRACT
ORDER**
(Continued)

Work Order: GBC0366 (Continued)

Analysis			Comments
<i>Containers Supplied:</i> VOA w/HCl (A) VOA w/HCl (B) VOA w/HCl (C)			
Sample ID: GBC0366-13 618 Scotts Dr <i>Drinking Water Sampled: 03/07/2019 09:45</i>			
Volatile Organic Compounds (VOCs)			
<i>Containers Supplied:</i> VOA w/HCl (A) VOA w/HCl (B) VOA w/HCl (C)			
Sample ID: GBC0366-14 614 Scotts Dr <i>Drinking Water Sampled: 03/07/2019 09:50</i>			
Volatile Organic Compounds (VOCs)			
<i>Containers Supplied:</i> VOA w/HCl (A) VOA w/HCl (B) VOA w/HCl (C)			
Sample ID: GBC0366-15 615 Scotts Dr <i>Drinking Water Sampled: 03/07/2019 09:55</i>			
Volatile Organic Compounds (VOCs)			
<i>Containers Supplied:</i> VOA w/HCl (A) VOA w/HCl (B) VOA w/HCl (C)			
Sample ID: GBC0366-16 Blow Off - 615 Scotts Dr <i>Drinking Water Sampled: 03/07/2019 10:00</i>			
Volatile Organic Compounds (VOCs)			
<i>Containers Supplied:</i> VOA w/HCl (A) VOA w/HCl (B) VOA w/HCl (C)			

EDT Upload YES ☐ NO ☐

Released By	Date	Received By	Date
			3/19/19