



March 5, 2018

Frank Sowers, PE
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Re: February 2018 Progress Report
NYSDEC BCP Site #C828159
690 Saint Paul Street, Rochester, New York
LaBella Project No. 209280

Dear Mr. Sowers:

LaBella Associates, DPC ("LaBella") is pleased to submit this Progress Report associated with the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site (BCP ID No. C828159) located at 690 Saint Paul Street, City of Rochester, Monroe County, New York. This report discusses activities completed during the month of February 2018, as well as activities planned for this month (March 2018).

ACTIVITIES COMPLETED DURING FEBRUARY 2018

The following tasks were completed for the project during the month of February 2018:

- Collected LNAPL measurements from AOC #6 wells.
- Deployed absorbent socks at AOC #6 wells that were observed to contain LNAPL.

ACTIVITIES PLANNED FOR MARCH 2018

No activities are planned during March 2018.

APPROVED ACTIVITY MODIFICATIONS

There were no modifications or changes in the scope or schedule to report in February 2018.

SAMPLING, TESTING, AND MONITORING RESULTS

The following sampling, testing, and monitoring results were received during February 2018:

- AOC #6 LNAPL measurements collected during February 2018
- Building 16 and 22 January 2018 quarterly indoor air sample results
- AOC #1 and AOC #8 January 2018 quarterly groundwater sample results
- Building 14B indoor air sample results from samples collected on December 16, 2017 and December 27, 2017

The laboratory reports for the above samples are attached. Please note that ASP B laboratory data packages have not been received for the Building 16 and 22 indoor air samples and the AOC #1 and AOC #8 groundwater samples. Once the ASP B data packages are data usability summary reports are completed, they will be provided to the NYSDEC.



UNRESOLVED DELAYS ENCOUNTERED OR ANTICIPATED

There are currently no unresolved delays associated with the remedial work.

PERCENTAGE OF COMPLETION

To date, all activities associated with AOC #1, AOC #6, and AOC #8 remedy have been completed.

CITIZEN PARTICIPATION PLAN

There were no activities undertaken in support of the Citizen Participation Plan during February 2018.

If you have any questions, or require additional information, please do not hesitate to contact me at (585) 295-6253.

Respectfully submitted,

LaBella Associates

Michael F. Pelychaty, PG
Sr. Environmental Geologist

cc: Dante Gullace – GVRE(e-copy only), Steve Gullace – GVRE (e-copy only), Bernette Schilling – NYSDEC (e-copy only), Stacey Darbey – RCSD (e-copy only), John Frazer – MCDOH(e-copy only), Wade Silkworth – MCDOH(e-copy only), Frank Chiappone – B&L (e-copy only), Eamonn O'Neal (NYSDOH)

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BUILDING 14B LABORATORY REPORTS AND DUSR

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-001A

Client Sample ID: Rm 107B
Tag Number: 569.1153
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 12:31:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 12:31:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 12:31:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 12:31:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 12:31:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 12:31:00 AM
1,2,4-Trimethylbenzene	2.2	0.74		ug/m3	1	12/20/2017 12:31:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 12:31:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 12:31:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 12:31:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 12:31:00 AM
1,3,5-Trimethylbenzene	0.93	0.74		ug/m3	1	12/20/2017 12:31:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 12:31:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 12:31:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 12:31:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 12:31:00 AM
2,2,4-trimethylpentane	0.79	0.70		ug/m3	1	12/20/2017 12:31:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 12:31:00 AM
Acetone	15	3.6		ug/m3	5	12/20/2017 7:20:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 12:31:00 AM
Benzene	1.7	0.48		ug/m3	1	12/20/2017 12:31:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 12:31:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 12:31:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 12:31:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 12:31:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 12:31:00 AM
Carbon tetrachloride	0.57	0.25		ug/m3	1	12/20/2017 12:31:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 12:31:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 12:31:00 AM
Chloroform	1.9	0.73		ug/m3	1	12/20/2017 12:31:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	12/20/2017 12:31:00 AM
cis-1,2-Dichloroethene	0.44	0.59	J	ug/m3	1	12/20/2017 12:31:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 12:31:00 AM
Cyclohexane	1.2	0.52		ug/m3	1	12/20/2017 12:31:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 12:31:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	12/20/2017 12:31:00 AM
Ethylbenzene	0.82	0.65		ug/m3	1	12/20/2017 12:31:00 AM
Freon 11	1.6	0.84		ug/m3	1	12/20/2017 12:31:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 12:31:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 12:31:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-001A

Client Sample ID: Rm 107B
Tag Number: 569.1153
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	12/20/2017 12:31:00 AM
Heptane	1.1	0.61		ug/m3	1	12/20/2017 12:31:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 12:31:00 AM
Hexane	2.9	0.53		ug/m3	1	12/20/2017 12:31:00 AM
Isopropyl alcohol	15	1.8		ug/m3	5	12/20/2017 7:20:00 PM
m&p-Xylene	2.8	1.3		ug/m3	1	12/20/2017 12:31:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 12:31:00 AM
Methyl Ethyl Ketone	2.9	0.88		ug/m3	1	12/20/2017 12:31:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 12:31:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 12:31:00 AM
Methylene chloride	0.83	0.52		ug/m3	1	12/20/2017 12:31:00 AM
o-Xylene	1.0	0.65		ug/m3	1	12/20/2017 12:31:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 12:31:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 12:31:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 12:31:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 12:31:00 AM
Toluene	5.3	0.57		ug/m3	1	12/20/2017 12:31:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 12:31:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 12:31:00 AM
Trichloroethene	0.91	0.16		ug/m3	1	12/20/2017 12:31:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 12:31:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 12:31:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 12:31:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-002A

Client Sample ID: Duplicate
Tag Number: 1187.1153
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 1:11:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 1:11:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 1:11:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 1:11:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 1:11:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 1:11:00 AM
1,2,4-Trimethylbenzene	2.1	0.74		ug/m3	1	12/20/2017 1:11:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 1:11:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:11:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 1:11:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 1:11:00 AM
1,3,5-Trimethylbenzene	0.93	0.74		ug/m3	1	12/20/2017 1:11:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 1:11:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:11:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:11:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 1:11:00 AM
2,2,4-trimethylpentane	0.75	0.70		ug/m3	1	12/20/2017 1:11:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 1:11:00 AM
Acetone	7.7	3.6		ug/m3	5	12/20/2017 7:58:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 1:11:00 AM
Benzene	1.7	0.48		ug/m3	1	12/20/2017 1:11:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 1:11:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 1:11:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 1:11:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 1:11:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 1:11:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 1:11:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 1:11:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 1:11:00 AM
Chloroform	1.9	0.73		ug/m3	1	12/20/2017 1:11:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	12/20/2017 1:11:00 AM
cis-1,2-Dichloroethene	0.44	0.59	J	ug/m3	1	12/20/2017 1:11:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 1:11:00 AM
Cyclohexane	0.65	0.52		ug/m3	1	12/20/2017 1:11:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 1:11:00 AM
Ethyl acetate	0.54	0.54		ug/m3	1	12/20/2017 1:11:00 AM
Ethylbenzene	0.78	0.65		ug/m3	1	12/20/2017 1:11:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 1:11:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 1:11:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 1:11:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
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Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-002A

Client Sample ID: Duplicate
Tag Number: 1187.1153
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12	2.7	0.74		ug/m3	1	12/20/2017 1:11:00 AM
Heptane	1.0	0.61		ug/m3	1	12/20/2017 1:11:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 1:11:00 AM
Hexane	2.7	0.53		ug/m3	1	12/20/2017 1:11:00 AM
Isopropyl alcohol	5.8	1.8		ug/m3	5	12/20/2017 7:58:00 PM
m&p-Xylene	2.6	1.3		ug/m3	1	12/20/2017 1:11:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 1:11:00 AM
Methyl Ethyl Ketone	1.4	0.88		ug/m3	1	12/20/2017 1:11:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 1:11:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 1:11:00 AM
Methylene chloride	0.66	0.52		ug/m3	1	12/20/2017 1:11:00 AM
o-Xylene	0.96	0.65		ug/m3	1	12/20/2017 1:11:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 1:11:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 1:11:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 1:11:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 1:11:00 AM
Toluene	5.0	0.57		ug/m3	1	12/20/2017 1:11:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 1:11:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 1:11:00 AM
Trichloroethene	0.75	0.16		ug/m3	1	12/20/2017 1:11:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 1:11:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 1:11:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 1:11:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-003A

Client Sample ID: Rm 112 MSD
Tag Number: 1200.374
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 1:52:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 1:52:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 1:52:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 1:52:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 1:52:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 1:52:00 AM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	12/20/2017 1:52:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 1:52:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:52:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 1:52:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 1:52:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 1:52:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 1:52:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:52:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:52:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 1:52:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 1:52:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 1:52:00 AM
Acetone	8.8	3.6		ug/m3	5	12/20/2017 8:37:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 1:52:00 AM
Benzene	0.73	0.48		ug/m3	1	12/20/2017 1:52:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 1:52:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 1:52:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 1:52:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 1:52:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 1:52:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 1:52:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 1:52:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 1:52:00 AM
Chloroform	0.54	0.73	J	ug/m3	1	12/20/2017 1:52:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	12/20/2017 1:52:00 AM
cis-1,2-Dichloroethene	0.48	0.59	J	ug/m3	1	12/20/2017 1:52:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 1:52:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 1:52:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 1:52:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	12/20/2017 1:52:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 1:52:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 1:52:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 1:52:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 1:52:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-003A

Client Sample ID: Rm 112 MSD
Tag Number: 1200.374
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.7	0.74		ug/m3	1	12/20/2017 1:52:00 AM
Heptane	0.53	0.61	J	ug/m3	1	12/20/2017 1:52:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 1:52:00 AM
Hexane	1.1	0.53		ug/m3	1	12/20/2017 1:52:00 AM
Isopropyl alcohol	3.3	0.37		ug/m3	1	12/20/2017 1:52:00 AM
m&p-Xylene	0.74	1.3	J	ug/m3	1	12/20/2017 1:52:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 1:52:00 AM
Methyl Ethyl Ketone	0.91	0.88		ug/m3	1	12/20/2017 1:52:00 AM
Methyl Isobutyl Ketone	0.41	1.2	J	ug/m3	1	12/20/2017 1:52:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 1:52:00 AM
Methylene chloride	1.3	0.52		ug/m3	1	12/20/2017 1:52:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 1:52:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 1:52:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 1:52:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 1:52:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 1:52:00 AM
Toluene	1.7	0.57		ug/m3	1	12/20/2017 1:52:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 1:52:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 1:52:00 AM
Trichloroethene	1.2	0.16		ug/m3	1	12/20/2017 1:52:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 1:52:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 1:52:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 1:52:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-004A

Client Sample ID: Rm 109 (Stairwell)
Tag Number: 233.255
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 4:04:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 4:04:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 4:04:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 4:04:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:04:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 4:04:00 AM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	12/20/2017 4:04:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 4:04:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:04:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 4:04:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 4:04:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 4:04:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 4:04:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:04:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:04:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 4:04:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 4:04:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 4:04:00 AM
Acetone	11	3.6		ug/m3	5	12/20/2017 9:14:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 4:04:00 AM
Benzene	0.57	0.48		ug/m3	1	12/20/2017 4:04:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 4:04:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 4:04:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 4:04:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 4:04:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 4:04:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 4:04:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 4:04:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 4:04:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 4:04:00 AM
Chloromethane	1.1	0.31		ug/m3	1	12/20/2017 4:04:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:04:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 4:04:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 4:04:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 4:04:00 AM
Ethyl acetate	0.76	0.54		ug/m3	1	12/20/2017 4:04:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 4:04:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 4:04:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 4:04:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 4:04:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-004A

Client Sample ID: Rm 109 (Stairwell)
Tag Number: 233.255
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.7	0.74		ug/m3	1	12/20/2017 4:04:00 AM
Heptane	0.45	0.61	J	ug/m3	1	12/20/2017 4:04:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 4:04:00 AM
Hexane	0.78	0.53		ug/m3	1	12/20/2017 4:04:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	12/20/2017 4:04:00 AM
m&p-Xylene	0.65	1.3	J	ug/m3	1	12/20/2017 4:04:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 4:04:00 AM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	12/20/2017 4:04:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 4:04:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 4:04:00 AM
Methylene chloride	0.87	0.52		ug/m3	1	12/20/2017 4:04:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 4:04:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 4:04:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 4:04:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 4:04:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 4:04:00 AM
Toluene	1.4	0.57		ug/m3	1	12/20/2017 4:04:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:04:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 4:04:00 AM
Trichloroethene	0.21	0.16		ug/m3	1	12/20/2017 4:04:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 4:04:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 4:04:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 4:04:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-005A

Client Sample ID: Rm 117
Tag Number: 479.396
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 4:45:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 4:45:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 4:45:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 4:45:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:45:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 4:45:00 AM
1,2,4-Trimethylbenzene	0.88	0.74		ug/m3	1	12/20/2017 4:45:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 4:45:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:45:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 4:45:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 4:45:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 4:45:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 4:45:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:45:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:45:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 4:45:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 4:45:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 4:45:00 AM
Acetone	11	3.6		ug/m3	5	12/20/2017 9:51:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 4:45:00 AM
Benzene	0.67	0.48		ug/m3	1	12/20/2017 4:45:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 4:45:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 4:45:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 4:45:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 4:45:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 4:45:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 4:45:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 4:45:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 4:45:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 4:45:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	12/20/2017 4:45:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:45:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 4:45:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 4:45:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 4:45:00 AM
Ethyl acetate	0.83	0.54		ug/m3	1	12/20/2017 4:45:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 4:45:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 4:45:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 4:45:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 4:45:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-005A

Client Sample ID: Rm 117
Tag Number: 479.396
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.5	0.74		ug/m3	1	12/20/2017 4:45:00 AM
Heptane	0.78	0.61		ug/m3	1	12/20/2017 4:45:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 4:45:00 AM
Hexane	1.7	0.53		ug/m3	1	12/20/2017 4:45:00 AM
Isopropyl alcohol	10	1.8		ug/m3	5	12/20/2017 9:51:00 PM
m&p-Xylene	0.82	1.3	J	ug/m3	1	12/20/2017 4:45:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 4:45:00 AM
Methyl Ethyl Ketone	3.1	0.88		ug/m3	1	12/20/2017 4:45:00 AM
Methyl Isobutyl Ketone	0.45	1.2	J	ug/m3	1	12/20/2017 4:45:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 4:45:00 AM
Methylene chloride	1.1	0.52		ug/m3	1	12/20/2017 4:45:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 4:45:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 4:45:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 4:45:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 4:45:00 AM
Tetrahydrofuran	3.2	0.44		ug/m3	1	12/20/2017 4:45:00 AM
Toluene	3.5	0.57		ug/m3	1	12/20/2017 4:45:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:45:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 4:45:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 4:45:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 4:45:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 4:45:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 4:45:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-006A

Client Sample ID: Rm 203
Tag Number: 325.338
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 5:26:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 5:26:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 5:26:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 5:26:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 5:26:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 5:26:00 AM
1,2,4-Trimethylbenzene	0.84	0.74		ug/m3	1	12/20/2017 5:26:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 5:26:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:26:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 5:26:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 5:26:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 5:26:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 5:26:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:26:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:26:00 AM
1,4-Dioxane	0.47	1.1	J	ug/m3	1	12/20/2017 5:26:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 5:26:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 5:26:00 AM
Acetone	11	3.6		ug/m3	5	12/20/2017 10:29:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 5:26:00 AM
Benzene	0.57	0.48		ug/m3	1	12/20/2017 5:26:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 5:26:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 5:26:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 5:26:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 5:26:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 5:26:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 5:26:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 5:26:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 5:26:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 5:26:00 AM
Chloromethane	0.99	0.31		ug/m3	1	12/20/2017 5:26:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 5:26:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 5:26:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 5:26:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 5:26:00 AM
Ethyl acetate	0.76	0.54		ug/m3	1	12/20/2017 5:26:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 5:26:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 5:26:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 5:26:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 5:26:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-006A

Client Sample ID: Rm 203
Tag Number: 325.338
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	12/20/2017 5:26:00 AM
Heptane	0.49	0.61	J	ug/m3	1	12/20/2017 5:26:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 5:26:00 AM
Hexane	0.67	0.53		ug/m3	1	12/20/2017 5:26:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	12/20/2017 5:26:00 AM
m&p-Xylene	0.82	1.3	J	ug/m3	1	12/20/2017 5:26:00 AM
Methyl Butyl Ketone	1.0	1.2	J	ug/m3	1	12/20/2017 5:26:00 AM
Methyl Ethyl Ketone	0.88	0.88		ug/m3	1	12/20/2017 5:26:00 AM
Methyl Isobutyl Ketone	0.78	1.2	J	ug/m3	1	12/20/2017 5:26:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 5:26:00 AM
Methylene chloride	1.1	0.52		ug/m3	1	12/20/2017 5:26:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 5:26:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 5:26:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 5:26:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 5:26:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 5:26:00 AM
Toluene	1.7	0.57		ug/m3	1	12/20/2017 5:26:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 5:26:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 5:26:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 5:26:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 5:26:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 5:26:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 5:26:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-007A

Client Sample ID: Rm 207
Tag Number: 1181.258
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:07:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:07:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:07:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:07:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:07:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 6:07:00 AM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	12/20/2017 6:07:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 6:07:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:07:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:07:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 6:07:00 AM
1,3,5-Trimethylbenzene	0.54	0.74	J	ug/m3	1	12/20/2017 6:07:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 6:07:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:07:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:07:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 6:07:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 6:07:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 6:07:00 AM
Acetone	21	3.6		ug/m3	5	12/20/2017 11:06:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 6:07:00 AM
Benzene	0.67	0.48		ug/m3	1	12/20/2017 6:07:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 6:07:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:07:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 6:07:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 6:07:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 6:07:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 6:07:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 6:07:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 6:07:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 6:07:00 AM
Chloromethane	0.91	0.31		ug/m3	1	12/20/2017 6:07:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:07:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:07:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 6:07:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 6:07:00 AM
Ethyl acetate	0.72	0.54		ug/m3	1	12/20/2017 6:07:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 6:07:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 6:07:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 6:07:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 6:07:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-007A

Client Sample ID: Rm 207
Tag Number: 1181.258
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	12/20/2017 6:07:00 AM
Heptane	0.61	0.61		ug/m3	1	12/20/2017 6:07:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 6:07:00 AM
Hexane	0.92	0.53		ug/m3	1	12/20/2017 6:07:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	12/20/2017 6:07:00 AM
m&p-Xylene	0.91	1.3	J	ug/m3	1	12/20/2017 6:07:00 AM
Methyl Butyl Ketone	0.94	1.2	J	ug/m3	1	12/20/2017 6:07:00 AM
Methyl Ethyl Ketone	2.0	0.88		ug/m3	1	12/20/2017 6:07:00 AM
Methyl Isobutyl Ketone	0.57	1.2	J	ug/m3	1	12/20/2017 6:07:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 6:07:00 AM
Methylene chloride	1.3	0.52		ug/m3	1	12/20/2017 6:07:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 6:07:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 6:07:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 6:07:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 6:07:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 6:07:00 AM
Toluene	2.0	0.57		ug/m3	1	12/20/2017 6:07:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:07:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:07:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 6:07:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 6:07:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 6:07:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 6:07:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-008A

Client Sample ID: Rm 215
Tag Number: 129.308
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:48:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:48:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:48:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:48:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:48:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 6:48:00 AM
1,2,4-Trimethylbenzene	0.69	0.74	J	ug/m3	1	12/20/2017 6:48:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 6:48:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:48:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:48:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 6:48:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 6:48:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 6:48:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:48:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:48:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 6:48:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 6:48:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 6:48:00 AM
Acetone	12	3.6		ug/m3	5	12/20/2017 11:44:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 6:48:00 AM
Benzene	0.61	0.48		ug/m3	1	12/20/2017 6:48:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 6:48:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:48:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 6:48:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 6:48:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 6:48:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 6:48:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 6:48:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 6:48:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 6:48:00 AM
Chloromethane	0.97	0.31		ug/m3	1	12/20/2017 6:48:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:48:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:48:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 6:48:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 6:48:00 AM
Ethyl acetate	0.65	0.54		ug/m3	1	12/20/2017 6:48:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 6:48:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 6:48:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 6:48:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 6:48:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-008A

Client Sample ID: Rm 215
Tag Number: 129.308
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12	2.6	0.74		ug/m3	1	12/20/2017 6:48:00 AM
Heptane	< 0.61	0.61		ug/m3	1	12/20/2017 6:48:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 6:48:00 AM
Hexane	0.56	0.53		ug/m3	1	12/20/2017 6:48:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	12/20/2017 6:48:00 AM
m&p-Xylene	1.0	1.3	J	ug/m3	1	12/20/2017 6:48:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 6:48:00 AM
Methyl Ethyl Ketone	1.1	0.88		ug/m3	1	12/20/2017 6:48:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 6:48:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 6:48:00 AM
Methylene chloride	0.87	0.52		ug/m3	1	12/20/2017 6:48:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 6:48:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 6:48:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 6:48:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 6:48:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 6:48:00 AM
Toluene	1.4	0.57		ug/m3	1	12/20/2017 6:48:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:48:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:48:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 6:48:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 6:48:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 6:48:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 6:48:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-009A

Client Sample ID: 3rd Flr Stairwell
Tag Number: 351.272
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 7:28:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 7:28:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 7:28:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 7:28:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 7:28:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 7:28:00 AM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	12/20/2017 7:28:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 7:28:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 7:28:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 7:28:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 7:28:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 7:28:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 7:28:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 7:28:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 7:28:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 7:28:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 7:28:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 7:28:00 AM
Acetone	12	3.6		ug/m3	5	12/21/2017 7:13:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 7:28:00 AM
Benzene	0.57	0.48		ug/m3	1	12/20/2017 7:28:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 7:28:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 7:28:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 7:28:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 7:28:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 7:28:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 7:28:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 7:28:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 7:28:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 7:28:00 AM
Chloromethane	1.1	0.31		ug/m3	1	12/20/2017 7:28:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 7:28:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 7:28:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 7:28:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 7:28:00 AM
Ethyl acetate	1.1	0.54		ug/m3	1	12/20/2017 7:28:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 7:28:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 7:28:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 7:28:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 7:28:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-009A

Client Sample ID: 3rd Flr Stairwell
Tag Number: 351.272
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12	2.7	0.74		ug/m3	1	12/20/2017 7:28:00 AM
Heptane	0.45	0.61	J	ug/m3	1	12/20/2017 7:28:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 7:28:00 AM
Hexane	0.60	0.53		ug/m3	1	12/20/2017 7:28:00 AM
Isopropyl alcohol	3.2	0.37		ug/m3	1	12/20/2017 7:28:00 AM
m&p-Xylene	0.61	1.3	J	ug/m3	1	12/20/2017 7:28:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 7:28:00 AM
Methyl Ethyl Ketone	0.94	0.88		ug/m3	1	12/20/2017 7:28:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 7:28:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 7:28:00 AM
Methylene chloride	0.80	0.52		ug/m3	1	12/20/2017 7:28:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 7:28:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 7:28:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 7:28:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 7:28:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 7:28:00 AM
Toluene	1.2	0.57		ug/m3	1	12/20/2017 7:28:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 7:28:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 7:28:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 7:28:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 7:28:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 7:28:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 7:28:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-010A

Client Sample ID: Rm 407
Tag Number: 360.268
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 3:16:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 3:16:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 3:16:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 3:16:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 3:16:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 3:16:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 3:16:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 3:16:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:16:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 3:16:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 3:16:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 3:16:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 3:16:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:16:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:16:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 3:16:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 3:16:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 3:16:00 PM
Acetone	10	3.6		ug/m3	5	12/21/2017 7:51:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 3:16:00 PM
Benzene	0.51	0.48		ug/m3	1	12/20/2017 3:16:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 3:16:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 3:16:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 3:16:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 3:16:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 3:16:00 PM
Carbon tetrachloride	0.50	0.25		ug/m3	1	12/20/2017 3:16:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 3:16:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 3:16:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 3:16:00 PM
Chloromethane	0.81	0.31		ug/m3	1	12/20/2017 3:16:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 3:16:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 3:16:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 3:16:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 3:16:00 PM
Ethyl acetate	1.1	0.54		ug/m3	1	12/20/2017 3:16:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 3:16:00 PM
Freon 11	1.2	0.84		ug/m3	1	12/20/2017 3:16:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 3:16:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 3:16:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-010A

Client Sample ID: Rm 407
Tag Number: 360.268
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.3	0.74		ug/m3	1	12/20/2017 3:16:00 PM
Heptane	0.57	0.61	J	ug/m3	1	12/20/2017 3:16:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 3:16:00 PM
Hexane	0.78	0.53		ug/m3	1	12/20/2017 3:16:00 PM
Isopropyl alcohol	3.7	0.37		ug/m3	1	12/20/2017 3:16:00 PM
m&p-Xylene	0.52	1.3	J	ug/m3	1	12/20/2017 3:16:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 3:16:00 PM
Methyl Ethyl Ketone	0.62	0.88	J	ug/m3	1	12/20/2017 3:16:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 3:16:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 3:16:00 PM
Methylene chloride	0.59	0.52		ug/m3	1	12/20/2017 3:16:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 3:16:00 PM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 3:16:00 PM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 3:16:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 3:16:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 3:16:00 PM
Toluene	2.3	0.57		ug/m3	1	12/20/2017 3:16:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 3:16:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 3:16:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 3:16:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 3:16:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 3:16:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 3:16:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-011A

Client Sample ID: 4th Floor Hallway to Stairwell
Tag Number: 141.263
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 3:56:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 3:56:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 3:56:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 3:56:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 3:56:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 3:56:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 3:56:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 3:56:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:56:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 3:56:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 3:56:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 3:56:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 3:56:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:56:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:56:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 3:56:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 3:56:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 3:56:00 PM
Acetone	8.5	3.6		ug/m3	5	12/21/2017 8:29:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 3:56:00 PM
Benzene	0.45	0.48	J	ug/m3	1	12/20/2017 3:56:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 3:56:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 3:56:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 3:56:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 3:56:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 3:56:00 PM
Carbon tetrachloride	0.44	0.25		ug/m3	1	12/20/2017 3:56:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 3:56:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 3:56:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 3:56:00 PM
Chloromethane	0.81	0.31		ug/m3	1	12/20/2017 3:56:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 3:56:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 3:56:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 3:56:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 3:56:00 PM
Ethyl acetate	7.1	0.54		ug/m3	1	12/20/2017 3:56:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 3:56:00 PM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 3:56:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 3:56:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 3:56:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-011A

Client Sample ID: 4th Floor Hallway to Stairwell
Tag Number: 141.263
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.5	0.74		ug/m3	1	12/20/2017 3:56:00 PM
Heptane	0.45	0.61	J	ug/m3	1	12/20/2017 3:56:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 3:56:00 PM
Hexane	< 0.53	0.53		ug/m3	1	12/20/2017 3:56:00 PM
Isopropyl alcohol	3.0	0.37		ug/m3	1	12/20/2017 3:56:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	12/20/2017 3:56:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 3:56:00 PM
Methyl Ethyl Ketone	0.59	0.88	J	ug/m3	1	12/20/2017 3:56:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 3:56:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 3:56:00 PM
Methylene chloride	0.73	0.52		ug/m3	1	12/20/2017 3:56:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 3:56:00 PM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 3:56:00 PM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 3:56:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 3:56:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 3:56:00 PM
Toluene	0.60	0.57		ug/m3	1	12/20/2017 3:56:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 3:56:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 3:56:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 3:56:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 3:56:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 3:56:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 3:56:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-012A

Client Sample ID: Rm 415 (Cafeteria)
Tag Number: 98.251
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 5:21:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 5:21:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 5:21:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 5:21:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 5:21:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 5:21:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 5:21:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 5:21:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:21:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 5:21:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 5:21:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 5:21:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 5:21:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:21:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:21:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 5:21:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 5:21:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 5:21:00 PM
Acetone	7.7	3.6		ug/m3	5	12/21/2017 12:22:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 5:21:00 PM
Benzene	0.42	0.48	J	ug/m3	1	12/20/2017 5:21:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 5:21:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 5:21:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 5:21:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 5:21:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 5:21:00 PM
Carbon tetrachloride	0.44	0.25		ug/m3	1	12/20/2017 5:21:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 5:21:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 5:21:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 5:21:00 PM
Chloromethane	0.78	0.31		ug/m3	1	12/20/2017 5:21:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 5:21:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 5:21:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 5:21:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 5:21:00 PM
Ethyl acetate	4.9	0.54		ug/m3	1	12/20/2017 5:21:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 5:21:00 PM
Freon 11	1.3	0.84		ug/m3	1	12/20/2017 5:21:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 5:21:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 5:21:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-012A

Client Sample ID: Rm 415 (Cafeteria)
Tag Number: 98.251
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12	2.2	0.74		ug/m3	1	12/20/2017 5:21:00 PM
Heptane	< 0.61	0.61		ug/m3	1	12/20/2017 5:21:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 5:21:00 PM
Hexane	< 0.53	0.53		ug/m3	1	12/20/2017 5:21:00 PM
Isopropyl alcohol	2.4	0.37		ug/m3	1	12/20/2017 5:21:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	12/20/2017 5:21:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 5:21:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	12/20/2017 5:21:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 5:21:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 5:21:00 PM
Methylene chloride	0.69	0.52		ug/m3	1	12/20/2017 5:21:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 5:21:00 PM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 5:21:00 PM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 5:21:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 5:21:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 5:21:00 PM
Toluene	0.64	0.57		ug/m3	1	12/20/2017 5:21:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 5:21:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 5:21:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 5:21:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 5:21:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 5:21:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 5:21:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-013A

Client Sample ID: Roof (outside)
Tag Number: 357.235
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:02:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:02:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:02:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:02:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:02:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 6:02:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 6:02:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 6:02:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:02:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:02:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 6:02:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 6:02:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 6:02:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:02:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:02:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 6:02:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 6:02:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 6:02:00 PM
Acetone	11	3.6		ug/m3	5	12/21/2017 12:59:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 6:02:00 PM
Benzene	0.42	0.48	J	ug/m3	1	12/20/2017 6:02:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 6:02:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:02:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 6:02:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 6:02:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 6:02:00 PM
Carbon tetrachloride	0.44	0.25		ug/m3	1	12/20/2017 6:02:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 6:02:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 6:02:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 6:02:00 PM
Chloromethane	0.70	0.31		ug/m3	1	12/20/2017 6:02:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:02:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:02:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 6:02:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 6:02:00 PM
Ethyl acetate	1.6	0.54		ug/m3	1	12/20/2017 6:02:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 6:02:00 PM
Freon 11	1.2	0.84		ug/m3	1	12/20/2017 6:02:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 6:02:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 6:02:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-013A

Client Sample ID: Roof (outside)
Tag Number: 357.235
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12	2.3	0.74		ug/m3	1	12/20/2017 6:02:00 PM
Heptane	< 0.61	0.61		ug/m3	1	12/20/2017 6:02:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 6:02:00 PM
Hexane	< 0.53	0.53		ug/m3	1	12/20/2017 6:02:00 PM
Isopropyl alcohol	1.3	0.37		ug/m3	1	12/20/2017 6:02:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	12/20/2017 6:02:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 6:02:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	12/20/2017 6:02:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 6:02:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 6:02:00 PM
Methylene chloride	0.69	0.52		ug/m3	1	12/20/2017 6:02:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 6:02:00 PM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 6:02:00 PM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 6:02:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 6:02:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 6:02:00 PM
Toluene	0.57	0.57		ug/m3	1	12/20/2017 6:02:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:02:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:02:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 6:02:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 6:02:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 6:02:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 6:02:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-014A

Client Sample ID: Elevator
Tag Number: 317.1160
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:42:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:42:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:42:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:42:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:42:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 6:42:00 PM
1,2,4-Trimethylbenzene	1.4	0.74		ug/m3	1	12/20/2017 6:42:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 6:42:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:42:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:42:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 6:42:00 PM
1,3,5-Trimethylbenzene	0.64	0.74	J	ug/m3	1	12/20/2017 6:42:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 6:42:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:42:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:42:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 6:42:00 PM
2,2,4-trimethylpentane	0.75	0.70		ug/m3	1	12/20/2017 6:42:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 6:42:00 PM
Acetone	7.8	3.6		ug/m3	5	12/21/2017 1:37:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 6:42:00 PM
Benzene	1.7	0.48		ug/m3	1	12/20/2017 6:42:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 6:42:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:42:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 6:42:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 6:42:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 6:42:00 PM
Carbon tetrachloride	0.44	0.25		ug/m3	1	12/20/2017 6:42:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 6:42:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 6:42:00 PM
Chloroform	0.68	0.73	J	ug/m3	1	12/20/2017 6:42:00 PM
Chloromethane	0.85	0.31		ug/m3	1	12/20/2017 6:42:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:42:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:42:00 PM
Cyclohexane	0.48	0.52	J	ug/m3	1	12/20/2017 6:42:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 6:42:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	12/20/2017 6:42:00 PM
Ethylbenzene	0.65	0.65		ug/m3	1	12/20/2017 6:42:00 PM
Freon 11	1.2	0.84		ug/m3	1	12/20/2017 6:42:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 6:42:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 6:42:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 21-Dec-17

CLIENT: LaBella Associates, P.C.
Lab Order: C1712064
Project: 690 Saint Paul St
Lab ID: C1712064-014A

Client Sample ID: Elevator
Tag Number: 317.1160
Collection Date: 12/16/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12	2.2	0.74		ug/m3	1	12/20/2017 6:42:00 PM
Heptane	0.90	0.61		ug/m3	1	12/20/2017 6:42:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 6:42:00 PM
Hexane	2.3	0.53		ug/m3	1	12/20/2017 6:42:00 PM
Isopropyl alcohol	1.0	0.37		ug/m3	1	12/20/2017 6:42:00 PM
m&p-Xylene	2.6	1.3		ug/m3	1	12/20/2017 6:42:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 6:42:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	12/20/2017 6:42:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 6:42:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 6:42:00 PM
Methylene chloride	0.80	0.52		ug/m3	1	12/20/2017 6:42:00 PM
o-Xylene	0.91	0.65		ug/m3	1	12/20/2017 6:42:00 PM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 6:42:00 PM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 6:42:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 6:42:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 6:42:00 PM
Toluene	4.7	0.57		ug/m3	1	12/20/2017 6:42:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:42:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:42:00 PM
Trichloroethene	0.38	0.16		ug/m3	1	12/20/2017 6:42:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 6:42:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 6:42:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 6:42:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

DATA USABILITY SUMMARY REPORT

for

LaBella Associates, P.C.

300 State Street

Rochester, NY 14614

690 ST PAUL SITE

Project 209280

SDG: C1712064

Sampled 12/16/2017

TO-15 AIR SAMPLES

Rm-107B	(C1712064-01)
Duplicate	(C1712064-02)
Rm-112	(C1712064-03)
Rm-109(stairwell)	(C1712064-04)
Rm-117	(C1712064-05)
Rm-203	(C1712064-06)
Rm-207	(C1712064-07)
Rm-215	(C1712064-08)
3rd Floor Stairwell	(C1712064-09)
Rm-407	(C1712064-10)
4th Floor Hallway to Stairwell	(C1712064-11)
Rm-415 (cafeteria)	(C1712064-12)
Roof (Outside)	(C1712064-13)
Elevator	(C1712064-14)

DATA ASSESSMENT

A TO-15 data package containing analytical results for fourteen air samples was received from LaBella Associates, P.C. on 16Jan18. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the 690 St. Paul Site, were identified by Chain of Custody documents and traceable through the work of Centek Laboratories, LLC, the laboratory contracted for analysis. The analyses were performed using US EPA Method TO-15 and addressed measurements of sixty-three volatile organic compounds. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-31, Rev. #4, October 2006, Volatile Organic Analysis of Ambient Air in Canisters by Method TO-15) was used as a technical reference.

The acetone results from Rm-112, Rm-109(Stairwell), Rm-117, Rm-203, Rm-207, 3rd Floor Stairwell, 4th Floor Hallway to Stairwell, Rm-415(Cafeteria) and Roof(outside); and the isopropanol result from Rm-117 have been qualified as estimations due to low surrogate standard recoveries.

The acetone, 1,4-dioxane, isopropyl alcohol, methyl butyl ketone and methyl isobutyl ketone results from Rm-112 have been qualified as estimations due to unacceptable spiked sample recoveries.

The presence of heptane in Rm-203 and Rm-407, and isopropanol in the Elevator sample could not be confirmed, based on the mass spectra references included in the raw data. Heptane and isopropanol should be considered undetected in these samples.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Results presenting a usable estimation of the conditions at the time of sampling have been flagged "J", "U" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin
DATAVAL, Inc.

Date: 01 Feb 18

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the date of sampling. TO-15 samples must be analyzed within 14 days of collection.

This sample delivery group contained fourteen air samples that were collected from the 690 St. Paul site on 16Dec17. With the exception of Rm-112, the samples were collected in 1-liter SUMMA canisters. RM-112 was collected in a 1.4-liter canister to facilitate the preparation of MS/MSD samples. The canisters were delivered to the laboratory on 18Dec17. Although the sample canisters were received intact, custody seals were not present on the packaging.

Although each SUMMA canister was set in the laboratory to collect an 8-hour sample, the collection of samples was terminated after between 6 and 8.5 hours based on the canister vacuum readings. At that time the vacuum reading from each cylinder satisfied the ASP requirement of 5 ± 1 "Hg.

The differences observed between the laboratory vacuum readings at the time of receipt and the time of analysis are assumed to reflect the quality of the canister vacuum gauges.

SAMPLE	PRIOR TO SHIPMENT ("Hg)	PRIOR TO SAMPLING ("Hg)	POST SAMPLING ("Hg)	LAB RECEIPT ("Hg)	LAB ANALYSIS ("Hg)
Rm-107B	-30	-30	-5.5	-6	-6
Duplicate	-30	-30	-5.5	-6	-6
Rm-112	-30	-30	-5.5	-6	-6
Rm-109 (Stairwell)	-30	-30	-5.5	-6	-5
Rm117	-30	-30	-5.5	-6	-6
Rm-203	-30	-30	-5.5	-6	-6
Rm-207	-30	-30	-6.0	-6	-5
Rm-215	-30	-30	-5.5	-6	-6
3 rd Floor Stairwell	-30	-30	-6.0	-6	-6
Rm-407	-30	-30	-6.0	-6	-6
4 th Floor Hall to Stairwell	-30	-30	-5.5	-6	-6
Rm-415 (Cafeteria)	-30	-30	-5.5	-6	-6
Roof (outside)	-30	-30	-5.5	-6	-5
Elevator	-30	-29	-5.5	-6	-7

CANISTER CERTIFICATION

The canisters used for this project were pressure tested at 30 psig for 24 hours. Each canister demonstrated a change ≤ 0.5 psig over this period.

The canisters for this project were cleaned in eight batches. A blank analysis of a clean canister from each batch was free of targeted analyte contamination exceeding the laboratory's reporting limit.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Trip Blanks monitor sampling activities, sample transport, and storage. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

Three method blanks were analyzed with this group of samples. Each of these blanks demonstrated acceptable chromatography and was free of targeted analyte contamination.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

BFB ion abundance criteria was reported from standards run before the initial instrument calibration and prior to the analysis of program samples on 19Dec17, 20Dec17 and 21Dec17. Each of these checks satisfied the ASP acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration was performed on 12Dec17. Standards of 0.03, 0.04, 0.10, 0.15, 0.30, 0.50, 0.75, 1.0, 1.25, 1.50 and 2.0 ppbV were included. Each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity during this calibration.

Continuing calibration check standards were analyzed on 19Dec17, 20Dec17 and 21Dec17, prior to the 24-hour periods of instrument operation that included samples from this program. When compared to the initial calibration, each targeted analyte demonstrated an acceptable level of instrument stability during these checks.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Although surrogate summary sheets were properly prepared, an incorrect acceptance criteria was applied. When compared to the ASP requirements, unacceptably low recoveries were reported from the 1:5 dilutions of Rm-112, Rm-109(stairwell), Rm-117, Rm-203, Rm-207, 3rd Floor Stairwell, 4th Floor Hallway to Stairwell, Rm-415 (Cafeteria) and Roof (outside). The acetone and isopropanol (IPA) results reported from these diluted samples have been qualified as estimations.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than 40%. When compared to the preceding calibration check, retention times may not vary by more than 10 seconds.

The laboratory recorded the response of each internal standard addition to this group of samples and the response obtained from the preceding CCV standard. Although the control limits based on the response of the CCV were not reported, they were calculated by this reviewer. When compared to these limits, acceptable performance was reported for the internal standard additions to each program sample.

Internal standard retention times were not addressed by the laboratory. The ASP retention time acceptance criteria was calculated by this reviewer. The retention times produced by each program sample satisfied these requirements.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Rm-112 was selected for matrix spiking. The entire list of targeted analytes was added to two volumes of this sample. The recoveries reported for these additions included unacceptable results for acetone (41%), 1,4-dioxane (64%), chloromethane (166%,144%), isopropyl alcohol (41%), methyl butyl ketone (48%,62%), methyl isobutyl ketone (56%,64%) and propylene (160%,147%). The positive bias indicated by the elevated recoveries of chloromethane and propylene warrants no concern because chloromethane and propylene were not detected in Rm-112. The acetone, 1,4-dioxane, isopropyl alcohol, methyl butyl ketone and methyl isobutyl ketone results from Rm-112 have been qualified as estimations.

Four spiked blanks (LCS/LCSD,LCS,LCS) were also analyzed with this group of samples. The recoveries reported from these LCS samples demonstrated acceptable levels of measurement precision and accuracy.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

The duplicate sample that was included in this delivery group was not identified.

REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples.

The presence of heptane in Rm-203 and Rm-407, and isopropanol in the Elevator sample could not be confirmed, based on the mass spectra references included in the raw data. Heptane and isopropanol (IPA) should be considered undetected in these samples. Detection limits equaling the reported concentration or the laboratory's reporting limit, whichever is greater, should be assumed.

SUMMARY OF QUALIFIED DATA

690 ST PAUL SITE

SAMPLED DECEMBER 16, 2017

	SURROGATE ACETONE	SURROGATE IPA	SPIKES MS1*	MS ID HEPTANE	MS ID IPA
Rm-107B	(C1712064-01)				
Duplicate	(C1712064-02)				
Rm-112	(C1712064-03)		ALL J/UJ		
Rm-109 (stairwell)	(C1712064-04)				
Rm-117	(C1712064-05)	10J			
Rm-203	(C1712064-06)			0.61U	
Rm-207	(C1712064-07)				
Rm-215	(C1712064-08)				
3rd Floor Stairwell	(C1712064-09)				
Rm-407	(C1712064-10)			0.61U	
4th Floor Hallway to Stairwell	(C1712064-11)				
Rm-415 (cafeteria)	(C1712064-12)				
Roof (Outside)	(C1712064-13)				1.0U
Elevator	(C1712064-14)				

MS1* = acetone, 1,4-dioxane, isopropyl alcohol, methyl butyl ketone, methyl isobutyl ketone

Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-001A

Client Sample ID: Rm 107B
 Tag Number: 569.1153
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 12:31:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 12:31:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 12:31:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 12:31:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 12:31:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 12:31:00 AM
1,2,4-Trimethylbenzene -	2.2	0.74		ug/m3	1	12/20/2017 12:31:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 12:31:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 12:31:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 12:31:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 12:31:00 AM
1,3,5-Trimethylbenzene -	0.93	0.74		ug/m3	1	12/20/2017 12:31:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 12:31:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 12:31:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 12:31:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 12:31:00 AM
2,2,4-trimethylpentane -	0.79	0.70		ug/m3	1	12/20/2017 12:31:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 12:31:00 AM
Acetone ✓	15	3.6		ug/m3	5	12/20/2017 7:20:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 12:31:00 AM
Benzene -	1.7	0.48		ug/m3	1	12/20/2017 12:31:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 12:31:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 12:31:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 12:31:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 12:31:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 12:31:00 AM
Carbon tetrachloride -	0.57	0.25		ug/m3	1	12/20/2017 12:31:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 12:31:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 12:31:00 AM
Chloroform ✓	1.9	0.73		ug/m3	1	12/20/2017 12:31:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	12/20/2017 12:31:00 AM
cis-1,2-Dichloroethene ✓	0.44	0.59	J	ug/m3	1	12/20/2017 12:31:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 12:31:00 AM
Cyclohexane ✓	1.2	0.52		ug/m3	1	12/20/2017 12:31:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 12:31:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	12/20/2017 12:31:00 AM
Ethylbenzene -	0.82	0.65		ug/m3	1	12/20/2017 12:31:00 AM
Freon 11 ✓	1.6	0.84		ug/m3	1	12/20/2017 12:31:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 12:31:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 12:31:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-001A

Client Sample ID: Rm 107B
 Tag Number: 569.1153
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12 ✓	2.6	0.74		ug/m3	1	12/20/2017 12:31:00 AM
Heptane ✓	1.1	0.61		ug/m3	1	12/20/2017 12:31:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 12:31:00 AM
Hexane ✓	2.9	0.53		ug/m3	1	12/20/2017 12:31:00 AM
Isopropyl alcohol ✓	15	1.8		ug/m3	5	12/20/2017 7:20:00 PM
m&p-Xylene ✓	2.8	1.3		ug/m3	1	12/20/2017 12:31:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 12:31:00 AM
Methyl Ethyl Ketone ✓	2.9	0.88		ug/m3	1	12/20/2017 12:31:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 12:31:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 12:31:00 AM
Methylene chloride ✓	0.83	0.52		ug/m3	1	12/20/2017 12:31:00 AM
o-Xylene ✓	1.0	0.65		ug/m3	1	12/20/2017 12:31:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 12:31:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 12:31:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 12:31:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 12:31:00 AM
Toluene ✓	5.3	0.57		ug/m3	1	12/20/2017 12:31:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 12:31:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 12:31:00 AM
Trichloroethene ✓	0.91	0.16		ug/m3	1	12/20/2017 12:31:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 12:31:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 12:31:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 12:31:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-002A

Client Sample ID: Duplicate
 Tag Number: 1187.1153
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 1:11:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 1:11:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 1:11:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 1:11:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 1:11:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 1:11:00 AM
1,2,4-Trimethylbenzene -	2.1	0.74		ug/m3	1	12/20/2017 1:11:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 1:11:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:11:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 1:11:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 1:11:00 AM
1,3,5-Trimethylbenzene -	0.93	0.74		ug/m3	1	12/20/2017 1:11:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 1:11:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:11:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:11:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 1:11:00 AM
2,2,4-trimethylpentane -	0.75	0.70		ug/m3	1	12/20/2017 1:11:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 1:11:00 AM
Acetone -	7.7	3.6		ug/m3	5	12/20/2017 7:58:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 1:11:00 AM
Benzene -	1.7	0.48		ug/m3	1	12/20/2017 1:11:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 1:11:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 1:11:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 1:11:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 1:11:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 1:11:00 AM
Carbon tetrachloride -	0.63	0.25		ug/m3	1	12/20/2017 1:11:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 1:11:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 1:11:00 AM
Chloroform -	1.9	0.73		ug/m3	1	12/20/2017 1:11:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	12/20/2017 1:11:00 AM
cis-1,2-Dichloroethene -	0.44	0.59	J	ug/m3	1	12/20/2017 1:11:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 1:11:00 AM
Cyclohexane -	0.65	0.52		ug/m3	1	12/20/2017 1:11:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 1:11:00 AM
Ethyl acetate -	0.54	0.54		ug/m3	1	12/20/2017 1:11:00 AM
Ethylbenzene -	0.78	0.65		ug/m3	1	12/20/2017 1:11:00 AM
Freon 11 -	1.5	0.84		ug/m3	1	12/20/2017 1:11:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 1:11:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 1:11:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-002A

Client Sample ID: Duplicate
 Tag Number: 1187,1153
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12 -	2.7	0.74		ug/m3	1	12/20/2017 1:11:00 AM
Heptane -	1.0	0.61		ug/m3	1	12/20/2017 1:11:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 1:11:00 AM
Hexane -	2.7	0.53		ug/m3	1	12/20/2017 1:11:00 AM
Isopropyl alcohol -	5.8	1.8		ug/m3	5	12/20/2017 7:58:00 PM
m&p-Xylene -	2.6	1.3		ug/m3	1	12/20/2017 1:11:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 1:11:00 AM
Methyl Ethyl Ketone -	1.4	0.88		ug/m3	1	12/20/2017 1:11:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 1:11:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 1:11:00 AM
Methylene chloride -	0.66	0.52		ug/m3	1	12/20/2017 1:11:00 AM
o-Xylene -	0.96	0.65		ug/m3	1	12/20/2017 1:11:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 1:11:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 1:11:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 1:11:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 1:11:00 AM
Toluene -	5.0	0.57		ug/m3	1	12/20/2017 1:11:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 1:11:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 1:11:00 AM
Trichloroethene -	0.76	0.16		ug/m3	1	12/20/2017 1:11:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 1:11:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 1:11:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 1:11:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-003A

Client Sample ID: Rm 112 MSD
 Tag Number: 1200.374
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 1:52:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 1:52:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 1:52:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 1:52:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 1:52:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 1:52:00 AM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	12/20/2017 1:52:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 1:52:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:52:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 1:52:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 1:52:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 1:52:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 1:52:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:52:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 1:52:00 AM
1,4-Dioxane	< 1.1 UJ	1.1		ug/m3	1	12/20/2017 1:52:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 1:52:00 AM
4-ethyltoluene	< 0.74 J	0.74		ug/m3	1	12/20/2017 1:52:00 AM
Acetone	8.8 J	3.6		ug/m3	5	12/20/2017 8:37:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 1:52:00 AM
Benzene	0.73	0.48		ug/m3	1	12/20/2017 1:52:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 1:52:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 1:52:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 1:52:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 1:52:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 1:52:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 1:52:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 1:52:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 1:52:00 AM
Chloroform	0.54	0.73 J		ug/m3	1	12/20/2017 1:52:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	12/20/2017 1:52:00 AM
cis-1,2-Dichloroethene	0.48	0.59 J		ug/m3	1	12/20/2017 1:52:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 1:52:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 1:52:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 1:52:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	12/20/2017 1:52:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 1:52:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 1:52:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 1:52:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 1:52:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-003A

Client Sample ID: Rm 112 MSD
 Tag Number: 1200.374
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12 —	2.7	0.74		ug/m3	1	12/20/2017 1:52:00 AM
Heptane —	0.53	0.61	J	ug/m3	1	12/20/2017 1:52:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 1:52:00 AM
Hexane —	1.1	0.53		ug/m3	1	12/20/2017 1:52:00 AM
Isopropyl alcohol—	3.3 J	0.37		ug/m3	1	12/20/2017 1:52:00 AM
m&p-Xylene —	0.74	1.3	J	ug/m3	1	12/20/2017 1:52:00 AM
Methyl Butyl Ketone	< 1.2 UJ	1.2		ug/m3	1	12/20/2017 1:52:00 AM
Methyl Ethyl Ketone —	0.91	0.88		ug/m3	1	12/20/2017 1:52:00 AM
Methyl Isobutyl Ketone —	0.41 J	1.2	J	ug/m3	1	12/20/2017 1:52:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 1:52:00 AM
Methylene chloride—	1.3	0.52		ug/m3	1	12/20/2017 1:52:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 1:52:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 1:52:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 1:52:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 1:52:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 1:52:00 AM
Toluene —	1.7	0.57		ug/m3	1	12/20/2017 1:52:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 1:52:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 1:52:00 AM
Trichloroethene —	1.2	0.16		ug/m3	1	12/20/2017 1:52:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 1:52:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 1:52:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 1:52:00 AM

Qualifiers:	** Quantitation Limit	Results reported are not blank corrected
	B Analyte detected in the associated Method Blank	E Estimated Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limit
	JN Non-routine analyte. Quantitation estimated.	ND Not Detected at the Limit of Detection
	S Spike Recovery outside accepted recovery limits	

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.

Client Sample ID: Rm 109 (Stairwell)

Lab Order: C1712064

Tag Number: 233.255

Project: 690 Saint Paul St

Collection Date: 12/16/2017

Lab ID: C1712064-004A

Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 4:04:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 4:04:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 4:04:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 4:04:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:04:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 4:04:00 AM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	12/20/2017 4:04:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 4:04:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:04:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 4:04:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 4:04:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 4:04:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 4:04:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:04:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:04:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 4:04:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 4:04:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 4:04:00 AM
Acetone	11 J	3.6		ug/m3	5	12/20/2017 9:14:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 4:04:00 AM
Benzene	0.57	0.48		ug/m3	1	12/20/2017 4:04:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 4:04:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 4:04:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 4:04:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 4:04:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 4:04:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 4:04:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 4:04:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 4:04:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 4:04:00 AM
Chloromethane	1.1	0.31		ug/m3	1	12/20/2017 4:04:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:04:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 4:04:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 4:04:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 4:04:00 AM
Ethyl acetate	0.76	0.54		ug/m3	1	12/20/2017 4:04:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 4:04:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 4:04:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 4:04:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 4:04:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.

Client Sample ID: Rm 109 (Stairwell)

Lab Order: C1712064

Tag Number: 233.255

Project: 690 Saint Paul St

Collection Date: 12/16/2017

Lab ID: C1712064-004A

Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12 —	2.7	0.74		ug/m3	1	12/20/2017 4:04:00 AM
Heptane —	0.45	0.61	J	ug/m3	1	12/20/2017 4:04:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.8		ug/m3	1	12/20/2017 4:04:00 AM
Hexane —	0.78	0.63		ug/m3	1	12/20/2017 4:04:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	12/20/2017 4:04:00 AM
m&p-Xylene —	0.65	1.3	J	ug/m3	1	12/20/2017 4:04:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 4:04:00 AM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	12/20/2017 4:04:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 4:04:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 4:04:00 AM
Methylene chloride —	0.87	0.52		ug/m3	1	12/20/2017 4:04:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 4:04:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 4:04:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 4:04:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 4:04:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 4:04:00 AM
Toluene —	1.4	0.57		ug/m3	1	12/20/2017 4:04:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:04:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 4:04:00 AM
Trichloroethene —	0.21	0.16		ug/m3	1	12/20/2017 4:04:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 4:04:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 4:04:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 4:04:00 AM

Qualifiers:

** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-005A

Client Sample ID: Rm 117
 Tag Number: 479.396
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC				TO-15		Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 4:45:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 4:45:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 4:45:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 4:45:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:45:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 4:45:00 AM
1,2,4-Trimethylbenzene	0.88	0.74		ug/m3	1	12/20/2017 4:45:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 4:45:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:45:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 4:45:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 4:45:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 4:45:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 4:45:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:45:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 4:45:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 4:45:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 4:45:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 4:45:00 AM
Acetone	11 J	3.6		ug/m3	5	12/20/2017 9:51:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 4:45:00 AM
Benzene	0.67	0.48		ug/m3	1	12/20/2017 4:45:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 4:45:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 4:45:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 4:45:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 4:45:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 4:45:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 4:45:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 4:45:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 4:45:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 4:45:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	12/20/2017 4:45:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:45:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 4:45:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 4:45:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 4:45:00 AM
Ethyl acetate	0.83	0.54		ug/m3	1	12/20/2017 4:45:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 4:45:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 4:45:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 4:45:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 4:45:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-005A

Client Sample ID: Rm 117
 Tag Number: 479.396
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12 —	2.5	0.74		ug/m3	1	12/20/2017 4:45:00 AM
Heptane —	0.78	0.61		ug/m3	1	12/20/2017 4:45:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 4:45:00 AM
Hexane —	1.7	0.53		ug/m3	1	12/20/2017 4:45:00 AM
Isopropyl alcohol —	10 J	1.8		ug/m3	5	12/20/2017 9:51:00 PM
m&p-Xylene —	0.82	1.3	J	ug/m3	1	12/20/2017 4:45:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 4:45:00 AM
Methyl Ethyl Ketone —	3.1	0.88		ug/m3	1	12/20/2017 4:45:00 AM
Methyl Isobutyl Ketone —	0.45	1.2	J	ug/m3	1	12/20/2017 4:45:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 4:45:00 AM
Methylene chloride —	1.1	0.62		ug/m3	1	12/20/2017 4:45:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 4:45:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 4:45:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 4:45:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 4:45:00 AM
Tetrahydrofuran —	3.2	0.44		ug/m3	1	12/20/2017 4:45:00 AM
Toluene —	3.5	0.57		ug/m3	1	12/20/2017 4:45:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 4:45:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 4:45:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 4:45:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 4:45:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 4:45:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 4:45:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.

Client Sample ID: Rm 203

Lab Order: C1712064

Tag Number: 325.338

Project: 690 Saint Paul St

Collection Date: 12/16/2017

Lab ID: C1712064-006A

Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 5:26:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 5:26:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 5:26:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 5:26:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 5:26:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 5:26:00 AM
1,2,4-Trimethylbenzene	0.84	0.74		ug/m3	1	12/20/2017 5:26:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 5:26:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:26:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 5:26:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 5:26:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 5:26:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 5:26:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:26:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:26:00 AM
1,4-Dioxane	0.47	1.1	J	ug/m3	1	12/20/2017 5:26:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 5:26:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 5:26:00 AM
Acetone	11 J	3.6		ug/m3	5	12/20/2017 10:29:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 5:26:00 AM
Benzene	0.57	0.48		ug/m3	1	12/20/2017 5:26:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 5:26:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 5:26:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 5:26:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 5:26:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 5:26:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 5:26:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 5:26:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 5:26:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 5:26:00 AM
Chloromethane	0.99	0.31		ug/m3	1	12/20/2017 5:26:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 5:26:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 5:26:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 5:26:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 5:26:00 AM
Ethyl acetate	0.76	0.54		ug/m3	1	12/20/2017 5:26:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 5:26:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 5:26:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 5:26:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 5:26:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-006A

Client Sample ID: Rm 203
 Tag Number: 325.338
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12 —	2.6	0.74		ug/m3	1	12/20/2017 5:26:00 AM
Heptane	0.61 0.49 U	0.61	J	ug/m3	1	12/20/2017 5:26:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 5:26:00 AM
Hexane —	0.67	0.53		ug/m3	1	12/20/2017 5:26:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	12/20/2017 5:26:00 AM
m&p-Xylene —	0.82	1.3	J	ug/m3	1	12/20/2017 5:26:00 AM
Methyl Butyl Ketone —	1.0	1.2	J	ug/m3	1	12/20/2017 5:26:00 AM
Methyl Ethyl Ketone —	0.88	0.88		ug/m3	1	12/20/2017 5:26:00 AM
Methyl Isobutyl Ketone —	0.78	1.2	J	ug/m3	1	12/20/2017 5:26:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 5:26:00 AM
Methylene chloride —	1.1	0.52		ug/m3	1	12/20/2017 5:26:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 5:26:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 5:26:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 5:26:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 5:26:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 5:26:00 AM
Toluene —	1.7	0.57		ug/m3	1	12/20/2017 5:26:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 5:26:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 5:26:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 5:26:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 5:26:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 5:26:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 5:26:00 AM

Qualifiers:	** Quantitation Limit	.	Results reported are not blank corrected
	B Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S Spike Recovery outside accepted recovery limits		

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-007A

Client Sample ID: Rm 207
 Tag Number: 1181.258
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:07:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:07:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:07:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:07:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:07:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 6:07:00 AM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	12/20/2017 6:07:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 6:07:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:07:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:07:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 6:07:00 AM
1,3,5-Trimethylbenzene	0.54	0.74	J	ug/m3	1	12/20/2017 6:07:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 6:07:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:07:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:07:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 6:07:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 6:07:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 6:07:00 AM
Acetone	21 J	3.6		ug/m3	5	12/20/2017 11:06:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 6:07:00 AM
Benzene	0.67	0.48		ug/m3	1	12/20/2017 6:07:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 6:07:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:07:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 6:07:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 6:07:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 6:07:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	12/20/2017 6:07:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 6:07:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 6:07:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 6:07:00 AM
Chloromethane	0.91	0.31		ug/m3	1	12/20/2017 6:07:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:07:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:07:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 6:07:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 6:07:00 AM
Ethyl acetate	0.72	0.54		ug/m3	1	12/20/2017 6:07:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 6:07:00 AM
Freon 11	1.5	0.84		ug/m3	1	12/20/2017 6:07:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 6:07:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 6:07:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analytic. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.

Client Sample ID: Rm 207

Lab Order: C1712064

Tag Number: 1181.258

Project: 690 Saint Paul St

Collection Date: 12/16/2017

Lab ID: C1712064-007A

Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 GT-TCE-VC			TO-15			Analyst: RJP
Freon 12 —	2.6	0.74		ug/m3	1	12/20/2017 6:07:00 AM
Heptane —	0.61	0.61		ug/m3	1	12/20/2017 6:07:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 6:07:00 AM
Hexane —	0.92	0.53		ug/m3	1	12/20/2017 6:07:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	12/20/2017 6:07:00 AM
m&p-Xylene —	0.91	1.3	J	ug/m3	1	12/20/2017 6:07:00 AM
Methyl Butyl Ketone —	0.94	1.2	J	ug/m3	1	12/20/2017 6:07:00 AM
Methyl Ethyl Ketone —	2.0	0.88		ug/m3	1	12/20/2017 6:07:00 AM
Methyl Isobutyl Ketone —	0.57	1.2	J	ug/m3	1	12/20/2017 6:07:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 6:07:00 AM
Methylene chloride —	1.3	0.52		ug/m3	1	12/20/2017 6:07:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 6:07:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 6:07:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 6:07:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 6:07:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 6:07:00 AM
Toluene —	2.0	0.57		ug/m3	1	12/20/2017 6:07:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:07:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:07:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 6:07:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 6:07:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 6:07:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 6:07:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-008A

Client Sample ID: Rm 215
 Tag Number: 129.308
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:48:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:48:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:48:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:48:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:48:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 6:48:00 AM
1,2,4-Trimethylbenzene —	0.69	0.74	J	ug/m3	1	12/20/2017 6:48:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 6:48:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:48:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:48:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 6:48:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 6:48:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 6:48:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:48:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:48:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 6:48:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 6:48:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 6:48:00 AM
Acetone —	12	3.6		ug/m3	5	12/20/2017 11:44:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 6:48:00 AM
Benzene —	0.61	0.48		ug/m3	1	12/20/2017 6:48:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 6:48:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:48:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 6:48:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 6:48:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 6:48:00 AM
Carbon tetrachloride —	0.63	0.25		ug/m3	1	12/20/2017 6:48:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 6:48:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 6:48:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 6:48:00 AM
Chloromethane —	0.97	0.31		ug/m3	1	12/20/2017 6:48:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:48:00 AM
cis-1,3-Dichloropropene	< 0.88	0.68		ug/m3	1	12/20/2017 6:48:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 6:48:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 6:48:00 AM
Ethyl acetate —	0.65	0.54		ug/m3	1	12/20/2017 6:48:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 6:48:00 AM
Freon 11 —	1.5	0.84		ug/m3	1	12/20/2017 6:48:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 6:48:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 6:48:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-008A

Client Sample ID: Rm 215
 Tag Number: 129.308
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12 —	2.6	0.74		ug/m3	1	12/20/2017 6:48:00 AM
Haptane	< 0.61	0.61		ug/m3	1	12/20/2017 6:48:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 6:48:00 AM
Hexane —	0.66	0.53		ug/m3	1	12/20/2017 6:48:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	12/20/2017 6:48:00 AM
m&p-Xylene —	1.0	1.3	J	ug/m3	1	12/20/2017 6:48:00 AM
Methyl Butyl Ketone —	< 1.2	1.2		ug/m3	1	12/20/2017 6:48:00 AM
Methyl Ethyl Ketone —	1.1	0.88		ug/m3	1	12/20/2017 6:48:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 6:48:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 6:48:00 AM
Methylene chloride —	0.87	0.52		ug/m3	1	12/20/2017 6:48:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 6:48:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 6:48:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 6:48:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 6:48:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 6:48:00 AM
Toluene —	1.4	0.57		ug/m3	1	12/20/2017 6:48:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:48:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:48:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 6:48:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 6:48:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 6:48:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 6:48:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-009A

Client Sample ID: 3rd Flr Stairwell
 Tag Number: 351.272
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 7:28:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 7:28:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 7:28:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 7:28:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 7:28:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 7:28:00 AM
1,2,4-Trimethylbenzene -	0.79	0.74		ug/m3	1	12/20/2017 7:28:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 7:28:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 7:28:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 7:28:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 7:28:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 7:28:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 7:28:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 7:28:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 7:28:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 7:28:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 7:28:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 7:28:00 AM
Acetone -	12 J	3.6		ug/m3	5	12/21/2017 7:13:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 7:28:00 AM
Benzene -	0.57	0.48		ug/m3	1	12/20/2017 7:28:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 7:28:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 7:28:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 7:28:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 7:28:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 7:28:00 AM
Carbon tetrachloride -	0.63	0.25		ug/m3	1	12/20/2017 7:28:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 7:28:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 7:28:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 7:28:00 AM
Chloromethane -	1.1	0.31		ug/m3	1	12/20/2017 7:28:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 7:28:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 7:28:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 7:28:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 7:28:00 AM
Ethyl acetate -	1.1	0.54		ug/m3	1	12/20/2017 7:28:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 7:28:00 AM
Freon 11 -	1.5	0.84		ug/m3	1	12/20/2017 7:28:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 7:28:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 7:28:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-009A

Client Sample ID: 3rd Flr Stairwell
 Tag Number: 351.272
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12 —	2.7	0.74		ug/m3	1	12/20/2017 7:28:00 AM
Heptane —	0.45	0.61	J	ug/m3	1	12/20/2017 7:28:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 7:28:00 AM
Hexane —	0.60	0.53		ug/m3	1	12/20/2017 7:28:00 AM
Isopropyl alcohol —	3.2	0.37		ug/m3	1	12/20/2017 7:28:00 AM
m&p-Xylene —	0.61	1.3	J	ug/m3	1	12/20/2017 7:28:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 7:28:00 AM
Methyl Ethyl Ketone —	0.94	0.88		ug/m3	1	12/20/2017 7:28:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 7:28:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 7:28:00 AM
Methylene chloride —	0.80	0.52		ug/m3	1	12/20/2017 7:28:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 7:28:00 AM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 7:28:00 AM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 7:28:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 7:28:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 7:28:00 AM
Toluene —	1.2	0.57		ug/m3	1	12/20/2017 7:28:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 7:28:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 7:28:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 7:28:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 7:28:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 7:28:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 7:28:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-010A

Client Sample ID: Rm 407
 Tag Number: 360.268
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 3:16:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 3:16:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 3:16:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 3:16:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 3:16:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 3:16:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 3:16:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 3:16:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:16:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 3:16:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 3:16:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 3:16:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 3:16:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:16:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:16:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 3:16:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 3:16:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 3:16:00 PM
Acetone —	10	3.6		ug/m3	5	12/21/2017 7:51:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 3:16:00 PM
Benzene —	0.61	0.48		ug/m3	1	12/20/2017 3:16:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 3:16:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 3:16:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 3:16:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 3:16:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 3:16:00 PM
Carbon tetrachloride—	0.50	0.25		ug/m3	1	12/20/2017 3:16:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 3:16:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 3:16:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 3:16:00 PM
Chloromethane —	0.81	0.31		ug/m3	1	12/20/2017 3:16:00 PM
cis-1,2-Dichloroethane	< 0.59	0.59		ug/m3	1	12/20/2017 3:16:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 3:16:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 3:16:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 3:16:00 PM
Ethyl acetate —	1.1	0.54		ug/m3	1	12/20/2017 3:16:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 3:16:00 PM
Freon 11 —	1.2	0.84		ug/m3	1	12/20/2017 3:16:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 3:16:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 3:16:00 PM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-010A

Client Sample ID: Rm 407
 Tag Number: 360.268
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12 —	2.3	0.74		ug/m3	1	12/20/2017 3:16:00 PM
Heptane	0.61 0.57 U	0.61	J	ug/m3	1	12/20/2017 3:16:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 3:16:00 PM
Hexane —	0.78	0.53		ug/m3	1	12/20/2017 3:16:00 PM
Isopropyl alcohol —	3.7	0.37		ug/m3	1	12/20/2017 3:16:00 PM
m&p-Xylene —	0.52	1.3	J	ug/m3	1	12/20/2017 3:16:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 3:16:00 PM
Methyl Ethyl Ketone —	0.62	0.88	J	ug/m3	1	12/20/2017 3:16:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 3:16:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 3:16:00 PM
Methylene chloride —	0.59	0.52		ug/m3	1	12/20/2017 3:16:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 3:16:00 PM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 3:16:00 PM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 3:16:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 3:16:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 3:16:00 PM
Toluene —	2.3	0.57		ug/m3	1	12/20/2017 3:16:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 3:16:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 3:16:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 3:16:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 3:16:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 3:16:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 3:16:00 PM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-011A

Client Sample ID: 4th Floor Hallway to Stairwell
 Tag Number: 141.263
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 3:56:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 3:56:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 3:56:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 3:56:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 3:56:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 3:56:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 3:56:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 3:56:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:56:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 3:56:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 3:56:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 3:56:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 3:56:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:56:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 3:56:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 3:56:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 3:56:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 3:56:00 PM
Acetone —	8.5 J	3.6		ug/m3	5	12/21/2017 8:29:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 3:56:00 PM
Benzene —	0.45	0.48 J		ug/m3	1	12/20/2017 3:56:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 3:56:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 3:56:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 3:56:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 3:56:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 3:56:00 PM
Carbon tetrachloride —	0.44	0.25		ug/m3	1	12/20/2017 3:56:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 3:56:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 3:56:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 3:56:00 PM
Chloromethane —	0.81	0.31		ug/m3	1	12/20/2017 3:56:00 PM
cis-1,2-Dichloroethane	< 0.59	0.59		ug/m3	1	12/20/2017 3:56:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 3:56:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 3:56:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 3:56:00 PM
Ethyl acetate —	7.1	0.54		ug/m3	1	12/20/2017 3:56:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 3:56:00 PM
Freon 11 —	1.5	0.84		ug/m3	1	12/20/2017 3:56:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 3:56:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 3:56:00 PM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-011A

Client Sample ID: 4th Floor Hallway to Stairwell
 Tag Number: 141.263
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12 -	2.5	0.74		ug/m3	1	12/20/2017 3:56:00 PM
Heptane -	0.45	0.61	J	ug/m3	1	12/20/2017 3:56:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 3:56:00 PM
Hexane	< 0.53	0.53		ug/m3	1	12/20/2017 3:56:00 PM
Isopropyl alcohol -	3.0	0.37		ug/m3	1	12/20/2017 3:56:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	12/20/2017 3:56:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 3:56:00 PM
Methyl Ethyl Ketone -	0.59	0.88	J	ug/m3	1	12/20/2017 3:56:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 3:56:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 3:56:00 PM
Methylene chloride -	0.73	0.52		ug/m3	1	12/20/2017 3:56:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 3:56:00 PM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 3:56:00 PM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 3:56:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 3:56:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 3:56:00 PM
Toluene -	0.60	0.57		ug/m3	1	12/20/2017 3:56:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 3:56:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 3:56:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 3:56:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 3:56:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 3:56:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 3:56:00 PM

Qualifiers:	** Quantitation Limit	.	Results reported are not blank corrected
	B Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S Spike Recovery outside accepted recovery limits		

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-012A

Client Sample ID: Rm 415 (Cafeteria)
 Tag Number: 98.251
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 5:21:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 5:21:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 5:21:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 5:21:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 5:21:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 5:21:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 5:21:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 5:21:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:21:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 5:21:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 5:21:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 5:21:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 5:21:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:21:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 5:21:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 5:21:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 5:21:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 5:21:00 PM
Acetone —	7.7 J	3.6		ug/m3	5	12/21/2017 12:22:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 5:21:00 PM
Benzene —	0.42	0.48 J		ug/m3	1	12/20/2017 5:21:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 5:21:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 5:21:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 5:21:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 5:21:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 5:21:00 PM
Carbon tetrachloride —	0.44	0.25		ug/m3	1	12/20/2017 5:21:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 5:21:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 5:21:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 5:21:00 PM
Chloromethane —	0.78	0.31		ug/m3	1	12/20/2017 5:21:00 PM
cis-1,2-Dichloroethane	< 0.59	0.59		ug/m3	1	12/20/2017 5:21:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 5:21:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 5:21:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 5:21:00 PM
Ethyl acetate —	4.9	0.54		ug/m3	1	12/20/2017 5:21:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 5:21:00 PM
Freon 11 —	1.3	0.84		ug/m3	1	12/20/2017 5:21:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 5:21:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 5:21:00 PM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-012A

Client Sample ID: Rm 415 (Cafeteria)
 Tag Number: 98.251
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12 —	2.2	0.74		ug/m3	1	12/20/2017 5:21:00 PM
Heptane	< 0.61	0.61		ug/m3	1	12/20/2017 5:21:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 5:21:00 PM
Hexane	< 0.53	0.53		ug/m3	1	12/20/2017 5:21:00 PM
Isopropyl alcohol —	2.4	0.37		ug/m3	1	12/20/2017 5:21:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	12/20/2017 5:21:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 5:21:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	12/20/2017 5:21:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 5:21:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 5:21:00 PM
Methylene chloride —	0.69	0.52		ug/m3	1	12/20/2017 5:21:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 5:21:00 PM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 5:21:00 PM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 5:21:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 5:21:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 5:21:00 PM
Toluene —	0.64	0.57		ug/m3	1	12/20/2017 5:21:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 5:21:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 5:21:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 5:21:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 5:21:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 5:21:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 5:21:00 PM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-013A

Client Sample ID: Roof(outside)
 Tag Number: 357.235
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:02:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:02:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:02:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:02:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:02:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 6:02:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 6:02:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 6:02:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:02:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:02:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 6:02:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	12/20/2017 6:02:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 6:02:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:02:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:02:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 6:02:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	12/20/2017 6:02:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 6:02:00 PM
Acetone —	11 J	3.6		ug/m3	5	12/21/2017 12:59:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 6:02:00 PM
Benzene —	0.42	0.48	J	ug/m3	1	12/20/2017 6:02:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 6:02:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:02:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 6:02:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 6:02:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 6:02:00 PM
Carbon tetrachloride —	0.44	0.25		ug/m3	1	12/20/2017 6:02:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 6:02:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 6:02:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	12/20/2017 6:02:00 PM
Chloromethane —	0.70	0.31		ug/m3	1	12/20/2017 6:02:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:02:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:02:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	12/20/2017 6:02:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 6:02:00 PM
Ethyl acetate —	1.6	0.54		ug/m3	1	12/20/2017 6:02:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	12/20/2017 6:02:00 PM
Freon 11 ~	1.2	0.84		ug/m3	1	12/20/2017 6:02:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 6:02:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 6:02:00 PM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte, Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-013A

Client Sample ID: Roof (outside)
 Tag Number: 357.235
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
Freon 12 -	2.3	0.74		ug/m3	1	12/20/2017 6:02:00 PM
Heptane	< 0.61	0.61		ug/m3	1	12/20/2017 6:02:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 6:02:00 PM
Hexane	< 0.53	0.53		ug/m3	1	12/20/2017 6:02:00 PM
Isopropyl alcohol -	1.3	0.37		ug/m3	1	12/20/2017 6:02:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	12/20/2017 6:02:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 6:02:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	12/20/2017 6:02:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 6:02:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 6:02:00 PM
Methylene chloride	0.69 -	0.52		ug/m3	1	12/20/2017 6:02:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	12/20/2017 6:02:00 PM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 6:02:00 PM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 6:02:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 6:02:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 6:02:00 PM
Toluene -	0.57	0.57		ug/m3	1	12/20/2017 6:02:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:02:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:02:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	12/20/2017 6:02:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 6:02:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 6:02:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 6:02:00 PM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-014A

Client Sample ID: Elevator
 Tag Number: 317.1160
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:42:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:42:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	12/20/2017 6:42:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:42:00 PM
1,1-Dichloroethane	< 0.59	0.59		ug/m3	1	12/20/2017 6:42:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	12/20/2017 6:42:00 PM
1,2,4-Trimethylbenzene -	1.4	0.74		ug/m3	1	12/20/2017 6:42:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	12/20/2017 6:42:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:42:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	12/20/2017 6:42:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	12/20/2017 6:42:00 PM
1,3,5-Trimethylbenzene -	0.64	0.74	J	ug/m3	1	12/20/2017 6:42:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	12/20/2017 6:42:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:42:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	12/20/2017 6:42:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	12/20/2017 6:42:00 PM
2,2,4-trimethylpentane -	0.75	0.70		ug/m3	1	12/20/2017 6:42:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	12/20/2017 6:42:00 PM
Acetone -	7.8	3.6		ug/m3	5	12/21/2017 1:37:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	12/20/2017 6:42:00 PM
Benzene -	1.7	0.48		ug/m3	1	12/20/2017 6:42:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	12/20/2017 6:42:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	12/20/2017 6:42:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	12/20/2017 6:42:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	12/20/2017 6:42:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	12/20/2017 6:42:00 PM
Carbon tetrachloride -	0.44	0.25		ug/m3	1	12/20/2017 6:42:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	12/20/2017 6:42:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	12/20/2017 6:42:00 PM
Chloroform -	0.68	0.73	J	ug/m3	1	12/20/2017 6:42:00 PM
Chloromethane -	0.85	0.31		ug/m3	1	12/20/2017 6:42:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:42:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	12/20/2017 6:42:00 PM
Cyclohexane -	0.48	0.52	J	ug/m3	1	12/20/2017 6:42:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	12/20/2017 6:42:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	12/20/2017 6:42:00 PM
Ethylbenzene -	0.65	0.65		ug/m3	1	12/20/2017 6:42:00 PM
Freon 11 -	1.2	0.84		ug/m3	1	12/20/2017 6:42:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	12/20/2017 6:42:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	12/20/2017 6:42:00 PM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 10-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1712064
 Project: 690 Saint Paul St
 Lab ID: C1712064-014A

Client Sample ID: Elevator
 Tag Number: 317.1160
 Collection Date: 12/16/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12 —	2.2	0.74		ug/m3	1	12/20/2017 6:42:00 PM
Heptane —	0.90	0.61		ug/m3	1	12/20/2017 6:42:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	12/20/2017 6:42:00 PM
Hexane —	2.3	0.53		ug/m3	1	12/20/2017 6:42:00 PM
Isopropyl alcohol	1.0 U	0.37		ug/m3	1	12/20/2017 6:42:00 PM
m&p-Xylene —	2.6	1.3		ug/m3	1	12/20/2017 6:42:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 6:42:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	12/20/2017 6:42:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	12/20/2017 6:42:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	12/20/2017 6:42:00 PM
Methylene chloride —	0.80	0.52		ug/m3	1	12/20/2017 6:42:00 PM
o-Xylene —	0.91	0.65		ug/m3	1	12/20/2017 6:42:00 PM
Propylene	< 0.26	0.26		ug/m3	1	12/20/2017 6:42:00 PM
Styrene	< 0.64	0.64		ug/m3	1	12/20/2017 6:42:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	12/20/2017 6:42:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	12/20/2017 6:42:00 PM
Toluene —	4.7	0.57		ug/m3	1	12/20/2017 6:42:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	12/20/2017 6:42:00 PM
trans-1,3-Dichloropropene	< 0.66	0.66		ug/m3	1	12/20/2017 6:42:00 PM
Trichloroethene —	0.38	0.16		ug/m3	1	12/20/2017 6:42:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	12/20/2017 6:42:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	12/20/2017 6:42:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	12/20/2017 6:42:00 PM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Date: 10-Jan-18



CEN TEK LABORATORIES, LLC

QC SUMMARY REPORT

SURROGATE RECOVERIES

CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

Test No: TO-15

Matrix: A

Sample ID	BR4FBZ
ALCSIUG-121917	112
ALCSIUG-122017	108
ALCSIUG-122117	111
ALCSIUGD-121917	106
AMBIUG-121917	82.0
AMBIUG-122017	78.0
AMBIUG-122117	75.0
C1712064-001A	100
C1712064-002A	98.0
C1712064-003A	86.0
C1712064-003A MS	108
C1712064-003A MSD	106
C1712064-004A	89.0
C1712064-005A	88.0
C1712064-006A	89.0
C1712064-007A	93.0
C1712064-008A	90.0
C1712064-009A	88.0
C1712064-010A	93.0
C1712064-011A	87.0
C1712064-012A	86.0
C1712064-013A	82.0
C1712064-014A	100

Acronym	Surrogate	QC Limits
BR4FBZ	= Bromofluorobenzene	70-130 80-120

* Surrogate recovery outside acceptance limits

Centek Laboratories, LLC

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA2\2017DEC\AO121902.D

Tune Time : 19 Dec 2017 10:41 am

Daily Calibration File : C:\HPCHEM\1\DATA2\2017DEC\AO121902.D

				36910	150098	125723
				(IS1)	(IS2)	(IS3)
				26364	107213	89802
				15818	64328	53881
File	Sample	DL	Surrogate Recovery %	Internal	Standard	Responses
AO121903.D	ALCS1UG-121917	112	10.61 12.83 17.56	25514	107065	89001
AO121904.D	AMB1UG-121917	82		26638	105357	79620
AO121919.D	ALCS1UGD-121917	106		26867	105262	87594
AO121920.D	C1712064-001A	100	10.61 12.83 17.57	25417	105671	89267
AO121921.D	C1712064-002A	98	10.62 12.83 17.56	25465	104474	89489
AO121922.D	C1712064-003A	86	10.61 12.83 17.56	25404	100741	84689
AO121923.D	C1712064-003A MS	108		26189	102770	88966
AO121924.D	C1712064-003A MSD	106		26773	103083	89194
AO121925.D	C1712064-004A	89	10.61 12.83 17.56	25196	99389	82267
AO121926.D	C1712064-005A	88	10.61 12.83 17.56	26040	100180	88342
AO121927.D	C1712064-006A	89	10.62 12.84 17.56	25543	99687	85129
AO121928.D	C1712064-007A	93	10.61 12.83 17.56	25359	99992	85547
AO121929.D	C1712064-008A	90	10.61 12.83 17.57	25424	98354	82800
AO121930.D	C1712064-009A	88	10.62 12.84 17.57	24317	96977	83192

t - fails 24hr time check * - fails criteria

Created: Wed Jan 10 10:03:36 2018 MSD #1/

Centek Laboratories, LLC

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA2\2017DEC\AO122003.D

Tune Time : 20 Dec 2017 12:27 pm

Daily Calibration File : C:\HPCHEM\1\DATA2\2017DEC\AO122003.D

CCV 12/20/17 12:27 (BFB)				43469	175407	148788
				(IS1)	(IS2)	(IS3)
				31049	125291	106277
				18629	75175	63766
File	Sample	DL	Surrogate Recovery %	Internal	Standard	Responses
AO122004.D	ALCS1UG-122017	108		30063 ✓	123775 ✓	104574 ✓
AO122005.D	AMB1UG-122017	(78)		28126	113457	85494
AO122007.D	C1712064-010A	93	10.61 12.83 17.56	28074	111803	94197
AO122008.D	C1712064-011A	87	10.61 12.83 17.56	27473	110830	92608
AO122010.D	C1712064-012A	86	10.61 12.83 17.57	28836	111994	90427
AO122011.D	C1712064-013A	82	10.61 12.84 17.57	28607	111091	92262
AO122012.D	C1712064-014A	100	10.61 12.84 17.57	29425	111655	95580
AO122013.D	C1712064-001A 5X	83	10.62 12.83 17.56	28626	108857	84123
AO122014.D	C1712064-002A 5X	84	10.61 12.83 17.57	27325	107566	79905
AO122015.D	C1712064-003A 5X	(76)	10.62 12.84 17.56	27118	109015	77449
AO122016.D	C1712064-004A 5X	(79)	10.60 12.83 17.56	27055	105148	77971
AO122017.D	C1712064-005A 5X	(78)	10.60 12.83 17.56	27807	105995	77784
AO122018.D	C1712064-006A 5X	(76)	10.62 12.83 17.56	26962	103519	76049
AO122019.D	C1712064-007A 5X	(78)	10.61 12.84 17.56	27312	106905	78356
AO122020.D	C1712064-008A 5X	81	10.61 12.83 17.56	26726	104413	78187
AO122021.D	C1712064-009A 5X	(79)	10.61 12.83 17.56	29682	115093	86020
AO122022.D	C1712064-010A 5X	81	10.61 12.83 17.57	27532	105119	79172
AO122023.D	C1712064-011A 5X	(78)	10.61 12.83 17.57	27214	103164	80763

t - fails 24hr time check * - fails criteria

Created: Wed Jan 10 10:05:45 2018 MSD #1/

Centek Laboratories, LLC

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA2\2017DEC\AO122103.D

Tune Time : 21 Dec 2017 10:28 am

Daily Calibration File : C:\HPCHEM\1\DATA2\2017DEC\AO122103.D

CCV 12/21/17 10:28 (BFB) 10.60 12.83 17.56

	41763 (IS1) 29831 17899	164373 (IS2) 117409 70445	139156 (IS3) 99397 59638
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File	Sample	DL Surrogate Recovery %	Internal Standard Responses
AO122104.D	ALCS1UG-122117	111	28996 ✓ 122693 ✓ 99555 ✓
AO122105.D	AMB1UG-122117	75	27931 109788 84888
AO122106.D	C1712064-012A 5X	79 10.61 12.83 17.56	26469 102703 78971
AO122107.D	C1712064-013A 5X	75 10.61 12.83 17.57	26729 103385 80480
AO122108.D	C1712064-014A 5X	81 10.61 12.84 17.57	26071 107383 82879
AO122125.D	ALCS1UGD-122117	110	30198 116840 94590

t - fails 24hr time check * - fails criteria

Created: Wed Jan 10 10:07:18 2018 MSD #1/

Date: 10-Jan-18

CENTEK LABORATORIES, LLC

ANALYTICAL QC SUMMARY REPORT

CLIENT: LaBella Associates, P.C.
 Work Order: C1712064
 Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-121917	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbv	Prep Date:	RunNo: 13065						
Client ID: ZZZZZ	Batch ID: R13065	TestNo: TO-15		Analysis Date: 12/19/2017	SeqNo: 151837						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.150	0.15	1	0	115	70	130				
1,1,2,2-Tetrachloroethane	1.090	0.15	1	0	109	70	130				
1,1,2-Trichloroethane	1.110	0.15	1	0	111	70	130				
1,1-Dichloroethane	1.160	0.15	1	0	116	70	130				
1,1-Dichloroethene	0.9300	0.15	1	0	93.0	70	130				
1,2,4-Trichlorobenzene	1.090	0.15	1	0	109	70	130				
1,2,4-Trimethylbenzene	1.170	0.15	1	0	117	70	130				
1,2-Dibromoethane	1.070	0.15	1	0	107	70	130				
1,2-Dichlorobenzene	1.140	0.15	1	0	114	70	130				
1,2-Dichloroethane	1.160	0.15	1	0	116	70	130				
1,2-Dichloropropane	1.110	0.15	1	0	111	70	130				
1,3,5-Trimethylbenzene	1.190	0.15	1	0	119	70	130				
1,3-butadiene	1.170	0.15	1	0	117	70	130				
1,3-Dichlorobenzene	1.110	0.15	1	0	111	70	130				
1,4-Dichlorobenzene	1.090	0.15	1	0	109	70	130				
1,4-Dioxane	1.090	0.30	1	0	109	70	130				
2,2,4-Trimethylpentane	1.090	0.15	1	0	109	70	130				
4-ethyltoluene	1.170	0.15	1	0	117	70	130				
Acetone	1.180	0.30	1	0	118	70	130				
Allyl chloride	1.070	0.15	1	0	107	70	130				
Benzene	1.040	0.15	1	0	104	70	130				
Benzyl chloride	1.200	0.15	1	0	120	70	130				
Bromodichloromethane	1.140	0.15	1	0	114	70	130				
Bromoforn	1.090	0.15	1	0	109	70	130				
Bromomethane	1.160	0.15	1	0	116	70	130				

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 ND Estimated Value above quantitation range
 E Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

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CLIENT: LaBella Associates, P.C.
 Work Order: C1712064
 Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-121917		SampType: LCS		TestCode: 0.25CT-TCE-		Units: ppbv		Prep Date:		RunNo: 13065	
Client ID: ZZZZ		Batch ID: R13065		TestNo: TO-15				Analysis Date: 12/19/2017		SeqNo: 151837	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	1.100	0.15	1	0	110	70	130				
Carbon tetrachloride	1.080	0.040	1	0	108	70	130				
Chlorobenzene	1.060	0.15	1	0	106	70	130				
Chloroethane	1.160	0.15	1	0	116	70	130				
Chloroform	1.150	0.15	1	0	115	70	130				
Chloromethane	1.170	0.15	1	0	117	70	130				
cis-1,2-Dichloroethane	1.110	0.15	1	0	111	70	130				
cis-1,3-Dichloropropene	1.110	0.15	1	0	111	70	130				
Cyclohexane	1.050	0.15	1	0	105	70	130				
Dibromochloromethane	1.090	0.15	1	0	109	70	130				
Ethyl acetate	1.150	0.15	1	0	115	70	130				
Ethylbenzene	1.020	0.15	1	0	102	70	130				
Freon 11	1.270	0.15	1	0	127	70	130				
Freon 113	1.100	0.15	1	0	110	70	130				
Freon 114	1.190	0.15	1	0	119	70	130				
Freon 12	1.130	0.15	1	0	113	70	130				
Heptane	1.110	0.15	1	0	111	70	130				
Hexachloro-1,3-butadiene	1.140	0.15	1	0	114	70	130				
Hexane	1.110	0.15	1	0	111	70	130				
Isopropyl alcohol	1.260	0.15	1	0	126	70	130				
m&p-Xylene	2.190	0.30	2	0	110	70	130				
Methyl Butyl Ketone	1.210	0.30	1	0	121	70	130				
Methyl Ethyl Ketone	1.130	0.30	1	0	113	70	130				
Methyl Isobutyl Ketone	1.170	0.30	1	0	117	70	130				
Methyl tert-butyl ether	1.160	0.15	1	0	116	70	130				
Methylene chloride	1.120	0.15	1	0	112	70	130				
o-Xylene	1.120	0.15	1	0	112	70	130				
Propylene	1.200	0.15	1	0	120	70	130				
Styrene	1.150	0.15	1	0	115	70	130				
Tetrachloroethylene	1.040	0.15	1	0	104	70	130				
Tetrahydrofuran	1.090	0.15	1	0	109	70	130				

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 ND Estimated Value above quantitation range
 E Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-121917		Sample Type: LCS	TestCode: 0.25CT-TCE-		Units: ppbV	Prep Date:		RunNo: 13065			
Client ID: ZZZZZ		Batch ID: R13065	TestNo: TO-15			Analysis Date: 12/19/2017		SeqNo: 151837			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	1.030	0.15	1	0	103 ✓	70	130				
trans-1,2-Dichloroethene	1.100	0.15	1	0	110	70	130				
trans-1,3-Dichloropropene	1.060	0.15	1	0	106	70	130				
Trichloroethene	0.9900	0.030	1	0	99.0	70	130				
Vinyl acetate	1.080	0.15	1	0	108	70	130				
Vinyl Bromide	1.210	0.15	1	0	121	70	130				
Vinyl chloride	1.140	0.040	1	0	114	70	130				

Sample ID: ALCS1UG-122017	Sample Type: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13066						
Client ID: ZZZZZ	Batch ID: R13066	TestNo: TO-15		Analysis Date: 12/20/2017	SeqNo: 151851						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.9300	0.15	1	0	93.0	70	130				
1,1,2,2-Tetrachloroethane	0.8700	0.15	1	0	87.0	70	130				
1,1,2-Trichloroethane	0.8800	0.15	1	0	88.0	70	130				
1,1-Dichloroethane	0.9100	0.15	1	0	91.0	70	130				
1,1-Dichloroethene	0.8000	0.15	1	0	80.0	70	130				
1,2,4-Trichlorobenzene	0.9300	0.15	1	0	93.0	70	130				
1,2,4-Trimethylbenzene	0.8700	0.15	1	0	87.0	70	130				
1,2-Dibromoethane	0.8600	0.15	1	0	86.0	70	130				
1,2-Dichlorobenzene	0.8800	0.15	1	0	88.0	70	130				
1,2-Dichloroethane	0.9200	0.15	1	0	92.0	70	130				
1,2-Dichloropropane	0.8800	0.15	1	0	88.0	70	130				
1,3,5-Trimethylbenzene	0.9100	0.15	1	0	91.0	70	130				
1,3-butadiene	1.000	0.15	1	0	100	70	130				
1,3-Dichlorobenzene	0.8800	0.15	1	0	88.0	70	130				
1,4-Dichlorobenzene	0.9000	0.15	1	0	90.0	70	130				
1,4-Dioxane	0.8300	0.30	1	0	83.0	70	130				
2,2,4-trimethylpentane	0.8600	0.15	1	0	86.0	70	130				
4-ethyltoluene	0.9000	0.15	1	0	90.0	70	130				

Qualifiers: Results reported are not blank corrected
 F Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits
 E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

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CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-122017		SampleType: LCS	TestCode: 0.25CT-TCE-		Units: ppbV	Prep Date:		RunNo: 13066	
Client ID: ZZZZZ		Batch ID: R13066	TestNo: TO-15			Analysis Date: 12/20/2017		SeqNo: 151851	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	RPD Limit
Acetone	0.8700	0.30	1	0	87.0 ✓	70	130		
Allyl chloride	0.8700	0.15	1	0	87.0	70	130		
Benzene	0.8400	0.15	1	0	84.0	70	130		
Benzyl chloride	0.9300	0.15	1	0	93.0	70	130		
Bromodichloromethane	0.9300	0.15	1	0	93.0	70	130		
Bromoform	0.8800	0.15	1	0	88.0	70	130		
Bromomethane	0.9700	0.15	1	0	97.0	70	130		
Carbon disulfide	0.8800	0.15	1	0	88.0	70	130		
Carbon tetrachloride	0.8900	0.040	1	0	89.0	70	130		
Chlorobenzene	0.8700	0.15	1	0	87.0	70	130		
Chloroethane	0.9600	0.15	1	0	96.0	70	130		
Chloroform	0.9100	0.15	1	0	91.0	70	130		
Chloromethane	1.030	0.15	1	0	103	70	130		
cis-1,2-Dichloroethene	0.8700	0.15	1	0	87.0	70	130		
cis-1,3-Dichloropropene	0.8900	0.15	1	0	89.0	70	130		
Cyclohexane	0.8600	0.15	1	0	86.0	70	130		
Dibromochloromethane	0.8800	0.15	1	0	88.0	70	130		
Ethyl acetate	0.8100	0.15	1	0	81.0	70	130		
Ethylbenzene	0.8100	0.15	1	0	81.0	70	130		
Freon 11	1.020	0.15	1	0	102	70	130		
Freon 113	0.8800	0.15	1	0	88.0	70	130		
Freon 114	1.010	0.15	1	0	101	70	130		
Freon 12	1.030	0.15	1	0	103	70	130		
Heptane	0.8700	0.15	1	0	87.0	70	130		
Hexachloro-1,3-butadiene	0.9200	0.15	1	0	92.0	70	130		
Hexane	0.8700	0.15	1	0	87.0	70	130		
Isopropyl alcohol	0.9800	0.15	1	0	98.0	70	130		
m&p-Xylene	1.720	0.30	2	0	86.0	70	130		
Methyl Butyl Ketone	0.7500	0.30	1	0	75.0	70	130		
Methyl Ethyl Ketone	0.7700	0.30	1	0	77.0	70	130		
Methyl Isobutyl Ketone	0.8900	0.30	1	0	89.0	70	130		

Qualifiers: J Results reported are not blank corrected E Estimated Value above quantitation range H Holding times for preparation or analysis exceeded
 S Analyte detected below quantitation limit ND Not Detected at the Limit of Detection R RPD outside accepted recovery limits

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CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: ALCST1UG-122017	Sample Type: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13066						
Client ID: ZZZZZ	Batch ID: R13066	TestNo: TO-15		Analysis Date: 12/20/2017	SeqNo: 151851						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.8600	0.15	1	0	86.0	70	130				
Methylene chloride	0.8700	0.15	1	0	87.0	70	130				
o-Xylene	0.8600	0.15	1	0	86.0	70	130				
Propylene	0.9700	0.15	1	0	97.0	70	130				
Styrene	0.9000	0.15	1	0	90.0	70	130				
Tetrachloroethylene	0.8500	0.15	1	0	85.0	70	130				
Tetrahydrofuran	0.8300	0.15	1	0	83.0	70	130				
Toluene	0.8400	0.15	1	0	84.0	70	130				
trans-1,2-Dichloroethene	0.8700	0.15	1	0	87.0	70	130				
trans-1,3-Dichloropropene	0.8600	0.15	1	0	86.0	70	130				
Trichloroethene	0.8100	0.030	1	0	81.0	70	130				
Vinyl acetate	0.8400	0.15	1	0	84.0	70	130				
Vinyl Bromide	0.9700	0.15	1	0	97.0	70	130				
Vinyl chloride	0.9500	0.040	1	0	95.0	70	130				

Sample ID: ALCST1UG-122117	Sample Type: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13067						
Client ID: ZZZZZ	Batch ID: R13067	TestNo: TO-15		Analysis Date: 12/21/2017	SeqNo: 151869						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.010	0.15	1	0	101	70	130				
1,1,2,2-Tetrachloroethane	1.010	0.15	1	0	101	70	130				
1,1,2-Trichloroethane	1.010	0.15	1	0	101	70	130				
1,1-Dichloroethane	1.020	0.15	1	0	102	70	130				
1,1-Dichloroethene	0.8700	0.15	1	0	87.0	70	130				
1,2,4-Trichlorobenzene	0.9900	0.15	1	0	99.0	70	130				
1,2,4-Trimethylbenzene	1.020	0.15	1	0	102	70	130				
1,2-Dibromoethane	0.9600	0.15	1	0	96.0	70	130				
1,2-Dichlorobenzene	1.030	0.15	1	0	103	70	130				
1,2-Dichloroethane	1.000	0.15	1	0	100	70	130				
1,2-Dichloropropane	1.000	0.15	1	0	100	70	130				

Qualifiers: 1 Results reported are not blank corrected F Estimated Value above quantitation range H Holding times for preparation or analysis exceeded
 S Analyte detected below quantitation limit ND Not Detected at the Limit of Detection R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits

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CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: ALC51UG-122117		SampType: LCS		TestCode: 0.25CT-TCE-		Units: ppbV		Prep Date:		RunNo: 13067	
Client ID: ZZZZZ		Batch ID: R13067		TestNo: TO-15		Analysis Date: 12/21/2017		SeqNo: 151869			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	1.080	0.15	1	0	108	70	130				
1,3-butadiene	1.070	0.15	1	0	107	70	130				
1,3-Dichlorobenzene	1.040	0.15	1	0	104	70	130				
1,4-Dichlorobenzene	1.060	0.15	1	0	106	70	130				
1,4-Dioxane	0.8100	0.30	1	0	81.0	70	130				
2,2,4-Trimethylpentane	0.9500	0.15	1	0	95.0	70	130				
4-ethyltoluene	1.040	0.15	1	0	104	70	130				
Acetone	0.9500	0.30	1	0	95.0	70	130				
Allyl chloride	0.9400	0.15	1	0	94.0	70	130				
Benzene	0.9100	0.15	1	0	91.0	70	130				
Benzyl chloride	1.030	0.15	1	0	103	70	130				
Bromodichloromethane	1.010	0.15	1	0	101	70	130				
Bromoform	1.020	0.15	1	0	102	70	130				
Bromomethane	1.060	0.15	1	0	106	70	130				
Carbon disulfide	0.9500	0.15	1	0	95.0	70	130				
Carbon tetrachloride	0.9700	0.040	1	0	97.0	70	130				
Chlorobenzene	0.9800	0.15	1	0	98.0	70	130				
Chloroethane	1.060	0.15	1	0	106	70	130				
Chloroform	1.010	0.15	1	0	101	70	130				
Chloromethane	1.090	0.15	1	0	109	70	130				
cis-1,2-Dichloroethene	0.9300	0.15	1	0	93.0	70	130				
cis-1,3-Dichloropropene	0.9600	0.15	1	0	96.0	70	130				
Cyclohexane	0.9500	0.15	1	0	95.0	70	130				
Dibromochloromethane	1.010	0.15	1	0	101	70	130				
Ethyl acetate	0.8800	0.15	1	0	88.0	70	130				
Ethylbenzene	0.9400	0.15	1	0	94.0	70	130				
Freon 11	1.110	0.15	1	0	111	70	130				
Freon 113	0.9600	0.15	1	0	96.0	70	130				
Freon 114	1.030	0.15	1	0	103	70	130				
Freon 12	1.060	0.15	1	0	106	70	130				
Heptane	0.9600	0.15	1	0	96.0	70	130				

Qualifiers:

3 Results reported are not blank corrected
 J Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

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CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-122117	Sample Type: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13067						
Client ID: ZZZZZ	Batch ID: R13067	TestNo: T0-15		Analysis Date: 12/21/2017	SeqNo: 151869						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloro-1,3-butadiene	1.010	0.15	1	0	101	70	130				
Hexane	0.9700	0.15	1	0	97.0	70	130				
Isopropyl alcohol	0.9700	0.15	1	0	97.0	70	130				
m&p-Xylene	1.990	0.30	2	0	99.5	70	130				
Methyl Butyl Ketone	0.9700	0.30	1	0	97.0	70	130				
Methyl Ethyl Ketone	0.8300	0.30	1	0	83.0	70	130				
Methyl Isobutyl Ketone	0.9200	0.30	1	0	92.0	70	130				
Methyl tert-butyl ether	0.9500	0.15	1	0	95.0	70	130				
Methylene chloride	0.9700	0.15	1	0	97.0	70	130				
o-Xylene	1.010	0.15	1	0	101	70	130				
Propylene	1.130	0.15	1	0	113	70	130				
Styrene	1.030	0.15	1	0	103	70	130				
Tetrachloroethylene	1.010	0.15	1	0	101	70	130				
Tetrahydrofuran	0.8900	0.15	1	0	89.0	70	130				
Toluene	0.9500	0.15	1	0	95.0	70	130				
trans-1,2-Dichloroethene	0.9500	0.15	1	0	95.0	70	130				
trans-1,3-Dichloropropene	0.9100	0.15	1	0	91.0	70	130				
Trichloroethene	0.8900	0.030	1	0	89.0	70	130				
Vinyl acetate	0.8600	0.15	1	0	86.0	70	130				
Vinyl Bromide	1.040	0.15	1	0	104	70	130				
Vinyl chloride	0.9900	0.040	1	0	99.0	70	130				

Qualifiers:

J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

Date: 10-Jan-18

CENTEK LABORATORIES, LLC

ANALYTICAL QC SUMMARY REPORT

CLIENT: LaBella Associates, P.C.
 Work Order: C1712064
 Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UGD-121917		Sample Type: LCSD	TestCode: 0.25CT-TCE-		Units: ppbV	Prep Date:		RunNo: 13065			
Client ID: ZZZZZ		Batch ID: R13065	TestNo: TO-15			Analysis Date: 12/19/2017		SeqNo: 151838			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.160	0.15	1	0	116	70	130	1.15	0.866	30	
1,1,2,2-Tetrachloroethane	1.110	0.15	1	0	111	70	130	1.09	1.82	30	
1,1,2-Trichloroethane	1.080	0.15	1	0	108	70	130	1.11	2.74	30	
1,1-Dichloroethane	1.100	0.15	1	0	110	70	130	1.16	5.31	30	
1,1-Dichloroethene	0.9300	0.15	1	0	93.0	70	130	0.93	0	30	
1,2,4-Trichlorobenzene	1.090	0.15	1	0	109	70	130	1.09	0	30	
1,2,4-Trimethylbenzene	1.110	0.15	1	0	111	70	130	1.17	5.26	30	
1,2-Dibromoethane	1.090	0.15	1	0	109	70	130	1.07	1.85	30	
1,2-Dichlorobenzene	1.110	0.15	1	0	111	70	130	1.14	2.67	30	
1,2-Dichloroethane	1.090	0.15	1	0	109	70	130	1.16	6.22	30	
1,2-Dichloropropane	1.110	0.15	1	0	111	70	130	1.11	0	30	
1,3,5-Trimethylbenzene	1.160	0.15	1	0	116	70	130	1.19	2.55	30	
1,3-butadiene	1.170	0.15	1	0	117	70	130	1.17	0	30	
1,3-Dichlorobenzene	1.110	0.15	1	0	111	70	130	1.11	0	30	
1,4-Dichlorobenzene	1.110	0.15	1	0	111	70	130	1.09	1.82	30	
1,4-Dioxane	1.020	0.30	1	0	102	70	130	1.09	6.64	30	
2,2,4-trimethylpentane	1.060	0.15	1	0	106	70	130	1.09	2.79	30	
4-ethyltoluene	1.120	0.15	1	0	112	70	130	1.17	4.37	30	
Acetone	1.120	0.30	1	0	112	70	130	1.18	5.22	30	
Allyl chloride	1.020	0.15	1	0	102	70	130	1.07	4.78	30	
Benzene	1.010	0.15	1	0	101	70	130	1.04	2.93	30	
Benzyl chloride	1.190	0.15	1	0	119	70	130	1.2	0.837	30	
Bromodichloromethane	1.130	0.15	1	0	113	70	130	1.14	0.881	30	
Bromoform	1.100	0.15	1	0	110	70	130	1.09	0.913	30	
Bromomethane	1.100	0.15	1	0	110	70	130	1.16	5.31	30	

Qualifiers:
 - Results reported are not blank corrected
 J Analytic detected below quantitation limit
 S Spike Recovery outside accepted recovery limits
 E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UGD-121917		SampleType: LCSD	TestCode: 0.25CT-TCE-		Units: ppbV	Prep Date:		RunNo: 13065			
Client ID: ZZZZZ		Batch ID: R13065	TestNo: TO-15			Analysis Date: 12/19/2017		SeqNo: 151838			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	1.080	0.15	1	0	106	70	130	1.1	3.70	30	
Carbon tetrachloride	1.090	0.040	1	0	109	70	130	1.08	0.922	30	
Chlorobenzene	1.050	0.15	1	0	105	70	130	1.06	0.948	30	
Chloroethane	1.080	0.15	1	0	108	70	130	1.16	7.14	30	
Chloroform	1.050	0.15	1	0	105	70	130	1.15	9.09	30	
Chloromethane	1.160	0.15	1	0	116	70	130	1.17	0.858	30	
cis-1,2-Dichloroethene	1.030	0.15	1	0	103	70	130	1.11	7.48	30	
cis-1,3-Dichloropropene	1.080	0.15	1	0	108	70	130	1.11	2.74	30	
Cyclohexane	1.030	0.15	1	0	103	70	130	1.05	1.92	30	
Dibromochloromethane	1.100	0.15	1	0	110	70	130	1.09	0.913	30	
Ethyl acetate	1.010	0.15	1	0	101	70	130	1.15	13.0	30	
Ethylbenzene	1.000	0.15	1	0	100	70	130	1.02	1.98	30	
Freon 11	1.160	0.15	1	0	116	70	130	1.27	9.05	30	
Freon 113	1.050	0.15	1	0	105	70	130	1.1	4.85	30	
Freon 114	1.180	0.15	1	0	118	70	130	1.19	0.844	30	
Freon 12	1.180	0.15	1	0	118	70	130	1.13	4.33	30	
Heptane	1.080	0.15	1	0	108	70	130	1.11	2.74	30	
Hexachloro-1,3-butadiene	1.150	0.15	1	0	115	70	130	1.14	0.873	30	
Hexane	1.010	0.15	1	0	101	70	130	1.11	9.43	30	
Isopropyl alcohol	1.130	0.15	1	0	113	70	130	1.26	10.9	30	
m,p-Xylene	2.140	0.30	2	0	107	70	130	2.19	2.31	30	
Methyl Butyl Ketone	1.050	0.30	1	0	105	70	130	1.21	14.2	30	
Methyl Ethyl Ketone	0.9900	0.30	1	0	99.0	70	130	1.13	13.2	30	
Methyl Isobutyl Ketone	1.030	0.30	1	0	103	70	130	1.17	12.7	30	
Methyl tert-butyl ether	1.050	0.15	1	0	105	70	130	1.16	9.95	30	
Methylene chloride	1.010	0.15	1	0	101	70	130	1.12	10.3	30	
o-Xylene	1.100	0.15	1	0	110	70	130	1.12	1.80	30	
Propylene	1.220	0.15	1	0	122	70	130	1.2	1.65	30	
Styrene	1.130	0.15	1	0	113	70	130	1.15	1.75	30	
Tetrachloroethylene	1.060	0.15	1	0	106	70	130	1.04	1.90	30	
Tetrahydrofuran	0.9900	0.15	1	0	99.0	70	130	1.09	9.62	30	

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 ND Estimated Value above quantitation range
 F Not Detected at the limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

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CLIENT: LaBella Associates, P.C.
 Work Order: C1712064
 Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UGD-121917		SampType: LCSD		TestCode: 0.25CT-TCE-		Units: ppbV		Prep Date:		RunNo: 13065	
Client ID: ZZZZZ		Batch ID: R13065		TestNo: TO-15				Analysis Date: 12/19/2017		SeqNo: 151838	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	0.9900	0.15	1	0	99.0	70	130	1.03	3.96	30	
trans-1,2-Dichloroethene	1.060	0.15	1	0	106	70	130	1.1	3.70	30	
trans-1,3-Dichloropropene	1.030	0.15	1	0	103	70	130	1.06	2.87	30	
Trichloroethene	0.9700	0.030	1	0	97.0	70	130	0.99	2.04	30	
Vinyl acetate	1.010	0.15	1	0	101	70	130	1.08	6.70	30	
Vinyl Bromide	1.110	0.15	1	0	111	70	130	1.21	8.62	30	
Vinyl chloride	1.130	0.040	1	0	113	70	130	1.14	0.881	30	

Qualifiers: Results reported are not blank corrected
 J Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

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Date: 10-Jan-18

CENTEK LABORATORIES, LLC

ANALYTICAL QC SUMMARY REPORT

CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-121917	Sample Type: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13065						
Client ID: ZZZZZ	Batch ID: R13065	TestNo: TO-15		Analysis Date: 12/19/2017	SeqNo: 151836						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-Trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromotorm	< 0.15	0.15									
Bromomethane	< 0.15	0.15									

Qualifiers:	Results reported are not blank corrected	E	Estimated Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit	ND	Not Detected at the limit of Detection	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

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CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-121917	Sample Type: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13065						
Client ID: ZZZZZ	Batch ID: R13065	TestNo: TO-15		Analysis Date: 12/19/2017	SeqNo: 151836						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.040	0.040									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.15	0.15									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

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CLIENT: LaBella Associates, P.C.
 Work Order: C1712064
 Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-121917	SampleType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13065						
Client ID: ZZZZZ	Batch ID: R13065	TestNo: TO-15		Analysis Date: 12/19/2017	SeqNo: 151836						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	< 0.15 ✓	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.030	0.030									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.040	0.040									

Sample ID: AMB1UG-122017	SampleType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13066						
Client ID: ZZZZZ	Batch ID: R13066	TestNo: TO-15		Analysis Date: 12/20/2017	SeqNo: 151850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: AMB1UG-122017	Sample Type: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13066						
Client ID: ZZZZZ	Batch ID: R13066	TestNo: TO-15		Analysis Date: 12/20/2017	SeqNo: 151850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15 ✓	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

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CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-122017	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13066						
Client ID: ZZZZZ	Batch ID: R13066	TestNo: TO-15		Analysis Date: 12/20/2017	SeqNo: 151850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.040	0.040									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.15	0.15									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									

Qualifiers: Results reported are not blank corrected

A Analyte detected below quantization limit

S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range

N/D Not Detected at the Limit of Detection

H

R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded

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CLIENT: LaBella Associates, P.C.
 Work Order: C1712064
 Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-122017	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13066						
Client ID: ZZZZZ	Batch ID: R13066	TestNo: TO-15		Analysis Date: 12/20/2017	SeqNo: 151850						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.030	0.030									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.040	0.040									

Sample ID: AMB1UG-122117	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13067						
Client ID: ZZZZZ	Batch ID: R13067	TestNo: TO-15		Analysis Date: 12/21/2017	SeqNo: 151868						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 E Estimated Value above quantitation range
 N/D Not Detected at the Limit of Detection
 HI Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-122117	Sample Type: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13067						
Client ID: ZZZZZ	Batch ID: R13067	TestNo: TD-15		Analysis Date: 12/21/2017	SeqNo: 151868						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.040	0.040									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.15	0.15									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									

Qualifiers:

} Results reported are not blank corrected
 } Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
 NID Not Detected at the Limit of Detection

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

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CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-122117	Sample Type: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13067						
Client ID: ZZZZZ	Batch ID: R13067	TestNo: TO-15		Analysis Date: 12/21/2017	SeqNo: 151868						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloro-1,3-butadiene	< 0.15 ✓	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.030	0.030									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.040	0.040									

Qualifiers:	Results reported are not blank corrected	E	Estimated Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit	NID	Not Detected at the Limit of Detection	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

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Date: 10-Jan-18

CENTEK LABORATORIES, LLC

ANALYTICAL QC SUMMARY REPORT

CLIENT: LaBella Associates, P.C.
 Work Order: C1712064
 Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: C1712064-003A MS		SampleType: MS	TestCode: 0.25CT-TCE-		Units: ppbV	Prep Date:		RunNo: 13065	
Client ID: Rm 112 MSD		Batch ID: R13065	TestNo: TO-15			Analysis Date: 12/20/2017		SeqNo: 151848	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	RPDLimit
1,1,1-Trichloroethane	1.140	0.15	1	0	114	70	130		
1,1,2,2-Tetrachloroethane	1.040	0.15	1	0	104	70	130		
1,1,2-Trichloroethane	1.070	0.15	1	0	107	70	130		
1,1-Dichloroethane	1.090	0.15	1	0	109	70	130		
1,1-Dichloroethene	0.8800	0.15	1	0	88.0	70	130		
1,2,4-Trichlorobenzene	1.250	0.15	1	0	125	70	130		
1,2,4-Trimethylbenzene	1.450	0.15	1	0.16	129	70	130		
1,2-Dibromoethane	1.030	0.15	1	0	103	70	130		
1,2-Dichlorobenzene	1.090	0.15	1	0	109	70	130		
1,2-Dichloroethane	1.100	0.15	1	0	110	70	130		
1,2-Dichloropropane	1.090	0.15	1	0	109	70	130		
1,3,5-Trimethylbenzene	1.200	0.15	1	0	120	70	130		
1,3-butadiene	1.570	0.15	1	0	157	70	130		S
1,3-Dichlorobenzene	1.210	0.15	1	0	121	70	130		
1,4-Dichlorobenzene	1.150	0.15	1	0	115	70	130		
1,4-Dioxane	0.6400	0.30	1	0	64.0	70	130		S
2,2,4-trimethylpentane	1.110	0.15	1	0	111	70	130		
4-ethyltoluene	1.160	0.15	1	0	116	70	130		
Acetone	4.590	0.30	1	3.85	74.0	70	130		
Allyl chloride	1.020	0.15	1	0	102	70	130		
Benzene	1.260	0.15	1	0.23	103	70	130		
Benzyl chloride	1.190	0.15	1	0	119	70	130		
Bromodichloromethane	1.120	0.15	1	0	112	70	130		
Bromoform	1.040	0.15	1	0	104	70	130		
Bromomethane	1.090	0.15	1	0	109	70	130		

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits
 E Estimated Value above quantitation range
 N/D Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: C1712064-003A MS		Sample Type: MS	TestCode: 0.25CT-TCE-		Units: ppbv	Prep Date:		RunNo: 13065			
Client ID: Rm 112 MSD		Batch ID: R13065	TestNo: TO-15			Analysis Date: 12/29/2017		SeqNo: 151848			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	1.020	0.15	1	0	102	70	130				
Carbon tetrachloride	1.170	0.040	1	0.1	107	70	130				
Chlorobenzene	1.000	0.15	1	0	100	70	130				
Chloroethane	1.060	0.15	1	0	106	70	130				
Chloroform	1.170	0.15	1	0.11	106	70	130				
Chloromethane	1.660	0.15	1	0	166	70	130				S
cis-1,2-Dichloroethene	1.110	0.15	1	0.12	99.0	70	130				
cis-1,3-Dichloropropene	1.050	0.15	1	0	105	70	130				
Cyclohexane	1.070	0.15	1	0	107	70	130				
Dibromochloromethane	1.050	0.15	1	0	105	70	130				
Ethyl acetate	1.090	0.15	1	0	109	70	130				
Ethylbenzene	1.040	0.15	1	0	104	70	130				
Freon 11	1.360	0.15	1	0.27	109	70	130				
Freon 113	1.080	0.15	1	0	108	70	130				
Freon 114	1.000	0.15	1	0	100	70	130				
Freon 12	1.510	0.15	1	0.54	97.0	70	130				
Heptane	1.230	0.15	1	0.13	110	70	130				
Hexachloro-1,3-butadiene	1.160	0.15	1	0	116	70	130				
Hexane	1.300	0.15	1	0.3	100	70	130				
Isopropyl alcohol	2.100	0.15	1	1.34	76.0	70	130				
m&p-Xylene	2.240	0.30	2	0.17	104	70	130				
Methyl Butyl Ketone	0.4800	0.30	1	0	48.0	70	130				S
Methyl Ethyl Ketone	1.180	0.30	1	0.31	87.0	70	130				
Methyl Isobutyl Ketone	0.6600	0.30	1	0.1	66.0	70	130				S
Methyl tert-butyl ether	1.030	0.15	1	0	103	70	130				
Methylene chloride	1.370	0.15	1	0.37	100	70	130				
o-Xylene	1.120	0.15	1	0	112	70	130				
Propylene	1.600	0.15	1	0	160	70	130				S
Styrene	1.080	0.15	1	0	108	70	130				
Tetrachloroethylene	1.090	0.15	1	0	109	70	130				
Tetrahydrofuran	1.120	0.15	1	0	112	70	130				

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

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CLIENT: LaBella Associates, P.C.
 Work Order: C1712064
 Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: C1712064-003A MS	SampType: MS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13065						
Client ID: Rm 112 MSD	Batch ID: R13065	TestNo: TO-15		Analysis Date: 12/20/2017	SeqNo: 151848						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Toluene	1.540	0.15	1	0.45	109	70	130				
trans-1,2-Dichloroethene	1.060	0.15	1	0	106	70	130				
trans-1,3-Dichloropropene	1.060	0.15	1	0	106	70	130				
Trichloroethene	1.210	0.030	1	0.22	99.0	70	130				
Vinyl acetate	1.000	0.15	1	0	100	70	130				
Vinyl Bromide	1.090	0.15	1	0	109	70	130				
Vinyl chloride	1.050	0.040	1	0	105	70	130				

Sample ID: C1712064-003A MS	SampType: MSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13065						
Client ID: Rm 112 MSD	Batch ID: R13065	TestNo: TO-15		Analysis Date: 12/20/2017	SeqNo: 151849						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPOLimit	Qual

1,1,1-Trichloroethane	1.140	0.15	1	0	114	70	130	1.14	0	30	
1,1,2,2-Tetrachloroethane	0.9600	0.15	1	0	96.0	70	130	1.04	8.00	30	
1,1,2-Trichloroethane	1.050	0.15	1	0	105	70	130	1.07	1.89	30	
1,1-Dichloroethane	1.070	0.15	1	0	107	70	130	1.09	1.85	30	
1,1-Dichloroethene	1.180	0.15	1	0	118	70	130	0.88	29.1	30	
1,2,4-Trichlorobenzene	1.270	0.15	1	0	127	70	130	1.25	1.59	30	
1,2,4-Trimethylbenzene	1.360	0.15	1	0.16	114	70	130	1.45	10.9	30	
1,2-Dibromoethane	1.020	0.15	1	0	102	70	130	1.03	0.976	30	
1,2-Dichlorobenzene	1.080	0.15	1	0	108	70	130	1.09	0.922	30	
1,2-Dichloroethane	1.060	0.15	1	0	106	70	130	1.1	3.70	30	
1,2-Dichloropropane	1.060	0.15	1	0	106	70	130	1.09	2.79	30	
1,3,5-Trimethylbenzene	1.110	0.15	1	0	111	70	130	1.2	7.79	30	
1,3-butadiene	1.370	0.15	1	0	137	70	130	1.57	13.6	30	S
1,3-Dichlorobenzene	1.120	0.15	1	0	112	70	130	1.21	7.73	30	
1,4-Dichlorobenzene	1.060	0.15	1	0	106	70	130	1.15	8.14	30	
1,4-Dioxane	0.7600	0.30	1	0	76.0	70	130	0.64	17.1	30	
2,2,4-Trimethylpentane	1.110	0.15	1	0	111	70	130	1.11	0	30	
4-ethyltoluene	1.070	0.15	1	0	107	70	130	1.16	8.07	30	

Qualifiers: Results reported are not blank corrected
 J Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits
 E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

Page 3 of 5

CLIENT: LaBella Associates, P.C.
 Work Order: C1712064
 Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: C1712064-003A MS		SampType: MSD		TestCode: 0.25CT-TCE-		Units: ppbV		Prep Date:		RunNo: 13065	
Client ID: Rm 112 MSD		Batch ID: R13065		TestNo: TO-15		Analysis Date: 12/20/2017		SeqNo: 151849			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	3.440	0.30	1	3.85	41.0	70	130	4.59	28.6	30	S
Allyl chloride	1.020	0.15	1	0	102	70	130	1.02	0	30	
Benzene	1.190	0.15	1	0.23	95.0	70	130	1.26	5.71	30	
Benzyl chloride	1.200	0.15	1	0	120	70	130	1.19	0.837	30	
Bromodichloromethane	1.100	0.15	1	0	110	70	130	1.12	1.80	30	
Bromoform	0.9800	0.15	1	0	98.0	70	130	1.04	5.94	30	
Bromomethane	1.070	0.15	1	0	107	70	130	1.09	1.85	30	
Carbon disulfide	1.030	0.15	1	0	103	70	130	1.02	0.976	30	
Carbon tetrachloride	1.130	0.040	1	0.1	103	70	130	1.17	3.48	30	
Chlorobenzene	0.9700	0.15	1	0	97.0	70	130	1	3.05	30	
Chloroethane	1.060	0.15	1	0	106	70	130	1.05	0	30	
Chloroform	1.110	0.15	1	0.11	100	70	130	1.17	5.26	30	
Chloromethane	1.440	0.15	1	0	144	70	130	1.66	14.2	30	S
cis-1,2-Dichloroethene	1.060	0.15	1	0.12	94.0	70	130	1.11	4.61	30	
cis-1,3-Dichloropropene	1.040	0.15	1	0	104	70	130	1.05	0.957	30	
Cyclohexane	1.060	0.15	1	0	106	70	130	1.07	0.939	30	
Dibromochloromethane	1.010	0.15	1	0	101	70	130	1.05	3.88	30	
Ethyl acetate	1.010	0.15	1	0	101	70	130	1.09	7.62	30	
Ethylbenzene	0.9900	0.15	1	0	99.0	70	130	1.04	4.93	30	
Freon 11	1.250	0.15	1	0.27	98.0	70	130	1.36	8.43	30	
Freon 113	1.070	0.15	1	0	107	70	130	1.08	0.930	30	
Freon 114	1.030	0.15	1	0	103	70	130	1	2.96	30	
Freon 12	1.360	0.15	1	0.54	82.0	70	130	1.51	10.5	30	
Heptane	1.200	0.15	1	0.13	107	70	130	1.23	2.47	30	
Hexachloro-1,3-butadiene	1.190	0.15	1	0	119	70	130	1.16	2.55	30	
Hexane	1.170	0.15	1	0.3	87.0	70	130	1.3	10.5	30	
Isopropyl alcohol	1.750	0.15	1	1.34	41.0	70	130	2.1	18.2	30	S
m,p-Xylene	2.040	0.30	2	0.17	93.5	70	130	2.24	9.35	30	
Methyl Butyl Ketone	0.6200	0.30	1	0	62.0	70	130	0.48	25.5	30	S
Methyl Ethyl Ketone	1.120	0.30	1	0.31	81.0	70	130	1.18	5.22	30	
Methyl Isobutyl Ketone	0.7400	0.30	1	0.1	64.0	70	130	0.65	11.4	30	S

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.

Work Order: C1712064

Project: 690 Saint Paul St

TestCode: 0.25CT-TCE-VC

Sample ID: C1712064-003A MS	SampType: MSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13065						
Client ID: Rm 112 MSD	Batch ID: R13065	TestNo: TO-15		Analysis Date: 12/20/2017	SeqNo: 151849						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.9300	0.15	1	0	93.0	70	130	1.03	10.2	30	
Methylene chloride	1.330	0.15	1	0.37	96.0	70	130	1.37	2.96	30	
o-Xylene	1.030	0.15	1	0	103	70	130	1.12	8.37	30	
Propylene	1.470	0.15	1	0	147	70	130	1.6	8.47	30	S
Styrene	1.030	0.15	1	0	103	70	130	1.08	4.74	30	
Tetrachloroethylene	1.040	0.15	1	0	104	70	130	1.09	4.69	30	
Tetrahydrofuran	0.9700	0.15	1	0	97.0	70	130	1.12	14.4	30	
Toluene	1.310	0.15	1	0.45	86.0	70	130	1.54	16.1	30	
trans-1,2-Dichloroethene	1.080	0.15	1	0	108	70	130	1.06	1.87	30	
trans-1,3-Dichloropropene	1.010	0.15	1	0	101	70	130	1.06	4.83	30	
Trichloroethene	1.130	0.030	1	0.22	91.0	70	130	1.21	6.84	30	
Vinyl acetate	1.010	0.15	1	0	101	70	130	1	0.995	30	
Vinyl Bromide	1.100	0.15	1	0	110	70	130	1.09	0.913	30	
Vinyl chloride	1.100	0.040	1	0	110	70	130	1.05	4.65	30	

Qualifiers:	J	S	Results reported are not blank corrected	F	E	Estimated Value above quantitation range	H	Holding times for preparation or analysis exceeded
			Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection		R	RPD outside accepted recovery limits
			Spike Recovery outside accepted recovery limits					

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Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-001A

Client Sample ID: Rm 134A
Tag Number: 1207,259
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 1:59:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 1:59:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 1:59:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 1:59:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 1:59:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 1:59:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 1:59:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 1:59:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 1:59:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 1:59:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 1:59:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 1:59:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 1:59:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 1:59:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 1:59:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 1:59:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 1:59:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 1:59:00 AM
Acetone	18	3.6		ug/m3	5	1/3/2018 1:01:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 1:59:00 AM
Benzene	0.77	0.48		ug/m3	1	1/3/2018 1:59:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 1:59:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 1:59:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 1:59:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 1:59:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 1:59:00 AM
Carbon tetrachloride	0.69	0.25		ug/m3	1	1/3/2018 1:59:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 1:59:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 1:59:00 AM
Chloroform	1.4	0.73		ug/m3	1	1/3/2018 1:59:00 AM
Chloromethane	1.2	0.31		ug/m3	1	1/3/2018 1:59:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 1:59:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 1:59:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	1/3/2018 1:59:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 1:59:00 AM
Ethyl acetate	0.50	0.54	J	ug/m3	1	1/3/2018 1:59:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/3/2018 1:59:00 AM
Freon 11	1.6	0.84		ug/m3	1	1/3/2018 1:59:00 AM
Freon 113	0.84	1.1	J	ug/m3	1	1/3/2018 1:59:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 1:59:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-001A

Client Sample ID: Rm 134A
Tag Number: 1207,259
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	3.0	0.74		ug/m3	1	1/3/2018 1:59:00 AM
Heptane	0.49	0.61	J	ug/m3	1	1/3/2018 1:59:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 1:59:00 AM
Hexane	0.53	0.53		ug/m3	1	1/3/2018 1:59:00 AM
Isopropyl alcohol	4.9	0.37		ug/m3	1	1/3/2018 1:59:00 AM
m&p-Xylene	0.48	1.3	J	ug/m3	1	1/3/2018 1:59:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 1:59:00 AM
Methyl Ethyl Ketone	1.2	0.88		ug/m3	1	1/3/2018 1:59:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 1:59:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 1:59:00 AM
Methylene chloride	1.6	0.52		ug/m3	1	1/3/2018 1:59:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	1/3/2018 1:59:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 1:59:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 1:59:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 1:59:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/3/2018 1:59:00 AM
Toluene	0.87	0.57		ug/m3	1	1/3/2018 1:59:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 1:59:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 1:59:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	1/3/2018 1:59:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 1:59:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 1:59:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 1:59:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-002A

Client Sample ID: Rm 117
Tag Number: 1450,276
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 4:13:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 4:13:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 4:13:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 4:13:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 4:13:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 4:13:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 4:13:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 4:13:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:13:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 4:13:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 4:13:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 4:13:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 4:13:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:13:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:13:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 4:13:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 4:13:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 4:13:00 AM
Acetone	14	3.6		ug/m3	5	1/3/2018 1:38:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 4:13:00 AM
Benzene	0.80	0.48		ug/m3	1	1/3/2018 4:13:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 4:13:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 4:13:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 4:13:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 4:13:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 4:13:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	1/3/2018 4:13:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 4:13:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 4:13:00 AM
Chloroform	1.7	0.73		ug/m3	1	1/3/2018 4:13:00 AM
Chloromethane	1.3	0.31		ug/m3	1	1/3/2018 4:13:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 4:13:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 4:13:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	1/3/2018 4:13:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 4:13:00 AM
Ethyl acetate	0.43	0.54	J	ug/m3	1	1/3/2018 4:13:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/3/2018 4:13:00 AM
Freon 11	1.6	0.84		ug/m3	1	1/3/2018 4:13:00 AM
Freon 113	0.84	1.1	J	ug/m3	1	1/3/2018 4:13:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 4:13:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-002A

Client Sample ID: Rm 117
Tag Number: 1450,276
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12	3.0	0.74		ug/m3	1	1/3/2018 4:13:00 AM
Heptane	< 0.61	0.61		ug/m3	1	1/3/2018 4:13:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 4:13:00 AM
Hexane	0.56	0.53		ug/m3	1	1/3/2018 4:13:00 AM
Isopropyl alcohol	3.4	0.37		ug/m3	1	1/3/2018 4:13:00 AM
m&p-Xylene	0.52	1.3	J	ug/m3	1	1/3/2018 4:13:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 4:13:00 AM
Methyl Ethyl Ketone	2.5	0.88		ug/m3	1	1/3/2018 4:13:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 4:13:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 4:13:00 AM
Methylene chloride	1.5	0.52		ug/m3	1	1/3/2018 4:13:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	1/3/2018 4:13:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 4:13:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 4:13:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 4:13:00 AM
Tetrahydrofuran	1.8	0.44		ug/m3	1	1/3/2018 4:13:00 AM
Toluene	1.2	0.57		ug/m3	1	1/3/2018 4:13:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 4:13:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 4:13:00 AM
Trichloroethene	0.21	0.16		ug/m3	1	1/3/2018 4:13:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 4:13:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 4:13:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 4:13:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-003A

Client Sample ID: Rm 112
Tag Number: 318,379
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 4:54:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 4:54:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 4:54:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 4:54:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 4:54:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 4:54:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 4:54:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 4:54:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:54:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 4:54:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 4:54:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 4:54:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 4:54:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:54:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:54:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 4:54:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 4:54:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 4:54:00 AM
Acetone	11	3.6		ug/m3	5	1/3/2018 2:16:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 4:54:00 AM
Benzene	0.77	0.48		ug/m3	1	1/3/2018 4:54:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 4:54:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 4:54:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 4:54:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 4:54:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 4:54:00 AM
Carbon tetrachloride	0.69	0.25		ug/m3	1	1/3/2018 4:54:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 4:54:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 4:54:00 AM
Chloroform	4.2	0.73		ug/m3	1	1/3/2018 4:54:00 AM
Chloromethane	1.2	0.31		ug/m3	1	1/3/2018 4:54:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 4:54:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 4:54:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	1/3/2018 4:54:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 4:54:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	1/3/2018 4:54:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/3/2018 4:54:00 AM
Freon 11	1.5	0.84		ug/m3	1	1/3/2018 4:54:00 AM
Freon 113	0.84	1.1	J	ug/m3	1	1/3/2018 4:54:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 4:54:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-003A

Client Sample ID: Rm 112
Tag Number: 318,379
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12	2.9	0.74		ug/m3	1	1/3/2018 4:54:00 AM
Heptane	< 0.61	0.61		ug/m3	1	1/3/2018 4:54:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 4:54:00 AM
Hexane	0.67	0.53		ug/m3	1	1/3/2018 4:54:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	1/3/2018 4:54:00 AM
m&p-Xylene	0.56	1.3	J	ug/m3	1	1/3/2018 4:54:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 4:54:00 AM
Methyl Ethyl Ketone	0.86	0.88	J	ug/m3	1	1/3/2018 4:54:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 4:54:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 4:54:00 AM
Methylene chloride	2.0	0.52		ug/m3	1	1/3/2018 4:54:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	1/3/2018 4:54:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 4:54:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 4:54:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 4:54:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/3/2018 4:54:00 AM
Toluene	1.1	0.57		ug/m3	1	1/3/2018 4:54:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 4:54:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 4:54:00 AM
Trichloroethene	0.75	0.16		ug/m3	1	1/3/2018 4:54:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 4:54:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 4:54:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 4:54:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-004A

Client Sample ID: Rm 109 Stairwell
Tag Number: 1174,272
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 5:35:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 5:35:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 5:35:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 5:35:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 5:35:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 5:35:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 5:35:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 5:35:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 5:35:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 5:35:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 5:35:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 5:35:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 5:35:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 5:35:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 5:35:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 5:35:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 5:35:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 5:35:00 AM
Acetone	20	3.6		ug/m3	5	1/3/2018 2:53:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 5:35:00 AM
Benzene	0.80	0.48		ug/m3	1	1/3/2018 5:35:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 5:35:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 5:35:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 5:35:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 5:35:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 5:35:00 AM
Carbon tetrachloride	0.69	0.25		ug/m3	1	1/3/2018 5:35:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 5:35:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 5:35:00 AM
Chloroform	0.83	0.73		ug/m3	1	1/3/2018 5:35:00 AM
Chloromethane	1.1	0.31		ug/m3	1	1/3/2018 5:35:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 5:35:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 5:35:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	1/3/2018 5:35:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 5:35:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	1/3/2018 5:35:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/3/2018 5:35:00 AM
Freon 11	1.4	0.84		ug/m3	1	1/3/2018 5:35:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	1/3/2018 5:35:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 5:35:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-004A

Client Sample ID: Rm 109 Stairwell
Tag Number: 1174,272
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.8	0.74		ug/m3	1	1/3/2018 5:35:00 AM
Heptane	< 0.61	0.61		ug/m3	1	1/3/2018 5:35:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 5:35:00 AM
Hexane	0.53	0.53		ug/m3	1	1/3/2018 5:35:00 AM
Isopropyl alcohol	3.4	0.37		ug/m3	1	1/3/2018 5:35:00 AM
m&p-Xylene	< 1.3	1.3		ug/m3	1	1/3/2018 5:35:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 5:35:00 AM
Methyl Ethyl Ketone	1.3	0.88		ug/m3	1	1/3/2018 5:35:00 AM
Methyl Isobutyl Ketone	0.78	1.2	J	ug/m3	1	1/3/2018 5:35:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 5:35:00 AM
Methylene chloride	1.2	0.52		ug/m3	1	1/3/2018 5:35:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	1/3/2018 5:35:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 5:35:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 5:35:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 5:35:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/3/2018 5:35:00 AM
Toluene	0.75	0.57		ug/m3	1	1/3/2018 5:35:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 5:35:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 5:35:00 AM
Trichloroethene	0.27	0.16		ug/m3	1	1/3/2018 5:35:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 5:35:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 5:35:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 5:35:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-005A

Client Sample ID: Rm 107B
Tag Number: 541,1162
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 6:16:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 6:16:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 6:16:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 6:16:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:16:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 6:16:00 AM
1,2,4-Trimethylbenzene	0.59	0.74	J	ug/m3	1	1/3/2018 6:16:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 6:16:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:16:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 6:16:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 6:16:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 6:16:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 6:16:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:16:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:16:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 6:16:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 6:16:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 6:16:00 AM
Acetone	15	3.6		ug/m3	5	1/3/2018 3:31:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 6:16:00 AM
Benzene	0.86	0.48		ug/m3	1	1/3/2018 6:16:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 6:16:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 6:16:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 6:16:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 6:16:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 6:16:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	1/3/2018 6:16:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 6:16:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 6:16:00 AM
Chloroform	8.2	0.73		ug/m3	1	1/3/2018 6:16:00 AM
Chloromethane	1.4	0.31		ug/m3	1	1/3/2018 6:16:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:16:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 6:16:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	1/3/2018 6:16:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 6:16:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	1/3/2018 6:16:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/3/2018 6:16:00 AM
Freon 11	1.5	0.84		ug/m3	1	1/3/2018 6:16:00 AM
Freon 113	0.84	1.1	J	ug/m3	1	1/3/2018 6:16:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 6:16:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-005A

Client Sample ID: Rm 107B
Tag Number: 541,1162
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.9	0.74		ug/m3	1	1/3/2018 6:16:00 AM
Heptane	0.45	0.61	J	ug/m3	1	1/3/2018 6:16:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 6:16:00 AM
Hexane	0.78	0.53		ug/m3	1	1/3/2018 6:16:00 AM
Isopropyl alcohol	4.9	0.37		ug/m3	1	1/3/2018 6:16:00 AM
m&p-Xylene	0.74	1.3	J	ug/m3	1	1/3/2018 6:16:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 6:16:00 AM
Methyl Ethyl Ketone	1.1	0.88		ug/m3	1	1/3/2018 6:16:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 6:16:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 6:16:00 AM
Methylene chloride	0.97	0.52		ug/m3	1	1/3/2018 6:16:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	1/3/2018 6:16:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 6:16:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 6:16:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 6:16:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/3/2018 6:16:00 AM
Toluene	1.2	0.57		ug/m3	1	1/3/2018 6:16:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:16:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 6:16:00 AM
Trichloroethene	0.70	0.16		ug/m3	1	1/3/2018 6:16:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 6:16:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 6:16:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 6:16:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-006A

Client Sample ID: Elevator
Tag Number: 231,255
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 6:56:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 6:56:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 6:56:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 6:56:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:56:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 6:56:00 AM
1,2,4-Trimethylbenzene	1.6	0.74		ug/m3	1	1/3/2018 6:56:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 6:56:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:56:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 6:56:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 6:56:00 AM
1,3,5-Trimethylbenzene	0.79	0.74		ug/m3	1	1/3/2018 6:56:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 6:56:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:56:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:56:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 6:56:00 AM
2,2,4-trimethylpentane	0.56	0.70	J	ug/m3	1	1/3/2018 6:56:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 6:56:00 AM
Acetone	12	3.6		ug/m3	5	1/3/2018 4:08:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 6:56:00 AM
Benzene	1.2	0.48		ug/m3	1	1/3/2018 6:56:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 6:56:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 6:56:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 6:56:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 6:56:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 6:56:00 AM
Carbon tetrachloride	0.63	0.25		ug/m3	1	1/3/2018 6:56:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 6:56:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 6:56:00 AM
Chloroform	9.9	0.73		ug/m3	1	1/3/2018 6:56:00 AM
Chloromethane	1.1	0.31		ug/m3	1	1/3/2018 6:56:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:56:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 6:56:00 AM
Cyclohexane	0.41	0.52	J	ug/m3	1	1/3/2018 6:56:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 6:56:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	1/3/2018 6:56:00 AM
Ethylbenzene	0.61	0.65	J	ug/m3	1	1/3/2018 6:56:00 AM
Freon 11	1.5	0.84		ug/m3	1	1/3/2018 6:56:00 AM
Freon 113	0.84	1.1	J	ug/m3	1	1/3/2018 6:56:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 6:56:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-006A

Client Sample ID: Elevator
Tag Number: 231,255
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.9	0.74		ug/m3	1	1/3/2018 6:56:00 AM
Heptane	0.74	0.61		ug/m3	1	1/3/2018 6:56:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 6:56:00 AM
Hexane	1.7	0.53		ug/m3	1	1/3/2018 6:56:00 AM
Isopropyl alcohol	1.7	0.37		ug/m3	1	1/3/2018 6:56:00 AM
m&p-Xylene	2.0	1.3		ug/m3	1	1/3/2018 6:56:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 6:56:00 AM
Methyl Ethyl Ketone	1.1	0.88		ug/m3	1	1/3/2018 6:56:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 6:56:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 6:56:00 AM
Methylene chloride	1.3	0.52		ug/m3	1	1/3/2018 6:56:00 AM
o-Xylene	0.82	0.65		ug/m3	1	1/3/2018 6:56:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 6:56:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 6:56:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 6:56:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/3/2018 6:56:00 AM
Toluene	2.9	0.57		ug/m3	1	1/3/2018 6:56:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:56:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 6:56:00 AM
Trichloroethene	0.54	0.16		ug/m3	1	1/3/2018 6:56:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 6:56:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 6:56:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 6:56:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-007A

Client Sample ID: Dupe
Tag Number: 422,1162
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 7:37:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 7:37:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 7:37:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 7:37:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 7:37:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 7:37:00 AM
1,2,4-Trimethylbenzene	0.69	0.74	J	ug/m3	1	1/3/2018 7:37:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 7:37:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 7:37:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 7:37:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 7:37:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 7:37:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 7:37:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 7:37:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 7:37:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 7:37:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 7:37:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 7:37:00 AM
Acetone	12	3.6		ug/m3	5	1/3/2018 4:46:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 7:37:00 AM
Benzene	0.86	0.48		ug/m3	1	1/3/2018 7:37:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 7:37:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 7:37:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 7:37:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 7:37:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 7:37:00 AM
Carbon tetrachloride	0.69	0.25		ug/m3	1	1/3/2018 7:37:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 7:37:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 7:37:00 AM
Chloroform	8.2	0.73		ug/m3	1	1/3/2018 7:37:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	1/3/2018 7:37:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 7:37:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 7:37:00 AM
Cyclohexane	0.48	0.52	J	ug/m3	1	1/3/2018 7:37:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 7:37:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	1/3/2018 7:37:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/3/2018 7:37:00 AM
Freon 11	1.5	0.84		ug/m3	1	1/3/2018 7:37:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	1/3/2018 7:37:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 7:37:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-007A

Client Sample ID: Dupe
Tag Number: 422,1162
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.9	0.74		ug/m3	1	1/3/2018 7:37:00 AM
Heptane	0.57	0.61	J	ug/m3	1	1/3/2018 7:37:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 7:37:00 AM
Hexane	0.81	0.53		ug/m3	1	1/3/2018 7:37:00 AM
Isopropyl alcohol	3.0	0.37		ug/m3	1	1/3/2018 7:37:00 AM
m&p-Xylene	0.78	1.3	J	ug/m3	1	1/3/2018 7:37:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 7:37:00 AM
Methyl Ethyl Ketone	1.8	0.88		ug/m3	1	1/3/2018 7:37:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 7:37:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 7:37:00 AM
Methylene chloride	1.1	0.52		ug/m3	1	1/3/2018 7:37:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	1/3/2018 7:37:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 7:37:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 7:37:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 7:37:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/3/2018 7:37:00 AM
Toluene	1.3	0.57		ug/m3	1	1/3/2018 7:37:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 7:37:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 7:37:00 AM
Trichloroethene	0.86	0.16		ug/m3	1	1/3/2018 7:37:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 7:37:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 7:37:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 7:37:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-008A

Client Sample ID: Roof
Tag Number: 1189,344
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/4/2018 8:27:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/4/2018 8:27:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/4/2018 8:27:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/4/2018 8:27:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/4/2018 8:27:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/4/2018 8:27:00 AM
1,2,4-Trimethylbenzene	0.84	0.74		ug/m3	1	1/4/2018 8:27:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/4/2018 8:27:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/4/2018 8:27:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/4/2018 8:27:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/4/2018 8:27:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/4/2018 8:27:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/4/2018 8:27:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/4/2018 8:27:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/4/2018 8:27:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/4/2018 8:27:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/4/2018 8:27:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/4/2018 8:27:00 AM
Acetone	18	7.1		ug/m3	10	1/4/2018 9:04:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/4/2018 8:27:00 AM
Benzene	0.89	0.48		ug/m3	1	1/4/2018 8:27:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/4/2018 8:27:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/4/2018 8:27:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/4/2018 8:27:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/4/2018 8:27:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/4/2018 8:27:00 AM
Carbon tetrachloride	< 0.25	0.25		ug/m3	1	1/4/2018 8:27:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/4/2018 8:27:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/4/2018 8:27:00 AM
Chloroform	0.54	0.73	J	ug/m3	1	1/4/2018 8:27:00 AM
Chloromethane	0.91	0.31		ug/m3	1	1/4/2018 8:27:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/4/2018 8:27:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/4/2018 8:27:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	1/4/2018 8:27:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/4/2018 8:27:00 AM
Ethyl acetate	0.43	0.54	J	ug/m3	1	1/4/2018 8:27:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/4/2018 8:27:00 AM
Freon 11	1.2	0.84		ug/m3	1	1/4/2018 8:27:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	1/4/2018 8:27:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/4/2018 8:27:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 08-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-008A

Client Sample ID: Roof
Tag Number: 1189,344
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.0	0.74		ug/m3	1	1/4/2018 8:27:00 AM
Heptane	0.53	0.61	J	ug/m3	1	1/4/2018 8:27:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/4/2018 8:27:00 AM
Hexane	0.42	0.53	J	ug/m3	1	1/4/2018 8:27:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	1/4/2018 8:27:00 AM
m&p-Xylene	0.65	1.3	J	ug/m3	1	1/4/2018 8:27:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/4/2018 8:27:00 AM
Methyl Ethyl Ketone	1.5	0.88		ug/m3	1	1/4/2018 8:27:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/4/2018 8:27:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/4/2018 8:27:00 AM
Methylene chloride	38	5.2		ug/m3	10	1/4/2018 9:04:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	1/4/2018 8:27:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/4/2018 8:27:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/4/2018 8:27:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/4/2018 8:27:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/4/2018 8:27:00 AM
Toluene	0.87	0.57		ug/m3	1	1/4/2018 8:27:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/4/2018 8:27:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/4/2018 8:27:00 AM
Trichloroethene	0.59	0.16		ug/m3	1	1/4/2018 8:27:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/4/2018 8:27:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/4/2018 8:27:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/4/2018 8:27:00 AM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

DATA USABILITY SUMMARY REPORT

for

LaBella Associates, P.C.

300 State Street

Rochester, NY 14614

690 ST PAUL SITE

Project 209280

SDG: C1801001

Sampled 12/27/2017

TO-15 AIR SAMPLES

Rm-134A	(C1801001-01)
Rm-117	(C1801001-02)
Rm-112	(C1801001-03)
Rm-109(stairwell)	(C1801001-04)
Rm-107B	(C1801001-05)
Elevator	(C1801001-06)
Dupe	(C1801001-07)
Roof	(C1801001-08)

DATA ASSESSMENT

A TO-15 data package containing analytical results for eight air samples was received from LaBella Associates, P.C. on 16Jan18. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the 690 St. Paul Site, were identified by Chain of Custody documents and traceable through the work of Centek Laboratories, LLC, the laboratory contracted for analysis. The analyses were performed using US EPA Method TO-15 and addressed measurements of sixty-three volatile organic compounds. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-31, Rev. #4, October 2006, Volatile Organic Analysis of Ambient Air in Canisters by Method TO-15) was used as a technical reference.

The results reported from the Roof sample have been qualified as estimations because the sampling equipment did not function properly.

The results reported from Rm-117 and Rm-109(stairwell) and the acetone and methylene chloride concentrations reported from the dilutions of every sample except the Elevator have been qualified as estimations due to low surrogate standard recoveries.

The isopropanol concentration found in Rm-134A has been qualified as an estimation due to a low spiked sample recovery.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Results presenting a usable estimation of the conditions at the time of sampling have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin
DATAVAL, Inc.

Date: 02 Feb 18

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the date of sampling. TO-15 samples must be analyzed within 14 days of collection.

This sample delivery group contained eight air samples that were collected from the 690 St. Paul site on 27Dec17. With the exception of Rm-134A, the samples were collected in 1-liter SUMMA canisters. Rm-134A was collected in a 1.4-liter canister to facilitate the preparation of MS/MSD samples. The canisters were shipped to the laboratory, via FedEx, on 27Dec17 and were received on 29Dec17. Although the sample canisters were received intact, custody seals were not present on the packaging.

Although each SUMMA canister was set in the laboratory to collect a 6-hour sample, the collection of samples was terminated after between 4 and 6 hours based on the canister vacuum readings. At that time the vacuum reading from every cylinder except the Roof satisfied the ASP requirement of 5 ± 1 "Hg. The Roof produced a final vacuum reading of -1"Hg. The results from this canister have been qualified as estimations.

The differences observed between the field vacuum readings and the readings in the laboratory are assumed to reflect the quality of the canister vacuum gauges.

SAMPLE	PRIOR TO SHIPMENT ("Hg)	PRIOR TO SAMPLING ("Hg)	POST SAMPLING ("Hg)	LAB RECEIPT ("Hg)	LAB ANALYSIS ("Hg)
Rm-134A	-30	-30	-6.0	-5	-5
Rm-117	-30	-30	-5.5	-4	-4
Rm-112	-30	-28.5	-5.5	-6	-6
Rm-109 (stairwell)	-30	-30	-6.0	-3	-3
Rm-107B	-30	-30	-5.0	-4	-4
Elevator	-30	-30	-6.0	-2	-2
Dupe	-30	-30	-5.0	-4	-4
Roof	-30	-30	-1.0	-2	-2

CANISTER CERTIFICATION

The canisters used for this project were pressure tested at 30 psig for 24 hours. Each canister demonstrated a change ≤ 0.5 psig over this period.

The canisters for this project were cleaned in four batches. A blank analysis of a clean canister from each batch was free of targeted analyte contamination exceeding the laboratory's reporting limit.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Trip Blanks monitor sampling activities, sample transport, and storage. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

Two method blanks were analyzed with this group of samples. Both of these blanks demonstrated acceptable chromatography and were free of targeted analyte contamination.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

BFB ion abundance criteria was reported from standards run before the initial instrument calibration and prior to the analysis of program samples on 03Jan18 and 04Jan18. Each of these checks satisfied the ASP acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration was performed on 12Dec17. Standards of 0.03, 0.04, 0.10, 0.15, 0.30, 0.50, 0.75, 1.0, 1.25, 1.50 and 2.0 ppbV were included. Each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity during this calibration.

Continuing calibration check standards were analyzed on 02Jan18 and 03Jan18, prior to the 24-hour periods of instrument operation that included samples from this program. When compared to the initial calibration, each targeted analyte demonstrated an acceptable level of instrument stability during these checks.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Although surrogate summary sheets were properly prepared, an incorrect acceptance criteria was applied. When compared to the ASP requirements, unacceptably low recoveries were reported from Rm-117 and Rm-109(stairwell) and from the dilutions of every sample except the Elevator. The results reported from Rm-117 and

Rm-109(stairwell) and the acetone and methylene chloride concentrations reported from the diluted samples have been qualified as estimations.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than 40%. When compared to the preceding calibration check, retention times may not vary by more than 10 seconds.

The laboratory recorded the response of each internal standard addition to this group of samples and the response obtained from the preceding CCV standard. Although the control limits based on the response of the CCV were not reported, they were calculated by this reviewer. When compared to these limits, acceptable performance was reported for the internal standard additions to each program sample.

Internal standard retention times were not addressed by the laboratory. The ASP retention time acceptance criteria was calculated by this reviewer. The retention times produced by each program sample satisfied these requirements.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Rm-134A was selected for matrix spiking. The entire list of targeted analytes was added to two volumes of this sample. The recoveries reported for these additions included unacceptable results for 1,2,4-trichlorobenzene (163%,148%), 1,2,4-trimethylbenzene (139%) and isopropanol (25%). The positive bias indicated by the high recoveries of 1,2,4-trichlorobenzene and 1,2,4-trimethylbenzene warrant no concern because these analytes were not detected in Rm-134A. The isopropanol (IPA) concentration found in Rm-134A has been qualified as an estimation.

Two pairs of spiked blanks (LCS/LCSD,LCS/LCSD) were also analyzed with this group of samples. The recoveries reported from these LCS samples included one high result for methyl butyl ketone (159%). The affected LCS from 03Jan18, however, was only associated with the Roof sample and the dilutions of each program sample. Methyl butyl ketone was not found in any of these samples.

The 02Jan18 LCS/LCSD pair demonstrated poor precision, reported as Relative Percent Difference (%RPD) in measurements of methyl butyl ketone (42%). Data has not been qualified due to this

performance because both individual measurements fell within the laboratory's range of acceptance.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

The duplicate sample that was included in this delivery group was not identified.

REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples.

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SUMMARY OF QUALIFIED DATA

690 ST PAUL SITE

SAMPLED DECEMBER 27, 2017

	SAMPLING	SURROGATES	SURROGATE ACETONE	SURROGATE METH CL	SPIKE IPA
Rm-134A			18J		4.9J
Rm-117		ALL J/UJ	14J		
Rm-112			11J		
Rm-109(stairwell)		ALL J/UJ	20J		
Rm-107B			15J		
Elevator					
Dupe			12J		
Roof	ALL J/UJ		18J	38J	

Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1801001
 Project: 690 St Paul
 Lab ID: C1801001-001A

Client Sample ID: Rm 134A
 Tag Number: 1207,259
 Collection Date: 12/27/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 1:59:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 1:59:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 1:59:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 1:59:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 1:59:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 1:59:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 1:59:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 1:59:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 1:59:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 1:59:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 1:59:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 1:59:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 1:59:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 1:59:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 1:59:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 1:59:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 1:59:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 1:59:00 AM
Acetone -	18J	3.6		ug/m3	5	1/3/2018 1:01:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 1:59:00 AM
Benzene -	0.77	0.48		ug/m3	1	1/3/2018 1:59:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 1:59:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 1:59:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 1:59:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 1:59:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 1:59:00 AM
Carbon tetrachloride -	0.69	0.25		ug/m3	1	1/3/2018 1:59:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 1:59:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 1:59:00 AM
Chloroform -	1.4	0.73		ug/m3	1	1/3/2018 1:59:00 AM
Chloromethane -	1.2	0.31		ug/m3	1	1/3/2018 1:59:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 1:59:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 1:59:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	1/3/2018 1:59:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 1:59:00 AM
Ethyl acetate -	0.50	0.54	J	ug/m3	1	1/3/2018 1:59:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/3/2018 1:59:00 AM
Freon 11 -	1.6	0.84		ug/m3	1	1/3/2018 1:59:00 AM
Freon 113 -	0.84	1.1	J	ug/m3	1	1/3/2018 1:59:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 1:59:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Not-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1801001
 Project: 690 St Paul
 Lab ID: C1801001-001A

Client Sample ID: Rm 134A
 Tag Number: 1207,259
 Collection Date: 12/27/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12 —	3.0	0.74		ug/m3	1	1/3/2018 1:59:00 AM
Heptane —	0.49	0.61	J	ug/m3	1	1/3/2018 1:59:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 1:59:00 AM
Hexane —	0.53	0.53		ug/m3	1	1/3/2018 1:59:00 AM
Isopropyl alcohol —	4.9 J	0.37		ug/m3	1	1/3/2018 1:59:00 AM
m&p-Xylene —	0.48	1.3	J	ug/m3	1	1/3/2018 1:59:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 1:59:00 AM
Methyl Ethyl Ketone —	1.2	0.88		ug/m3	1	1/3/2018 1:59:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 1:59:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 1:59:00 AM
Methylene chloride —	1.6	0.52		ug/m3	1	1/3/2018 1:59:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	1/3/2018 1:59:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 1:59:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 1:59:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 1:59:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/3/2018 1:59:00 AM
Toluene —	0.87	0.57		ug/m3	1	1/3/2018 1:59:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 1:59:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 1:59:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	1/3/2018 1:59:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 1:59:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 1:59:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 1:59:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1801001
 Project: 690 St Paul
 Lab ID: C1801001-002A

Client Sample ID: Rm 117
 Tag Number: 1450,276
 Collection Date: 12/27/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 4:13:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 4:13:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 4:13:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 4:13:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 4:13:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 4:13:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 4:13:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 4:13:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:13:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 4:13:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 4:13:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 4:13:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 4:13:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:13:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:13:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 4:13:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 4:13:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 4:13:00 AM
Acetone -	14 J	3.6		ug/m3	5	1/3/2018 1:38:00 PM
Allyl chloride	< 0.47 S	0.47		ug/m3	1	1/3/2018 4:13:00 AM
Benzene -	0.80 J	0.48		ug/m3	1	1/3/2018 4:13:00 AM
Benzyl chloride	< 0.86 S	0.86		ug/m3	1	1/3/2018 4:13:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 4:13:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 4:13:00 AM
Bromomethane	< 0.58 S	0.58		ug/m3	1	1/3/2018 4:13:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 4:13:00 AM
Carbon tetrachloride -	0.63 J	0.25		ug/m3	1	1/3/2018 4:13:00 AM
Chlorobenzene	< 0.69 S	0.69		ug/m3	1	1/3/2018 4:13:00 AM
Chloroethane	< 0.40 S	0.40		ug/m3	1	1/3/2018 4:13:00 AM
Chloroform -	1.7 J	0.73		ug/m3	1	1/3/2018 4:13:00 AM
Chloromethane -	1.3 J	0.31		ug/m3	1	1/3/2018 4:13:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 4:13:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 4:13:00 AM
Cyclohexane	< 0.52 S	0.52		ug/m3	1	1/3/2018 4:13:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 4:13:00 AM
Ethyl acetate -	0.43 J	0.54 J		ug/m3	1	1/3/2018 4:13:00 AM
Ethylbenzene	< 0.65 S	0.65		ug/m3	1	1/3/2018 4:13:00 AM
Freon 11 -	1.6 J	0.84		ug/m3	1	1/3/2018 4:13:00 AM
Freon 113 -	0.84 J	1.1 J		ug/m3	1	1/3/2018 4:13:00 AM
Freon 114	< 1.0 S	1.0		ug/m3	1	1/3/2018 4:13:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1801001
 Project: 690 St Paul
 Lab ID: C1801001-002A

Client Sample ID: Rm 117
 Tag Number: 1450,276
 Collection Date: 12/27/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
Freon 12 -	3.0 J	0.74		ug/m3	1	1/3/2018 4:13:00 AM
Heptane -	< 0.61 J	0.61		ug/m3	1	1/3/2018 4:13:00 AM
Hexachloro-1,3-butadiene	< 1.6 J	1.6		ug/m3	1	1/3/2018 4:13:00 AM
Hexane -	0.56 J	0.53		ug/m3	1	1/3/2018 4:13:00 AM
Isopropyl alcohol -	3.4 J	0.37		ug/m3	1	1/3/2018 4:13:00 AM
m&p-Xylene -	0.52 J	1.3 J		ug/m3	1	1/3/2018 4:13:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	1/3/2018 4:13:00 AM
Methyl Ethyl Ketone -	2.5 J	0.88		ug/m3	1	1/3/2018 4:13:00 AM
Methyl Isobutyl Ketone	< 1.2 J	1.2		ug/m3	1	1/3/2018 4:13:00 AM
Methyl tert-butyl ether	< 0.54 J	0.54		ug/m3	1	1/3/2018 4:13:00 AM
Methylene chloride -	1.5 J	0.52		ug/m3	1	1/3/2018 4:13:00 AM
o-Xylene	< 0.65 J	0.65		ug/m3	1	1/3/2018 4:13:00 AM
Propylene	< 0.26 J	0.26		ug/m3	1	1/3/2018 4:13:00 AM
Styrene	< 0.64 J	0.64		ug/m3	1	1/3/2018 4:13:00 AM
Tetrachloroethylene	< 1.0 J	1.0		ug/m3	1	1/3/2018 4:13:00 AM
Tetrahydrofuran -	1.8 J	0.44		ug/m3	1	1/3/2018 4:13:00 AM
Toluene -	1.2 J	0.57		ug/m3	1	1/3/2018 4:13:00 AM
trans-1,2-Dichloroethene	< 0.59 J	0.59		ug/m3	1	1/3/2018 4:13:00 AM
trans-1,3-Dichloropropene	< 0.68 J	0.68		ug/m3	1	1/3/2018 4:13:00 AM
Trichloroethene -	0.21 J	0.16		ug/m3	1	1/3/2018 4:13:00 AM
Vinyl acetate	< 0.53 J	0.53		ug/m3	1	1/3/2018 4:13:00 AM
Vinyl Bromide	< 0.66 J	0.66		ug/m3	1	1/3/2018 4:13:00 AM
Vinyl chloride	< 0.10 J	0.10		ug/m3	1	1/3/2018 4:13:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1801001
 Project: 690 St Paul
 Lab ID: C1801001-003A

Client Sample ID: Rm 112
 Tag Number: 318,379
 Collection Date: 12/27/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 4:54:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 4:54:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 4:54:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 4:54:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 4:54:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 4:54:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 4:54:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 4:54:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:54:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 4:54:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 4:54:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 4:54:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 4:54:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:54:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 4:54:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 4:54:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 4:54:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 4:54:00 AM
Acetone -	11 J	3.8		ug/m3	5	1/3/2018 2:16:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 4:54:00 AM
Benzene -	0.77	0.48		ug/m3	1	1/3/2018 4:54:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 4:54:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 4:54:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 4:54:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 4:54:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 4:54:00 AM
Carbon tetrachloride -	0.69	0.25		ug/m3	1	1/3/2018 4:54:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 4:54:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 4:54:00 AM
Chloroform -	4.2	0.73		ug/m3	1	1/3/2018 4:54:00 AM
Chloromethane -	1.2	0.31		ug/m3	1	1/3/2018 4:54:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 4:54:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 4:54:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	1/3/2018 4:54:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 4:54:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	1/3/2018 4:54:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/3/2018 4:54:00 AM
Freon 11 -	1.5	0.84		ug/m3	1	1/3/2018 4:54:00 AM
Freon 113 -	0.84	1.1 J		ug/m3	1	1/3/2018 4:54:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 4:54:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1801001
 Project: 690 St Paul
 Lab ID: C1801001-003A

Client Sample ID: Rm 112
 Tag Number: 318,379
 Collection Date: 12/27/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12	2.9	0.74		ug/m3	1	1/3/2018 4:54:00 AM
Heptane	< 0.61	0.61		ug/m3	1	1/3/2018 4:54:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 4:54:00 AM
Hexane	0.67	0.53		ug/m3	1	1/3/2018 4:54:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	1/3/2018 4:54:00 AM
m&p-Xylene	0.56	1.3	J	ug/m3	1	1/3/2018 4:54:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 4:54:00 AM
Methyl Ethyl Ketone	0.86	0.88	J	ug/m3	1	1/3/2018 4:54:00 AM
Methyl isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 4:54:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 4:54:00 AM
Methylene chloride	2.0	0.52		ug/m3	1	1/3/2018 4:54:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	1/3/2018 4:54:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 4:54:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 4:54:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 4:54:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/3/2018 4:54:00 AM
Toluene	1.1	0.57		ug/m3	1	1/3/2018 4:54:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 4:54:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 4:54:00 AM
Trichloroethene	0.75	0.16		ug/m3	1	1/3/2018 4:54:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 4:54:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 4:54:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 4:54:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1801001
 Project: 690 St Paul
 Lab ID: C1801001-004A

Client Sample ID: Rm 109 Stairwell
 Tag Number: 1174,272
 Collection Date: 12/27/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 5:35:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 5:35:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 5:35:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 5:35:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 5:35:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 5:35:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 5:35:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 5:35:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 5:35:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 5:35:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 5:35:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 5:35:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 5:35:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 5:35:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 5:35:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 5:35:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 5:35:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 5:35:00 AM
Acetone ~	20	3.6		ug/m3	5	1/3/2018 2:53:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 5:35:00 AM
Benzene ~	0.80	0.48		ug/m3	1	1/3/2018 5:35:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 5:35:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 5:35:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 5:35:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 5:35:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 5:35:00 AM
Carbon tetrachloride ~	0.69	0.25		ug/m3	1	1/3/2018 5:35:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 5:35:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 5:35:00 AM
Chloroform ~	0.83	0.73		ug/m3	1	1/3/2018 5:35:00 AM
Chloromethane ~	1.1	0.31		ug/m3	1	1/3/2018 5:35:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 5:35:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 5:35:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	1/3/2018 5:35:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 5:35:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	1/3/2018 5:35:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/3/2018 5:35:00 AM
Freon 11 ~	1.4	0.84		ug/m3	1	1/3/2018 5:35:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	1/3/2018 5:35:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 5:35:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-004A

Client Sample ID: Rm 109 Stairwell
Tag Number: 1174,272
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12 -	2.8 J	0.74		ug/m3	1	1/3/2018 5:35:00 AM
Heptane	< 0.61 J	0.61		ug/m3	1	1/3/2018 5:35:00 AM
Hexachloro-1,3-butadiene	< 1.6 J	1.6		ug/m3	1	1/3/2018 5:35:00 AM
Hexane -	0.53 J	0.53		ug/m3	1	1/3/2018 5:35:00 AM
Isopropyl alcohol -	3.4 J	0.37		ug/m3	1	1/3/2018 5:35:00 AM
m&p-Xylene	< 1.3 J	1.3		ug/m3	1	1/3/2018 5:35:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	1/3/2018 5:35:00 AM
Methyl Ethyl Ketone -	1.3 J	0.88		ug/m3	1	1/3/2018 5:35:00 AM
Methyl Isobutyl Ketone -	0.78 J	1.2 J		ug/m3	1	1/3/2018 5:35:00 AM
Methyl tert-butyl ether	< 0.54 J	0.54		ug/m3	1	1/3/2018 5:35:00 AM
Methylene chloride -	1.2 J	0.52		ug/m3	1	1/3/2018 5:35:00 AM
o-Xylene	< 0.65 J	0.65		ug/m3	1	1/3/2018 5:35:00 AM
Propylene	< 0.26 J	0.26		ug/m3	1	1/3/2018 5:35:00 AM
Styrene	< 0.64 J	0.64		ug/m3	1	1/3/2018 5:35:00 AM
Tetrachloroethylene	< 1.0 J	1.0		ug/m3	1	1/3/2018 5:35:00 AM
Tetrahydrofuran	< 0.44 J	0.44		ug/m3	1	1/3/2018 5:35:00 AM
Toluene -	0.75 J	0.57		ug/m3	1	1/3/2018 5:35:00 AM
trans-1,2-Dichloroethene	< 0.59 J	0.59		ug/m3	1	1/3/2018 5:35:00 AM
trans-1,3-Dichloropropene	< 0.68 J	0.68		ug/m3	1	1/3/2018 5:35:00 AM
Trichloroethene -	0.27 J	0.16		ug/m3	1	1/3/2018 5:35:00 AM
Vinyl acetate	< 0.53 J	0.53		ug/m3	1	1/3/2018 5:35:00 AM
Vinyl Bromide	< 0.66 J	0.66		ug/m3	1	1/3/2018 5:35:00 AM
Vinyl chloride	< 0.10 J	0.10		ug/m3	1	1/3/2018 5:35:00 AM

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Qualifiers: ** Quantitation Limit
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
JN Non-routine analyte. Quantitation estimated.
S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected
E Estimated Value above quantitation range
J Analyte detected below quantitation limit
ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1801001
 Project: 690 St Paul
 Lab ID: C1801001-005A

Client Sample ID: Rm 107B
 Tag Number: 541,1162
 Collection Date: 12/27/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 6:16:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 6:16:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 6:16:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 6:16:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:16:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 6:16:00 AM
1,2,4-Trimethylbenzene —	0.59	0.74	J	ug/m3	1	1/3/2018 6:16:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 6:16:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:16:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 6:16:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 6:16:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 6:16:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 6:16:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:16:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:16:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 6:16:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 6:16:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 6:16:00 AM
Acetone —	15 J	3.6		ug/m3	5	1/3/2018 3:31:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 6:16:00 AM
Benzene —	0.86	0.48		ug/m3	1	1/3/2018 6:16:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 6:16:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 6:16:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 6:16:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 6:16:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 6:16:00 AM
Carbon tetrachloride —	0.63	0.25		ug/m3	1	1/3/2018 6:16:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 6:16:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 6:16:00 AM
Chloroform —	8.2	0.73		ug/m3	1	1/3/2018 6:16:00 AM
Chloromethane —	1.4	0.31		ug/m3	1	1/3/2018 6:16:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:16:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 6:16:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	1/3/2018 6:16:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 6:16:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	1/3/2018 6:16:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/3/2018 6:16:00 AM
Freon 11 —	1.5	0.84		ug/m3	1	1/3/2018 6:16:00 AM
Freon 113 —	0.84	1.1	J	ug/m3	1	1/3/2018 6:16:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 6:16:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jun-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-005A

Client Sample ID: Rm 107B
Tag Number: 541,1162
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12 ~	2.9	0.74		ug/m3	1	1/3/2018 6:16:00 AM
Heptane ~	0.45	0.61	J	ug/m3	1	1/3/2018 6:16:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 6:16:00 AM
Hexane ~	0.78	0.53		ug/m3	1	1/3/2018 6:16:00 AM
Isopropyl alcohol ~	4.9	0.37		ug/m3	1	1/3/2018 6:16:00 AM
m&p-Xylene ~	0.74	1.3	J	ug/m3	1	1/3/2018 6:16:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 6:16:00 AM
Methyl Ethyl Ketone ~	1.1	0.88		ug/m3	1	1/3/2018 6:16:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 6:16:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 6:16:00 AM
Methylene chloride ~	0.97	0.52		ug/m3	1	1/3/2018 6:16:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	1/3/2018 6:16:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 6:16:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 6:16:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 6:16:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/3/2018 6:16:00 AM
Toluene ~	1.2	0.57		ug/m3	1	1/3/2018 6:16:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:16:00 AM
trans-1,3-Dichloropropene	< 0.68	0.88		ug/m3	1	1/3/2018 6:16:00 AM
Trichloroethene ~	0.70	0.16		ug/m3	1	1/3/2018 6:16:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 6:16:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 6:16:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 6:16:00 AM

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Qualifiers:	** Quantitation Limit	.	Results reported are not blank corrected
	B Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S Spike Recovery outside accepted recovery limits		

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1801001
 Project: 690 St Paul
 Lab ID: C1801001-006A

Client Sample ID: Elevator
 Tag Number: 231,255
 Collection Date: 12/27/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 6:56:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 6:56:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 6:56:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 6:56:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:56:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 6:56:00 AM
1,2,4-Trimethylbenzene -	1.6	0.74		ug/m3	1	1/3/2018 6:56:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 6:56:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:56:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 6:56:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 6:56:00 AM
1,3,5-Trimethylbenzene -	0.79	0.74		ug/m3	1	1/3/2018 6:56:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 6:56:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:56:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 6:56:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 6:56:00 AM
2,2,4-trimethylpentane -	0.56	0.70	J	ug/m3	1	1/3/2018 6:56:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 6:56:00 AM
Acetone -	12	3.6		ug/m3	5	1/3/2018 4:08:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 6:56:00 AM
Benzene -	1.2	0.48		ug/m3	1	1/3/2018 6:56:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 6:56:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 6:56:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 6:56:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 6:56:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 6:56:00 AM
Carbon tetrachloride -	0.63	0.25		ug/m3	1	1/3/2018 6:56:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 6:56:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 6:56:00 AM
Chloroform -	9.9	0.73		ug/m3	1	1/3/2018 6:56:00 AM
Chloromethane -	1.1	0.31		ug/m3	1	1/3/2018 6:56:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:56:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 6:56:00 AM
Cyclohexane -	0.41	0.62	J	ug/m3	1	1/3/2018 6:56:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 6:56:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	1/3/2018 6:56:00 AM
Ethylbenzene -	0.61	0.65	J	ug/m3	1	1/3/2018 6:56:00 AM
Freon 11 -	1.5	0.84		ug/m3	1	1/3/2018 6:56:00 AM
Freon 113 -	0.84	1.1	J	ug/m3	1	1/3/2018 6:56:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 6:56:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801001
Project: 690 St Paul
Lab ID: C1801001-006A

Client Sample ID: Elevator
Tag Number: 231,255
Collection Date: 12/27/2017
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12	2.9	0.74		ug/m3	1	1/3/2018 6:56:00 AM
Heptane	0.74	0.61		ug/m3	1	1/3/2018 6:56:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 6:56:00 AM
Hexane	1.7	0.53		ug/m3	1	1/3/2018 6:56:00 AM
Isopropyl alcohol	1.7	0.37		ug/m3	1	1/3/2018 6:56:00 AM
m&p-Xylene	2.0	1.3		ug/m3	1	1/3/2018 6:56:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 6:56:00 AM
Methyl Ethyl Ketone	1.1	0.88		ug/m3	1	1/3/2018 6:56:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 6:56:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 6:56:00 AM
Methylene chloride	1.3	0.52		ug/m3	1	1/3/2018 6:56:00 AM
o-Xylene	0.82	0.65		ug/m3	1	1/3/2018 6:56:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 6:56:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 6:56:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 6:56:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/3/2018 6:56:00 AM
Toluene	2.9	0.57		ug/m3	1	1/3/2018 6:56:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 6:56:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 6:56:00 AM
Trichloroethene	0.54	0.16		ug/m3	1	1/3/2018 6:56:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 6:56:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 6:56:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 6:56:00 AM

Qualifiers: ** Quantitation Limit
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
JN Non-routine analyte. Quantitation estimated.
S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected
E Estimated Value above quantitation range
J Analyte detected below quantitation limit
ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.

Client Sample ID: Dupe

Lab Order: C1801001

Tag Number: 422,1162

Project: 690 St Paul

Collection Date: 12/27/2017

Lab ID: C1801001-007A

Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 7:37:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/3/2018 7:37:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/3/2018 7:37:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 7:37:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 7:37:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/3/2018 7:37:00 AM
1,2,4-Trimethylbenzene ~	0.69	0.74	J	ug/m3	1	1/3/2018 7:37:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/3/2018 7:37:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 7:37:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/3/2018 7:37:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/3/2018 7:37:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/3/2018 7:37:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/3/2018 7:37:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 7:37:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/3/2018 7:37:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/3/2018 7:37:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/3/2018 7:37:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/3/2018 7:37:00 AM
Acetone ~	12 J	3.6		ug/m3	5	1/3/2018 4:46:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/3/2018 7:37:00 AM
Benzene ~	0.86	0.48		ug/m3	1	1/3/2018 7:37:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/3/2018 7:37:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/3/2018 7:37:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/3/2018 7:37:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/3/2018 7:37:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/3/2018 7:37:00 AM
Carbon tetrachloride ~	0.69	0.25		ug/m3	1	1/3/2018 7:37:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/3/2018 7:37:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/3/2018 7:37:00 AM
Chloroform ~	8.2	0.73		ug/m3	1	1/3/2018 7:37:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	1/3/2018 7:37:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 7:37:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 7:37:00 AM
Cyclohexane ~	0.48	0.52	J	ug/m3	1	1/3/2018 7:37:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/3/2018 7:37:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	1/3/2018 7:37:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	1/3/2018 7:37:00 AM
Freon 11 ~	1.5	0.84		ug/m3	1	1/3/2018 7:37:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	1/3/2018 7:37:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/3/2018 7:37:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte, Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.

Client Sample ID: Dupe

Lab Order: C1801001

Tag Number: 422,1162

Project: 690 St Paul

Collection Date: 12/27/2017

Lab ID: C1801001-007A

Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC			TO-15			Analyst: RJP
Freon 12 -	2.9	0.74		ug/m3	1	1/3/2018 7:37:00 AM
Heptane -	0.57	0.61	J	ug/m3	1	1/3/2018 7:37:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	1/3/2018 7:37:00 AM
Hexane -	0.81	0.53		ug/m3	1	1/3/2018 7:37:00 AM
Isopropyl alcohol -	3.0	0.37		ug/m3	1	1/3/2018 7:37:00 AM
m&p-Xylene -	0.78	1.3	J	ug/m3	1	1/3/2018 7:37:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 7:37:00 AM
Methyl Ethyl Ketone -	1.8	0.88		ug/m3	1	1/3/2018 7:37:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	1/3/2018 7:37:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	1/3/2018 7:37:00 AM
Methylene chloride -	1.1	0.52		ug/m3	1	1/3/2018 7:37:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	1/3/2018 7:37:00 AM
Propylene	< 0.26	0.26		ug/m3	1	1/3/2018 7:37:00 AM
Styrene	< 0.64	0.64		ug/m3	1	1/3/2018 7:37:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	1/3/2018 7:37:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	1/3/2018 7:37:00 AM
Toluene -	1.3	0.57		ug/m3	1	1/3/2018 7:37:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/3/2018 7:37:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/3/2018 7:37:00 AM
Trichloroethene -	0.86	0.16		ug/m3	1	1/3/2018 7:37:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	1/3/2018 7:37:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	1/3/2018 7:37:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/3/2018 7:37:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1801001
 Project: 690 St Paul
 Lab ID: C1801001-008A

Client Sample ID: Roof
 Tag Number: 1189,344
 Collection Date: 12/27/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	1/4/2018 8:27:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	1/4/2018 8:27:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	1/4/2018 8:27:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	1/4/2018 8:27:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	1/4/2018 8:27:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	1/4/2018 8:27:00 AM
1,2,4-Trimethylbenzene	0.84	0.74		ug/m3	1	1/4/2018 8:27:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	1/4/2018 8:27:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/4/2018 8:27:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	1/4/2018 8:27:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	1/4/2018 8:27:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	1/4/2018 8:27:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	1/4/2018 8:27:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/4/2018 8:27:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	1/4/2018 8:27:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	1/4/2018 8:27:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	1/4/2018 8:27:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	1/4/2018 8:27:00 AM
Acetone	18	7.1		ug/m3	10	1/4/2018 9:04:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	1/4/2018 8:27:00 AM
Benzene	0.89	0.48		ug/m3	1	1/4/2018 8:27:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	1/4/2018 8:27:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	1/4/2018 8:27:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	1/4/2018 8:27:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	1/4/2018 8:27:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	1/4/2018 8:27:00 AM
Carbon tetrachloride	< 0.25	0.25		ug/m3	1	1/4/2018 8:27:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	1/4/2018 8:27:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	1/4/2018 8:27:00 AM
Chloroform	0.54	0.73	J	ug/m3	1	1/4/2018 8:27:00 AM
Chloromethane	0.91	0.31		ug/m3	1	1/4/2018 8:27:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/4/2018 8:27:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	1/4/2018 8:27:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	1/4/2018 8:27:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	1/4/2018 8:27:00 AM
Ethyl acetate	0.43	0.54	J	ug/m3	1	1/4/2018 8:27:00 AM
Ethylbenzene	< 0.85	0.85		ug/m3	1	1/4/2018 8:27:00 AM
Freon 11	1.2	0.84		ug/m3	1	1/4/2018 8:27:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	1/4/2018 8:27:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	1/4/2018 8:27:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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Centek Laboratories, LLC

Date: 16-Jan-18

CLIENT: LaBella Associates, P.C.
 Lab Order: C1801001
 Project: 690 St Paul
 Lab ID: C1801001-008A

Client Sample ID: Roof
 Tag Number: 1189,344
 Collection Date: 12/27/2017
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC		TO-15		Analyst: RJP		
Freon 12 -	2.0 J	0.74		ug/m3	1	1/4/2018 8:27:00 AM
Heptane -	0.53 J	0.61	J	ug/m3	1	1/4/2018 8:27:00 AM
Hexachloro-1,3-butadiene	< 1.6 J	1.6		ug/m3	1	1/4/2018 8:27:00 AM
Hexane -	0.42 J	0.53	J	ug/m3	1	1/4/2018 8:27:00 AM
Isopropyl alcohol	< 0.37 J	0.37		ug/m3	1	1/4/2018 8:27:00 AM
m&p-Xylene -	0.65 J	1.3	J	ug/m3	1	1/4/2018 8:27:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	1/4/2018 8:27:00 AM
Methyl Ethyl Ketone -	1.5 J	0.88		ug/m3	1	1/4/2018 8:27:00 AM
Methyl Isobutyl Ketone	< 1.2 J	1.2		ug/m3	1	1/4/2018 8:27:00 AM
Methyl tert-butyl ether	< 0.54 J	0.54		ug/m3	1	1/4/2018 8:27:00 AM
Methylene chloride -	38 J	5.2		ug/m3	10	1/4/2018 9:04:00 AM
o-Xylene	< 0.65 J	0.65		ug/m3	1	1/4/2018 8:27:00 AM
Propylene	< 0.26 J	0.26		ug/m3	1	1/4/2018 8:27:00 AM
Styrene	< 0.64 J	0.64		ug/m3	1	1/4/2018 8:27:00 AM
Tetrachloroethylene	< 1.0 J	1.0		ug/m3	1	1/4/2018 8:27:00 AM
Tetrahydrofuran	< 0.44 J	0.44		ug/m3	1	1/4/2018 8:27:00 AM
Toluene -	0.87 J	0.57		ug/m3	1	1/4/2018 8:27:00 AM
trans-1,2-Dichloroethene	< 0.59 J	0.59		ug/m3	1	1/4/2018 8:27:00 AM
trans-1,3-Dichloropropene	< 0.68 J	0.68		ug/m3	1	1/4/2018 8:27:00 AM
Trichloroethene -	0.59 J	0.16		ug/m3	1	1/4/2018 8:27:00 AM
Vinyl acetate	< 0.53 J	0.53		ug/m3	1	1/4/2018 8:27:00 AM
Vinyl Bromide	< 0.66 J	0.66		ug/m3	1	1/4/2018 8:27:00 AM
Vinyl chloride	< 0.10 J	0.10		ug/m3	1	1/4/2018 8:27:00 AM

Qualifiers: ** Quantitation Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

. Results reported are not blank corrected
 E Estimated Value above quantitation range
 J Analyte detected below quantitation limit
 ND Not Detected at the Limit of Detection

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CENTEK LABORATORIES, LLC

Date: 16-Jan-18

QC SUMMARY REPORT SURROGATE RECOVERIES

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

Test No: TO-15

Matrix: A

Sample ID	BR4FBZ								
ALCS1UG-010218	110								
ALCS1UG-010318	110								
ALCS1UGD-010218	112								
ALCS1UGD-010318	112								
AMBIUG-010218	74.0								
AMBIUG-010318	75.0								
C1801001-001A	81.0								
C1801001-001A MS	107								
C1801001-001A MSD	110								
C1801001-002A	79.0								
C1801001-003A	82.0								
C1801001-004A	77.0								
C1801001-005A	88.0								
C1801001-006A	104								
C1801001-007A	85.0								
C1801001-008A	90.0								

Acronym	Surrogate	QC Limits
BR4FBZ	= Bromofluorobenzene	70-130

* Surrogate recovery outside acceptance limits

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\AP010202.D

Tune Time : 2 Jan 2018 10:37 am

Daily Calibration File : C:\HPCHEM\1\DATA\AP010202.D

		(BFB)				26452	102938	82046
						(IS1)	(IS2)	(IS3)
						18894	73527	58604
						11336	44116	35162
File	Sample	DL	Surrogate Recovery %	Internal Standard Responses				
AP010203.D	ALCS1UG-010218	110		18304	✓	71212	✓	57293
AP010204.D	AMB1UG-010218	(74)		17547		64250		47222
AP010224.D	ALCS1UGD-010218	112		15039		57781		46470
AP010225.D	C1801001-001A	81	10.57 12.80 17.54	15269		56469		44265
AP010226.D	C1801001-001A MS	107		15967		60605		50075
AP010227.D	C1801001-001A MSD	110		16037		60439		50134
AP010228.D	C1801001-002A	(79)	10.58 12.81 17.54	15572		58695		45812
AP010229.D	C1801001-003A	82	10.58 12.81 17.55	15313		56542		44463
AP010230.D	C1801001-004A	(77)	10.58 12.81 17.55	15569		56653		43750
AP010231.D	C1801001-005A	88	10.58 12.81 17.55	15272		57004		45162
AP010232.D	C1801001-006A	104	10.59 12.81 17.55	15506		58698		47554
AP010233.D	C1801001-007A	85	10.59 12.81 17.55	15558		58081		46677

t - fails 24hr time check * - fails criteria

Created: Tue Jan 16 09:37:41 2018 MSD #1/

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\AP010302.D

Tune Time : 3 Jan 2018 9:43 am

Daily Calibration File : C:\HPCHEM\1\DATA\AP010302.D

			(BFB)	21795	79036	63871
			(IS1)	(IS2)	(IS3)	
			15568	56454	45622	
			9341	33872	27373	
File	Sample	DL	Surrogate Recovery %	Internal Standard Responses		
AP010303.D	ALCS1UG-010318	110		15755 ✓	58277 ✓	46898 ✓
AP010304.D	AMB1UG-010318	(75)		15197	55253	39558
AP010307.D	C1801001-001A 5X	(77)	10.58 12.81 17.55	14440	54097	38316
AP010308.D	C1801001-002A 5X	(75)	10.58 12.81 17.55	14679	53313	40013
AP010309.D	C1801001-003A 5X	(76)	10.59 12.81 17.55	14657	54188	39713
AP010310.D	C1801001-004A 5X	(76)	10.58 12.81 17.55	14660	53152	39357
AP010311.D	C1801001-005A 5X	(78)	10.58 12.81 17.55	14097	54538	39600
AP010312.D	C1801001-006A 5X	83	10.59 12.81 17.54	13840	52771	38958
AP010313.D	C1801001-007A 5X	(78)	10.58 12.81 17.55	14097	52346	38132
AP010321.D	ALCS1UGD-010318	112		16069	57691	47285
AP010329.D	C1801001-008A	90	10.57 12.80 17.54	16185	58820	46718
AP010330.D	C1801001-008A 10x	(78)	10.58 12.81 17.55	14196	51252	37292

t - fails 24hr time check * - fails criteria

Created: Tue Jan 16 09:40:33 2018 MSD #1/



Date: 16-Jan-18

ANALYTICAL QC SUMMARY REPORT

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-010218	Sample Type: LCS	TestCode: 0.25CT-TCE-	Units: ppbv	Prep Date:	RunNo: 13097						
Client ID: ZZZZZ	Batch ID: R13097	TestNo: TO-15		Analysis Date: 1/2/2018	SeqNo: 152274						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.080	0.15	1	0	108 ✓	70	130				
1,1,2,2-Tetrachloroethane	1.200	0.15	1	0	120	70	130				
1,1,2-Trichloroethane	1.120	0.15	1	0	112	70	130				
1,1-Dichloroethane	1.060	0.15	1	0	106	70	130				
1,1-Dichloroethene	1.050	0.15	1	0	105	70	130				
1,2,4-Trichlorobenzene	1.250	0.15	1	0	125	70	130				
1,2,4-Trimethylbenzene	1.130	0.15	1	0	113	70	130				
1,2-Dibromoethane	1.110	0.15	1	0	111	70	130				
1,2-Dichlorobenzene	1.170	0.15	1	0	117	70	130				
1,2-Dichloroethane	1.020	0.15	1	0	102	70	130				
1,2-Dichloropropane	1.130	0.15	1	0	113	70	130				
1,3,5-Trimethylbenzene	1.200	0.15	1	0	120	70	130				
1,3-butadiene	1.040	0.15	1	0	104	70	130				
1,3-Dichlorobenzene	1.180	0.15	1	0	118	70	130				
1,4-Dichlorobenzene	1.210	0.15	1	0	121	70	130				
1,4-Dioxane	1.090	0.30	1	0	109	70	130				
2,2,4-trimethylpentane	1.080	0.15	1	0	108	70	130				
4-ethyltoluene	1.160	0.15	1	0	116	70	130				
Acetone	0.9200	0.30	1	0	92.0	70	130				
Allyl chloride	1.040	0.15	1	0	104	70	130				
Benzene	1.050	0.15	1	0	105	70	130				
Benzyl chloride	1.350	0.15	1	0	135 ✓	70	130				
Bromodichloromethane	1.080	0.15	1	0	108	70	130				
Bromoform	1.000	0.15	1	0	100	70	130				
Bromomethane	1.010	0.15	1	0	101	70	130				

Qualifiers: J Results reported are not blank corrected
S Analyte detected below quantitation limit
S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
NID Not Detected at the Limit of Detection

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
 Work Order: C1801001
 Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-010218		Sample Type: LCS	TestCode: 0.25CT-TCE-		Units: ppbV	Prep Date:		RunNo: 13097			
Client ID: ZZZZZ		Batch ID: R13097	TestNo: TO-15			Analysis Date: 1/2/2018		SeqNo: 152274			
Analyte	Result	POL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	1.050	0.15	1	0	105	70	130				
Carbon tetrachloride	1.000	0.040	1	0	100	70	130				
Chlorobenzene	1.080	0.15	1	0	108	70	130				
Chloroethane	0.9800	0.15	1	0	98.0	70	130				
Chloroform	1.030	0.15	1	0	103	70	130				
Chloromethane	1.060	0.15	1	0	106	70	130				
cis-1,2-Dichloroethene	1.030	0.15	1	0	103	70	130				
cis-1,3-Dichloropropene	1.130	0.15	1	0	113	70	130				
Cyclohexane	1.050	0.15	1	0	105	70	130				
Dibromochloromethane	1.070	0.15	1	0	107	70	130				
Ethyl acetate	1.090	0.15	1	0	109	70	130				
Ethylbenzene	0.9700	0.15	1	0	97.0	70	130				
Freon 11	0.9900	0.15	1	0	99.0	70	130				
Freon 113	1.050	0.15	1	0	105	70	130				
Freon 114	1.040	0.15	1	0	104	70	130				
Freon 12	1.080	0.15	1	0	108	70	130				
Heptane	1.110	0.15	1	0	111	70	130				
Hexachloro-1,3-butadiene	1.170	0.15	1	0	117	70	130				
Hexane	1.050	0.15	1	0	105	70	130				
Isopropyl alcohol	1.070	0.15	1	0	107	70	130				
m&p-Xylene	2.180	0.30	2	0	109	70	130				
Methyl Butyl Ketone	1.200	0.30	1	0	120	70	130				
Methyl Ethyl Ketone	1.060	0.30	1	0	106	70	130				
Methyl Isobutyl Ketone	1.150	0.30	1	0	115	70	130				
Methyl tert-butyl ether	1.000	0.15	1	0	100	70	130				
Methylene chloride	1.050	0.15	1	0	105	70	130				
o-Xylene	1.140	0.15	1	0	114	70	130				
Propylene	1.140	0.15	1	0	114	70	130				
Styrene	1.190	0.15	1	0	119	70	130				
Tetrachloroethylene	1.030	0.15	1	0	103	70	130				
Tetrahydrofuran	1.020	0.15	1	0	102	70	130				

Qualifiers: . Results reported are not blank corrected
 J Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits
 E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection
 H Holding times for preparation of analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
 Work Order: C1801001
 Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-010218	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13097						
Client ID: ZZZZZ	Batch ID: R13097	TestNo: TO-15		Analysis Date: 1/2/2018	SeqNo: 152274						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Toluene	1.040	0.15	1	0	104	70	130				
trans-1,2-Dichloroethene	1.040	0.15	1	0	104	70	130				
trans-1,3-Dichloropropene	0.9600	0.15	1	0	96.0	70	130				
Trichloroethene	0.9600	0.030	1	0	96.0	70	130				
Vinyl acetate	1.000	0.15	1	0	100	70	130				
Vinyl Bromide	0.9900	0.15	1	0	99.0	70	130				
Vinyl chloride	1.010	0.040	1	0	101	70	130				

Sample ID: ALCS1UG-010318	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13098						
Client ID: ZZZZZ	Batch ID: R13098	TestNo: TO-15		Analysis Date: 1/3/2018	SeqNo: 152286						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	1.190	0.15	1	0	119	70	130				
1,1,2,2-Tetrachloroethane	1.230	0.15	1	0	123	70	130				
1,1,2-Trichloroethane	1.190	0.15	1	0	119	70	130				
1,1-Dichloroethane	1.100	0.15	1	0	110	70	130				
1,1-Dichloroethene	1.110	0.15	1	0	111	70	130				
1,2,4-Trichlorobenzene	1.270	0.15	1	0	127	70	130				
1,2,4-Trimethylbenzene	1.110	0.15	1	0	111	70	130				
1,2-Dibromobenzene	1.150	0.15	1	0	115	70	130				
1,2-Dichlorobenzene	1.240	0.15	1	0	124	70	130				
1,2-Dichloroethane	1.060	0.15	1	0	106	70	130				
1,2-Dichloropropane	1.220	0.15	1	0	122	70	130				
1,3,5-Trimethylbenzene	1.230	0.15	1	0	123	70	130				
1,3-buladiene	1.100	0.15	1	0	110	70	130				
1,3-Dichlorobenzene	1.220	0.15	1	0	122	70	130				
1,4-Dichlorobenzene	1.270	0.15	1	0	127	70	130				
1,4-Dioxane	1.270	0.30	1	0	127	70	130				
2,2,4-trimethylpentane	1.120	0.15	1	0	112	70	130				
4-ethyltoluene	1.200	0.15	1	0	120	70	130				

Qualifiers:	Results reported are not blank corrected	E	Estimated Value above quantitation range	IF	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-010318		SampleType: LCS		TestCode: 0.25CT-TCE-		Units: ppbv		Prep Date:		RunNo: 13098	
Client ID: ZZZZZ		Batch ID: R13098		TestNo: TO-15				Analysis Date: 1/3/2018		SeqNo: 152286	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	1.090	0.30	1	0	109	70	130				
Allyl chloride	1.040	0.15	1	0	104	70	130				
Benzene	1.100	0.15	1	0	110	70	130				
Benzyl chloride	1.270	0.15	1	0	127	70	130				
Bromodichloromethane	1.190	0.15	1	0	119	70	130				
Bromoform	1.030	0.15	1	0	103	70	130				
Bromomethane	1.060	0.15	1	0	106	70	130				
Carbon disulfide	1.070	0.15	1	0	107	70	130				
Carbon tetrachloride	1.100	0.040	1	0	110	70	130				
Chlorobenzene	1.100	0.15	1	0	110	70	130				
Chloroethane	1.030	0.15	1	0	103	70	130				
Chloroform	1.070	0.15	1	0	107	70	130				
Chloromethane	1.130	0.15	1	0	113	70	130				
cis-1,2-Dichloroethene	1.050	0.15	1	0	105	70	130				
cis-1,3-Dichloropropene	1.150	0.15	1	0	115	70	130				
Cyclohexane	1.110	0.15	1	0	111	70	130				
Dibromochloromethane	1.130	0.15	1	0	113	70	130				
Ethyl acetate	1.120	0.15	1	0	112	70	130				
Ethylbenzene	0.9900	0.15	1	0	99.0	70	130				
Freon 11	1.060	0.15	1	0	106	70	130				
Freon 113	1.040	0.15	1	0	104	70	130				
Freon 114	1.110	0.15	1	0	111	70	130				
Freon 12	1.170	0.15	1	0	117	70	130				
Heptane	1.130	0.15	1	0	113	70	130				
Hexachloro-1,3-butadiene	1.270	0.15	1	0	127	70	130				
Hexane	1.040	0.15	1	0	104	70	130				
Isopropyl alcohol	1.140	0.15	1	0	114	70	130				
m&p-Xylene	2.240	0.30	2	0	112	70	130				
Methyl Butyl Ketone	1.360	0.30	1	0	136	70	130				
Methyl Ethyl Ketone	1.080	0.30	1	0	108	70	130				
Methyl Isobutyl Ketone	1.240	0.30	1	0	124	70	130				

Qualifiers: J Results reported are not blank corrected
 J Analyte detected below quantitation limit
 S Spike recovery outside accepted recovery limits
 E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
 Work Order: C1801001
 Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-010318	Sample Type: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13098						
Client ID: ZZZZZ	Batch ID: R13098	TestNo: TO-15		Analysis Date: 1/3/2018	SeqNo: 152286						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Methyl tert-butyl ether	0.9900	0.15	1	0	99.0	70	130				
Methylene chloride	1.030	0.15	1	0	103	70	130				
o-Xylene	1.210	0.15	1	0	121	70	130				
Propylene	1.190	0.15	1	0	119	70	130				
Styrene	1.220	0.15	1	0	122	70	130				
Tetrachloroethylene	1.090	0.15	1	0	109	70	130				
Tetrahydrofuran	1.070	0.15	1	0	107	70	130				
Toluene	1.060	0.15	1	0	106	70	130				
trans-1,2-Dichloroethene	1.050	0.15	1	0	105	70	130				
trans-1,3-Dichloropropene	1.030	0.15	1	0	103	70	130				
Trichloroethene	1.040	0.030	1	0	104	70	130				
Vinyl acetate	1.020	0.15	1	0	102	70	130				
Vinyl Bromide	1.030	0.15	1	0	103	70	130				
Vinyl chloride	1.080	0.040	1	0	108	70	130				

Qualifiers: - Results reported are not blank corrected
 J Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection

H Holding times for preparation of analysis exceeded
 R RPD outside accepted recovery limits



Date: 16-Jan-18

ANALYTICAL QC SUMMARY REPORT

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: ALCSTUGD-010218	Sample Type: LCSD	TestCode: 0.25CT-TCE-	Units: ppbv	Prep Date:	RunNo: 13097						
Client ID: ZZZZZ	Batch ID: R13097	TestNo: TO-15		Analysis Date: 1/3/2018	SeqNo: 152275						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.160	0.15	1	0	116	70	130	1.08	7.14	30	
1,1,1,2,2-Tetrachloroethane	1.270	0.15	1	0	127	70	130	1.2	5.67	30	
1,1,2-Trichloroethane	1.200	0.15	1	0	120	70	130	1.12	6.90	30	
1,1-Dichloroethane	1.100	0.15	1	0	110	70	130	1.06	3.70	30	
1,1-Dichloroethene	1.150	0.15	1	0	115	70	130	1.05	9.09	30	
1,2,4-Trichlorobenzene	1.240	0.15	1	0	124	70	130	1.25	0.803	30	
1,2,4-Trimethylbenzene	1.130	0.15	1	0	113	70	130	1.13	0	30	
1,2-Dibromoethane	1.150	0.15	1	0	115	70	130	1.11	3.54	30	
1,2-Dichlorobenzene	1.250	0.15	1	0	125	70	130	1.17	6.61	30	
1,2-Dichloroethane	1.080	0.15	1	0	108	70	130	1.02	5.71	30	
1,2-Dichloropropane	1.200	0.15	1	0	120	70	130	1.13	6.01	30	
1,3,5-Trimethylbenzene	1.290	0.15	1	0	129	70	130	1.2	7.23	30	
1,3-butadiene	1.050	0.15	1	0	105	70	130	1.04	0.957	30	
1,3-Dichlorobenzene	1.230	0.15	1	0	123	70	130	1.18	4.15	30	
1,4-Dichlorobenzene	1.290	0.15	1	0	129	70	130	1.21	6.40	30	
1,4-Dioxane	1.080	0.30	1	0	108	70	130	1.09	0.922	30	
2,2,4-trimethylpentane	1.120	0.15	1	0	112	70	130	1.08	3.64	30	
4-ethyltoluene	1.270	0.15	1	0	127	70	130	1.16	9.05	30	
Acetone	1.040	0.30	1	0	104	70	130	0.92	12.2	30	
Allyl chloride	1.040	0.15	1	0	104	70	130	1.04	0	30	
Benzene	1.090	0.15	1	0	109	70	130	1.05	3.74	30	
Benzyl chloride	1.260	0.15	1	0	126	70	130	1.35	6.90	30	
Bromodichloromethane	1.200	0.15	1	0	120	70	130	1.08	10.5	30	
Bromoform	1.070	0.15	1	0	107	70	130	1	6.76	30	
Bromomethane	1.060	0.15	1	0	106	70	130	1.01	4.83	30	

Qualifiers: J Results reported are not blank corrected
S Analyte detected below quantitation limit
S Spike Recovery outside accepted recovery limits
E Estimated Value above quantitation range
ND Not Detected at the Limit of Detection
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
 Work Order: C1801001
 Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UGD-010218		Sample Type: LCSO	TestCode: 0.25CT-TCE-		Units: ppbV	Prep Date:		RunNo: 13097	
Client ID: ZZZZZ		Batch ID: R13097	TestNo: TO-15			Analysis Date: 1/31/2018		SeqNo: 152275	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	RPD Limit
Carbon disulfide	1.050	0.15	1	0	105	70	130	1.05	30
Carbon tetrachloride	1.090	0.040	1	0	109	70	130	1	30
Chlorobenzene	1.100	0.15	1	0	110	70	130	1.08	30
Chloroethane	1.020	0.15	1	0	102	70	130	0.98	30
Chloroform	1.080	0.15	1	0	108	70	130	1.03	30
Chloromethane	1.100	0.15	1	0	110	70	130	1.06	30
cis-1,2-Dichloroethene	1.080	0.15	1	0	108	70	130	1.03	30
cis-1,3-Dichloropropene	1.140	0.15	1	0	114	70	130	1.13	30
Cyclohexane	1.120	0.15	1	0	112	70	130	1.05	30
Dibromochloromethane	1.140	0.15	1	0	114	70	130	1.07	30
Ethyl acetate	1.100	0.15	1	0	110	70	130	1.09	30
Ethylbenzene	1.000	0.15	1	0	100	70	130	0.97	30
Freon 11	1.110	0.15	1	0	111	70	130	0.99	30
Freon 113	1.050	0.15	1	0	105	70	130	1.05	30
Freon 114	1.100	0.15	1	0	110	70	130	1.04	30
Freon 12	1.180	0.15	1	0	118	70	130	1.08	30
Heptane	1.120	0.15	1	0	112	70	130	1.11	30
Hexachloro-1,3-butadiene	1.250	0.15	1	0	125	70	130	1.17	30
Hexane	1.040	0.15	1	0	104	70	130	1.05	30
Isopropyl alcohol	1.100	0.15	1	0	110	70	130	1.07	30
m&p-Xylene	2.270	0.30	2	0	114	70	130	2.18	30
Methyl Butyl Ketone	0.7800	0.30	1	0	78.0	70	130	1.2	30
Methyl Ethyl Ketone	1.020	0.30	1	0	102	70	130	1.06	30
Methyl Isobutyl Ketone	1.090	0.30	1	0	109	70	130	1.15	30
Methyl tert-butyl ether	1.040	0.15	1	0	104	70	130	1	30
Methylene chloride	1.060	0.15	1	0	106	70	130	1.05	30
o-Xylene	1.230	0.15	1	0	123	70	130	1.14	30
Propylene	1.130	0.15	1	0	113	70	130	1.14	30
Styrene	1.250	0.15	1	0	125	70	130	1.19	30
Tetrachloroethylene	1.090	0.15	1	0	109	70	130	1.03	30
Tetrahydrofuran	1.040	0.15	1	0	104	70	130	1.02	30

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 R Spike Recovery outside accepted recovery limits
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
 Work Order: C1801001
 Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UGD-010218		Batch ID: R13097		TestCode: 0.25CT-TCE- TestNo: TO-15		Units: ppbV		Prep Date: Analysis Date: 1/3/2018		RunNo: 13097 SeqNo: 152275	
Client ID: ZZZZZ		Batch ID: R13097		TestCode: 0.25CT-TCE- TestNo: TO-15		Units: ppbV		Prep Date: Analysis Date: 1/3/2018		RunNo: 13097 SeqNo: 152275	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	1.050	0.15	1	0	105	70	130	1.04	0.957	30	
trans-1,2-Dichloroethene	1.070	0.15	1	0	107	70	130	1.04	2.84	30	
trans-1,3-Dichloropropene	1.060	0.15	1	0	106	70	130	0.96	9.90	30	
Trichloroethene	1.020	0.030	1	0	102	70	130	0.96	6.06	30	
Vinyl acetate	1.020	0.15	1	0	102	70	130	1	1.98	30	
Vinyl Bromide	1.040	0.15	1	0	104	70	130	0.99	4.93	30	
Vinyl chloride	1.040	0.040	1	0	104	70	130	1.01	2.93	30	

Sample ID: ALCS1UGD-010318	Batch ID: R13098	SampleType: LCSD	TestCode: 0.25CT-TCE- TestNo: TO-15	Units: ppbV	Prep Date: Analysis Date: 1/3/2018	RunNo: 13098 SeqNo: 152287					
Client ID: ZZZZZ											
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.230	0.15	1	0	123	70	130	1.19	3.31	30	
1,1,2,2-Tetrachloroethane	1.270	0.15	1	0	127	70	130	1.23	3.20	30	
1,1,2-Trichloroethane	1.270	0.15	1	0	127	70	130	1.19	6.50	30	
1,1-Dichloroethane	1.120	0.15	1	0	112	70	130	1.1	1.80	30	
1,1-Dichloroethene	0.9500	0.15	1	0	95.0	70	130	1.11	15.5	30	
1,2,4-Trichlorobenzene	1.160	0.15	1	0	116	70	130	1.27	9.05	30	
1,2,4-Trimethylbenzene	1.180	0.15	1	0	118	70	130	1.11	6.11	30	
1,2-Dibromobenzene	1.220	0.15	1	0	122	70	130	1.15	5.91	30	
1,2-Dichlorobenzene	1.260	0.15	1	0	126	70	130	1.24	1.60	30	
1,2-Dichloroethane	1.030	0.15	1	0	103	70	130	1.06	2.87	30	
1,2-Dichloropropane	1.200	0.15	1	0	120	70	130	1.22	1.65	30	
1,3,5-Trimethylbenzene	1.230	0.15	1	0	123	70	130	1.23	0	30	
1,3-butadiene	1.170	0.15	1	0	117	70	130	1.1	6.17	30	
1,3-Dichlorobenzene	1.290	0.15	1	0	129	70	130	1.22	5.58	30	
1,4-Dichlorobenzene	1.290	0.15	1	0	129	70	130	1.27	1.56	30	
1,4-Dioxane	1.260	0.30	1	0	126	70	130	1.27	0.791	30	
2,2,4-trimethylpentane	1.190	0.15	1	0	119	70	130	1.12	6.06	30	
4-ethyltoluene	1.230	0.15	1	0	123	70	130	1.2	2.47	30	

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: I.aBella Associates, P.C.
 Work Order: C1801001
 Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UGD-010318		SampType: LCSD		TestCode: 0.25CT-TCE-		Units: ppbV		Prep Date:		RunNo: 13098	
Client ID: ZZZZZ		Batch ID: R13098		TestNo: TO-15		Analysis Date: 1/31/2018		SeqNo: 152287			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	1.070	0.30	1	0	107	70	130	1.09	1.85	30	
Allyl chloride	1.020	0.15	1	0	102	70	130	1.04	1.94	30	
Benzene	1.180	0.15	1	0	118	70	130	1.1	7.02	30	
Benzyl chloride	1.290	0.15	1	0	129	70	130	1.27	1.56	30	
Bromodichloromethane	1.230	0.15	1	0	123	70	130	1.19	3.31	30	
Bromoform	1.050	0.15	1	0	105	70	130	1.03	1.92	30	
Bromomethane	1.130	0.15	1	0	113	70	130	1.06	6.39	30	
Carbon disulfide	1.120	0.15	1	0	112	70	130	1.07	4.57	30	
Carbon tetrachloride	1.170	0.040	1	0	117	70	130	1.1	6.17	30	
Chlorobenzene	1.150	0.15	1	0	115	70	130	1.1	4.44	30	
Chloroethane	1.110	0.15	1	0	111	70	130	1.03	7.48	30	
Chloroform	1.100	0.15	1	0	110	70	130	1.07	2.76	30	
Chloromethane	1.210	0.15	1	0	121	70	130	1.13	6.84	30	
cis-1,2-Dichloroethene	1.040	0.15	1	0	104	70	130	1.05	0.957	30	
cis-1,3-Dichloropropene	1.220	0.15	1	0	122	70	130	1.15	5.91	30	
Cyclohexane	1.150	0.15	1	0	115	70	130	1.11	3.54	30	
Dibromochloromethane	1.160	0.15	1	0	116	70	130	1.13	2.62	30	
Ethyl acetate	1.170	0.15	1	0	117	70	130	1.12	4.37	30	
Ethylbenzene	1.020	0.15	1	0	102	70	130	0.99	2.99	30	
Freon 11	1.080	0.15	1	0	108	70	130	1.06	1.87	30	
Freon 113	1.080	0.15	1	0	108	70	130	1.04	3.77	30	
Freon 114	1.160	0.15	1	0	116	70	130	1.11	4.41	30	
Freon 12	1.210	0.15	1	0	121	70	130	1.17	3.36	30	
Heptane	1.170	0.15	1	0	117	70	130	1.13	3.48	30	
Hexachloro-1,3-butadiene	1.230	0.15	1	0	123	70	130	1.27	3.20	30	
Hexane	1.080	0.15	1	0	108	70	130	1.04	3.77	30	
Isopropyl alcohol	1.220	0.15	1	0	122	70	130	1.14	6.78	30	
m&p-Xylene	2.260	0.30	2	0	113	70	130	2.24	0.889	30	
Methyl Butyl Ketone	1.590	0.30	1	0	159	70	130	1.38	14.1	30	S
Methyl Ethyl Ketone	1.110	0.30	1	0	111	70	130	1.08	2.74	30	
Methyl Isobutyl Ketone	1.300	0.30	1	0	130	70	130	1.24	4.72	30	

Qualifiers: Results reported are not blank corrected
 J Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits
 E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
 Work Order: C1801001
 Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UGD-010318		Samp Type: LCSD		TestCode: 0.25CT-TCE-		Units: ppbV		Prep Date:		RunNo: 13098	
Client ID: ZZZZZ		Batch ID: R13098		TestNo: TO-15		Analysis Date: 1/3/2018		SeqNo: 152287			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	1.040	0.15	1	0	104	70	130	0.99	4.93	30	
Methylene chloride	1.070	0.15	1	0	107	70	130	1.03	3.81	30	
o-Xylene	1.220	0.15	1	0	122	70	130	1.21	0.823	30	
Propylene	1.340	0.15	1	0	134	70	130	1.19	11.9	30	
Styrene	1.220	0.15	1	0	122	70	130	1.22	0	30	
Tetrachloroethylene	1.130	0.15	1	0	113	70	130	1.09	3.60	30	
Tetrahydrofuran	1.080	0.15	1	0	108	70	130	1.07	0.930	30	
Toluene	1.070	0.15	1	0	107	70	130	1.06	0.939	30	
trans-1,2-Dichloroethene	1.100	0.15	1	0	110	70	130	1.05	4.65	30	
trans-1,3-Dichloropropene	1.060	0.15	1	0	106	70	130	1.03	2.87	30	
Trichloroethene	1.090	0.030	1	0	109	70	130	1.04	4.69	30	
Vinyl acetate	1.030	0.15	1	0	100	70	130	1.02	1.98	30	
Vinyl Bromide	1.080	0.15	1	0	108	70	130	1.03	4.74	30	
Vinyl chloride	1.150	0.040	1	0	115	70	130	1.08	6.28	30	

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantization limit
 S Spike Recovery outside accepted recovery limits



Date: 16-Jan-18

ANALYTICAL QC SUMMARY REPORT

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-010218	Sample Type: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13097						
Client ID: ZZZZZ	Batch ID: R13097	TestNo: TO-15		Analysis Date: 1/2/2018	SeqNo: 152273						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									

Qualifiers: J Results reported are not blank corrected
S Analyte detected below quantitation limit
S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
ND Not Detected at the Limit of Detection

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
 Work Order: C1801001
 Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-010218	SampType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13097						
Client ID: ZZZZZ	Batch ID: R13097	TestNo: TO-15		Analysis Date: 1/2/2018	SeqNo: 152273						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.040	0.040									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.15	0.15									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 E Estimated Value above quantitation range
 NID Not Detected at the Limit of Detection
 B Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-010218	SampleType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13097						
Client ID: ZZZZZ	Batch ID: R13097	TestNo: TO-15		Analysis Date: 1/2/2018	SeqNo: 152273						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPOLimit	Qual

Toluene < 0.15 ✓ 0.15

trans-1,2-Dichloroethene < 0.15 0.15

trans-1,3-Dichloropropene < 0.15 0.15

Trichloroethene < 0.030 0.030

Vinyl acetate < 0.15 0.15

Vinyl Bromide < 0.15 0.15

Vinyl chloride < 0.040 0.040

Sample ID: AMB1UG-010318	SampleType: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13098						
Client ID: ZZZZZ	Batch ID: R13098	TestNo: TO-15		Analysis Date: 1/3/2018	SeqNo: 152285						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane < 0.15 ✓ 0.15

1,1,2,2-Tetrachloroethane < 0.15 0.15

1,1,2-Trichloroethane < 0.15 0.15

1,1-Dichloroethane < 0.15 0.15

1,1-Dichloroethene < 0.15 0.15

1,2,4-Trichlorobenzene < 0.15 0.15

1,2,4-Trimethylbenzene < 0.15 0.15

1,2-Dibromoethane < 0.15 0.15

1,2-Dichlorobenzene < 0.15 0.15

1,2-Dichloroethane < 0.15 0.15

1,2-Dichloropropane < 0.15 0.15

1,3,5-Trimethylbenzene < 0.15 0.15

1,3-butadiene < 0.15 0.15

1,3-Dichlorobenzene < 0.15 0.15

1,4-Dichlorobenzene < 0.15 0.15

1,4-Dioxane < 0.30 0.30

2,2,4-trimethylpentane < 0.15 0.15

4-ethyltoluene < 0.15 0.15

Qualifiers: Results reported are not blank corrected
 J Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

Page 3 of 5

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-010318	Sample Type: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13098						
Client ID: ZZZZZ	Batch ID: R13098	TestNo: TO-15		Analysis Date: 1/3/2018	SeqNo: 152285						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.040	0.040									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.15	0.15									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									

Qualifiers: Results reported are not blank corrected
 J Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
 NED Not Detected at the Limit of Detection

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.
 Work Order: C1801001
 Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: AMB1UG-010318	Sample Type: MBLK	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13098						
Client ID: ZZZZZ	Batch ID: R13098	TestNo: TO-15		Analysis Date: 1/3/2018	SeqNo: 152285						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	< 0.15	✓	0.15								
Methylene chloride	< 0.15		0.15								
o-Xylene	< 0.15		0.15								
Propylene	< 0.15		0.15								
Styrene	< 0.15		0.15								
Tetrachloroethylene	< 0.15		0.15								
Tetrahydrofuran	< 0.15		0.15								
Toluene	< 0.15		0.15								
trans-1,2-Dichloroethene	< 0.15		0.15								
trans-1,3-Dichloropropene	< 0.15		0.15								
Trichloroethene	< 0.030		0.030								
Vinyl acetate	< 0.15		0.15								
Vinyl Bromide	< 0.15		0.15								
Vinyl chloride	< 0.040		0.040								

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits



Date: 16-Jan-18

ANALYTICAL QC SUMMARY REPORT

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: C1801001-001A MS	MS	SampleType: MS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13097					
Client ID: Rm 134A	Batch ID: R13097	TestNo: TO-15	Analysis Date: 1/3/2018	SeqNo: 152283							
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.090	0.15	1	0	109	70	130				
1,1,2,2-Tetrachloroethane	1.170	0.15	1	0	117	70	130				
1,1,2-Trichloroethane	1.150	0.15	1	0	115	70	130				
1,1-Dichloroethane	1.040	0.15	1	0	104	70	130				
1,1-Dichloroethene	1.060	0.15	1	0	106	70	130				
1,2,4-Trichlorobenzene	1.630	0.15	1	0	163	70	130				
1,2,4-Trimethylbenzene	1.390	0.15	1	0	139	70	130				
1,2-Dibromoethane	1.120	0.15	1	0	112	70	130				S
1,2-Dichlorobenzene	1.190	0.15	1	0	119	70	130				
1,2-Dichloroethane	1.030	0.15	1	0	103	70	130				S
1,2-Dichloropropane	1.120	0.15	1	0	112	70	130				
1,3,5-Trimethylbenzene	1.240	0.15	1	0	124	70	130				
1,3-butadiene	1.250	0.15	1	0	125	70	130				
1,3-Dichlorobenzene	1.290	0.15	1	0	129	70	130				
1,4-Dichlorobenzene	1.260	0.15	1	0	126	70	130				
1,4-Dioxane	1.090	0.30	1	0	109	70	130				
2,2,4-trimethylpentane	1.100	0.15	1	0	110	70	130				
4-ethyltoluene	1.180	0.15	1	0	118	70	130				
Acetone	8.590	0.30	1	8.19	40.0	70	130				
Allyl chloride	1.070	0.15	1	0	107	70	130				
Benzene	1.260	0.15	1	0.24	102	70	130				
Benzyl chloride	1.340	0.15	1	0	134	70	130				
Bromodichloromethane	1.100	0.15	1	0	110	70	130				
Bromoform	0.9700	0.15	1	0	97.0	70	130				
Bromomethane	1.030	0.15	1	0	103	70	130				

Qualifiers: J Results reported are not blank corrected
S Analyte detected below quantitation limit
S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
ND Not Detected at the Limit of Detection

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: C1801001-001A MS		SampType: MS	TestCode: 0.25CT-TCE-		Units: ppbV	Prep Date:		RunNo: 13097	
Client ID: Rm 134A		Batch ID: R13097	TestNo: TO-15			Analysis Date: 1/3/2018		SeqNo: 152283	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	RPD Limit
Carbon disulfide	1.050	0.15	1	0	105	70	130		Qual
Carbon tetrachloride	1.120	0.040	1	0.11	101	70	130		
Chlorobenzene	1.050	0.15	1	0	105	70	130		
Chloroethane	0.9700	0.15	1	0	97.0	70	130		
Chloroform	1.260	0.15	1	0.28	98.0	70	130		
Chloromethane	1.530	0.15	1	0.59	94.0	70	130		
cis-1,2-Dichloroethene	1.030	0.15	1	0	103	70	130		
cis-1,3-Dichloropropene	1.070	0.15	1	0	107	70	130		
Cyclohexane	1.150	0.15	1	0	115	70	130		
Dibromochloromethane	1.090	0.15	1	0	109	70	130		
Ethyl acetate	1.140	0.15	1	0.14	100	70	130		
Ethylbenzene	1.010	0.15	1	0	101	70	130		
Freon 11	1.240	0.15	1	0.28	96.0	70	130		
Freon 113	1.210	0.15	1	0.11	110	70	130		
Freon 114	1.120	0.15	1	0	112	70	130		
Freon 12	1.530	0.15	1	0.6	93.0	70	130		
Heptane	1.210	0.15	1	0.12	109	70	130		
Hexachloro-1,3-butadiene	1.270	0.15	1	0	127	70	130		
Hexane	1.140	0.15	1	0.15	99.0	70	130		
Isopropyl alcohol	2.780	0.15	1	2	78.0	70	130		
m&p-Xylene	2.220	0.30	2	0.11	106	70	130		
Methyl Butyl Ketone	1.250	0.30	1	0	125	70	130		
Methyl Ethyl Ketone	1.450	0.30	1	0.41	104	70	130		
Methyl Isobutyl Ketone	1.140	0.30	1	0	114	70	130		
Methyl tert-butyl ether	0.9800	0.15	1	0	98.0	70	130		
Methylene chloride	1.470	0.15	1	0.46	101	70	130		
o-Xylene	1.170	0.15	1	0	117	70	130		
Propylene	1.200	0.15	1	0	120	70	130		
Styrene	1.170	0.15	1	0	117	70	130		
Tetrachloroethylene	1.060	0.15	1	0	106	70	130		
Tetrahydrofuran	1.050	0.15	1	0	105	70	130		

Qualifiers: Results reported are not blank corrected
 J Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

E Estimated Value above quantitation range
 ND Not Detected at the Limit of Detection

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

Page 2 of 5

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: C1801001-001A MS	SampType: MS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13097						
Client ID: Rm 134A	Batch ID: R13097	TestNo: TO-15		Analysis Date: 1/3/2018	SeqNo: 152283						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Toluene	1.250	0.15	1	0.23	102	70	130				
trans-1,2-Dichloroethene	1.060	0.15	1	0	106	70	130				
trans-1,3-Dichloropropene	0.9900	0.15	1	0	99.0	70	130				
Trichloroethene	0.9900	0.030	1	0	99.0	70	130				
Vinyl acetate	0.9800	0.15	1	0	98.0	70	130				
Vinyl Bromide	1.010	0.15	1	0	101	70	130				
Vinyl chloride	1.000	0.040	1	0	100	70	130				

Sample ID: C1801001-001A MS	SampType: MSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13097						
Client ID: Rm 134A	Batch ID: R13097	TestNo: TO-15		Analysis Date: 1/3/2018	SeqNo: 152284						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	1.120	0.15	1	0	112	70	130	1.09	2.71	30	
1,1,1,2-Tetrachloroethane	1.180	0.15	1	0	118	70	130	1.17	0.851	30	
1,1,2-Trichloroethane	1.140	0.15	1	0	114	70	130	1.15	0.873	30	
1,1-Dichloroethane	1.080	0.15	1	0	108	70	130	1.04	3.77	30	
1,1-Dichloroethene	1.110	0.15	1	0	111	70	130	1.06	4.61	30	
1,2,4-Trichlorobenzene	1.480	0.15	1	0	148	70	130	1.63	9.65	30	S
1,2,4-Trimethylbenzene	1.270	0.15	1	0	127	70	130	1.39	9.02	30	
1,2-Dibromoethane	1.120	0.15	1	0	112	70	130	1.12	0	30	
1,2-Dichlorobenzene	1.200	0.15	1	0	120	70	130	1.19	0.837	30	
1,2-Dichloroethane	1.040	0.15	1	0	104	70	130	1.03	0.966	30	
1,2-Dichloropropane	1.130	0.15	1	0	113	70	130	1.12	0.889	30	
1,3,5-Trimethylbenzene	1.180	0.15	1	0	118	70	130	1.24	4.96	30	
1,3-butadiene	1.270	0.15	1	0	127	70	130	1.25	1.59	30	
1,3-Dichlorobenzene	1.210	0.15	1	0	121	70	130	1.29	6.40	30	
1,4-Dichlorobenzene	1.220	0.15	1	0	122	70	130	1.26	3.23	30	
1,4-Dioxane	1.070	0.30	1	0	107	70	130	1.09	1.85	30	
2,2,4-trimethylpentane	1.140	0.15	1	0	114	70	130	1.1	3.57	30	
4-ethyltoluene	1.140	0.15	1	0	114	70	130	1.18	3.45	30	

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 ND Spike Recovery outside accepted recovery limits
 E Estimated Value above quantitation range
 H Not Detected at the Limit of Detection
 R Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

Page 3 of 5

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: C1801001-001A MS	MSD	SampType:	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13097					
Client ID: Rm 134A	Batch ID: R13097		TestNo: TO-15		Analysis Date: 1/3/2018	SeqNo: 152284					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	6.400	0.30	1	8.19	-179	70	130	8.59	29.2	30	8
Allyl chloride	1.100	0.15	1	0	110	70	130	1.07	2.76	30	
Benzene	1.230	0.15	1	0.24	99.0	70	130	1.26	2.41	30	
Benzyl chloride	1.270	0.15	1	0	127	70	130	1.34	5.36	30	
Bromodichloromethane	1.140	0.15	1	0	114	70	130	1.1	3.57	30	
Bromoform	0.9500	0.15	1	0	95.0	70	130	0.97	2.08	30	
Bromomethane	1.070	0.15	1	0	107	70	130	1.03	3.81	30	
Carbon disulfide	1.040	0.15	1	0	104	70	130	1.05	0.957	30	
Carbon tetrachloride	1.110	0.040	1	0.11	100	70	130	1.12	0.897	30	
Chlorobenzene	1.020	0.15	1	0	102	70	130	1.05	2.90	30	
Chloroethane	1.040	0.15	1	0	104	70	130	0.97	6.97	30	
Chloroform	1.220	0.15	1	0.28	94.0	70	130	1.26	3.23	30	
Chloromethane	1.420	0.15	1	0.59	83.0	70	130	1.53	7.46	30	
cis-1,2-Dichloroethane	1.040	0.15	1	0	104	70	130	1.03	0.966	30	
cis-1,3-Dichloropropene	1.070	0.15	1	0	107	70	130	1.07	0	30	
Cyclohexane	1.180	0.15	1	0	118	70	130	1.15	2.58	30	
Dibromochloromethane	1.070	0.15	1	0	107	70	130	1.09	1.85	30	
Ethyl acetate	1.110	0.15	1	0.14	97.0	70	130	1.14	2.67	30	
Ethylbenzene	0.9600	0.15	1	0	96.0	70	130	1.01	5.08	30	
Freon 11	1.200	0.15	1	0.28	92.0	70	130	1.24	3.28	30	
Freon 113	1.180	0.15	1	0.11	107	70	130	1.21	2.51	30	
Freon 114	1.140	0.15	1	0	114	70	130	1.12	1.77	30	
Freon 12	1.430	0.15	1	0.6	83.0	70	130	1.53	6.76	30	
Heptane	1.160	0.15	1	0.12	104	70	130	1.21	4.22	30	
Hexachloro-1,3-butadiene	1.250	0.15	1	0	125	70	130	1.27	1.59	30	
Hexane	1.080	0.15	1	0.15	93.0	70	130	1.14	5.41	30	
Isopropyl alcohol	2.250	0.15	1	2	25.0	70	130	2.78	21.1	30	S
m&p-Xylene	2.110	0.30	2	0.11	100	70	130	2.22	5.08	30	
Methyl Butyl Ketone	1.230	0.30	1	0	123	70	130	1.25	1.61	30	
Methyl Ethyl Ketone	1.300	0.30	1	0.41	89.0	70	130	1.45	10.9	30	
Methyl Isobutyl Ketone	1.140	0.30	1	0	114	70	130	1.14	0	30	

Qualifiers: J Results reported are not blank corrected
 S Analyte detected below quantitation limit
 ND Estimated Value above quantitation range
 E Not Detected at the Limit of Detection
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

Page 4 of 5

CLIENT: LaBella Associates, P.C.

Work Order: C1801001

Project: 690 St Paul

TestCode: 0.25CT-TCE-VC

Sample ID: C1801001-001A MS	MSD	SampType:	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 13097					
Client ID: Rm 134A	Batch ID: R13097		TestNo: TO-15		Analysis Date: 1/3/2018	SeqNo: 152284					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.9800	0.15	1	0	98.0	70	130	0.98	0	30	
Methylene chloride	1.450	0.15	1	0.46	99.0	70	130	1.47	1.37	30	
o-Xylene	1.130	0.15	1	0	113	70	130	1.17	3.48	30	
Propylene	1.180	0.15	1	0	118	70	130	1.2	1.68	30	
Styrene	1.130	0.15	1	0	113	70	130	1.17	3.48	30	
Tetrachloroethylene	1.070	0.15	1	0	107	70	130	1.06	0.939	30	
Tetrahydrofuran	1.060	0.15	1	0	106	70	130	1.05	0.948	30	
Toluene	1.150	0.15	1	0.23	92.0	70	130	1.25	8.33	30	
trans-1,2-Dichloroethene	1.050	0.15	1	0	105	70	130	1.06	0.948	30	
trans-1,3-Dichloropropene	1.000	0.15	1	0	100	70	130	0.99	1.01	30	
Trichloroethene	0.9900	0.030	1	0	99.0	70	130	0.99	0	30	
Vinyl acetate	1.000	0.15	1	0	100	70	130	0.98	2.02	30	
Vinyl Bromide	1.060	0.15	1	0	106	70	130	1.01	4.83	30	
Vinyl chloride	1.050	0.040	1	0	105	70	130	1	4.88	30	

Qualifiers: Results reported are not blank corrected
 J Analyte detected below quantitation limit
 S Spike Recovery outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits



AOC #1 AND AOC#8 LABORATORY REPORTS

February 05, 2018

LaBella Associates, P.C.

Sample Delivery Group: L966342
Samples Received: 01/30/2018
Project Number: 209280
Description: 690 St. Paul GW - Jan 2018

Report To: Mr. Steven Rife
300 State Street, Suite 201
Rochester, NY 14614

Entire Report Reviewed By:



T. Alan Harvill

Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



BW-05 L966342-01 GW

Collected by
S. RifeCollected date/time
01/28/18 16:10Received date/time
01/30/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG1067896	1	01/30/18 12:06	01/30/18 12:06	DR
Wet Chemistry by Method 9060A	WG1067871	1	01/30/18 17:48	01/30/18 17:48	SJM
Metals (ICP) by Method 6010C	WG1067899	1	01/30/18 10:55	01/30/18 13:27	CCE
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067996	1	01/30/18 17:22	01/30/18 17:22	BMB

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

T. Alan Harvill
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate as (N)	758		100	1	01/30/2018 12:06	WG1067896
Sulfate	10400		5000	1	01/30/2018 12:06	WG1067896

Wet Chemistry by Method 9060A

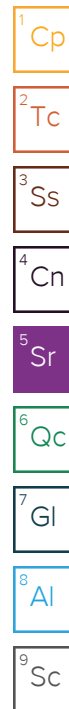
Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	8390		1000	1	01/30/2018 17:48	WG1067871

Metals (ICP) by Method 6010C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	10500		100	1	01/30/2018 13:27	WG1067899

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	83.3		50.0	1	01/30/2018 17:22	WG1067996
Benzene	ND		1.00	1	01/30/2018 17:22	WG1067996
Bromochloromethane	ND		1.00	1	01/30/2018 17:22	WG1067996
Bromodichloromethane	ND		1.00	1	01/30/2018 17:22	WG1067996
Bromoform	ND		1.00	1	01/30/2018 17:22	WG1067996
Bromomethane	ND		5.00	1	01/30/2018 17:22	WG1067996
Carbon disulfide	ND		1.00	1	01/30/2018 17:22	WG1067996
Carbon tetrachloride	ND		1.00	1	01/30/2018 17:22	WG1067996
Chlorobenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
Chlorodibromomethane	ND		1.00	1	01/30/2018 17:22	WG1067996
Chloroethane	ND		5.00	1	01/30/2018 17:22	WG1067996
Chloroform	ND		5.00	1	01/30/2018 17:22	WG1067996
Chloromethane	ND		2.50	1	01/30/2018 17:22	WG1067996
Cyclohexane	ND		1.00	1	01/30/2018 17:22	WG1067996
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/30/2018 17:22	WG1067996
1,2-Dibromoethane	ND		1.00	1	01/30/2018 17:22	WG1067996
1,2-Dichlorobenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
1,3-Dichlorobenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
1,4-Dichlorobenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
Dichlorodifluoromethane	ND		5.00	1	01/30/2018 17:22	WG1067996
1,1-Dichloroethane	ND		1.00	1	01/30/2018 17:22	WG1067996
1,2-Dichloroethane	ND		1.00	1	01/30/2018 17:22	WG1067996
1,1-Dichloroethene	ND		1.00	1	01/30/2018 17:22	WG1067996
cis-1,2-Dichloroethene	43.3		1.00	1	01/30/2018 17:22	WG1067996
trans-1,2-Dichloroethene	1.46		1.00	1	01/30/2018 17:22	WG1067996
1,2-Dichloropropane	ND		1.00	1	01/30/2018 17:22	WG1067996
cis-1,3-Dichloropropene	ND		1.00	1	01/30/2018 17:22	WG1067996
trans-1,3-Dichloropropene	ND		1.00	1	01/30/2018 17:22	WG1067996
Ethylbenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
2-Hexanone	ND		10.0	1	01/30/2018 17:22	WG1067996
Isopropylbenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
2-Butanone (MEK)	ND		10.0	1	01/30/2018 17:22	WG1067996
Methyl Acetate	ND		20.0	1	01/30/2018 17:22	WG1067996
Methyl Cyclohexane	ND		1.00	1	01/30/2018 17:22	WG1067996
Methylene Chloride	ND		5.00	1	01/30/2018 17:22	WG1067996
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/30/2018 17:22	WG1067996
Methyl tert-butyl ether	ND		1.00	1	01/30/2018 17:22	WG1067996
Naphthalene	ND		5.00	1	01/30/2018 17:22	WG1067996





Collected date/time: 01/28/18 16:10

L966342

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	ND		1.00	1	01/30/2018 17:22	WG1067996
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/30/2018 17:22	WG1067996
Tetrachloroethene	ND		1.00	1	01/30/2018 17:22	WG1067996
Toluene	ND		1.00	1	01/30/2018 17:22	WG1067996
1,2,3-Trichlorobenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
1,2,4-Trichlorobenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
1,1,1-Trichloroethane	ND		1.00	1	01/30/2018 17:22	WG1067996
1,1,2-Trichloroethane	ND		1.00	1	01/30/2018 17:22	WG1067996
Trichloroethene	ND		1.00	1	01/30/2018 17:22	WG1067996
Trichlorofluoromethane	ND		5.00	1	01/30/2018 17:22	WG1067996
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/30/2018 17:22	WG1067996
Vinyl chloride	199		1.00	1	01/30/2018 17:22	WG1067996
o-Xylene	ND		1.00	1	01/30/2018 17:22	WG1067996
m&p-Xylenes	ND		2.00	1	01/30/2018 17:22	WG1067996
n-Butylbenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
sec-Butylbenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
tert-Butylbenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
1,2,4-Trimethylbenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
1,3,5-Trimethylbenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
n-Propylbenzene	ND		1.00	1	01/30/2018 17:22	WG1067996
p-Isopropyltoluene	ND		1.00	1	01/30/2018 17:22	WG1067996
(S) Toluene-d8	104		80.0-120		01/30/2018 17:22	WG1067996
(S) Dibromofluoromethane	94.8		76.0-123		01/30/2018 17:22	WG1067996
(S) a,a,a-Trifluorotoluene	99.6		80.0-120		01/30/2018 17:22	WG1067996
(S) 4-Bromofluorobenzene	108		80.0-120		01/30/2018 17:22	WG1067996

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3282839-1 01/30/18 06:40

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Nitrate	U		22.7	100
Sulfate	U		77.4	5000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L966282-01 Original Sample (OS) • Duplicate (DUP)

(OS) L966282-01 01/30/18 12:20 • (DUP) R3282839-4 01/30/18 12:34

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate	981	1010	1	2.56		15
Sulfate	ND	2560	1	0		15

L966301-01 Original Sample (OS) • Duplicate (DUP)

(OS) L966301-01 01/30/18 17:08 • (DUP) R3282839-7 01/30/18 17:23

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate	ND	39.2	1	0		15
Sulfate	ND	1220	1	0		15

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282839-2 01/30/18 06:54 • (LCSD) R3282839-3 01/30/18 07:09

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Nitrate	8000	8160	8140	102	102	80-120			0.211	15
Sulfate	40000	40800	40600	102	101	80-120			0.433	15

L966282-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L966282-01 01/30/18 12:20 • (MS) R3282839-5 01/30/18 12:49 • (MSD) R3282839-6 01/30/18 13:03

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Nitrate	5000	981	6010	6090	100	102	1	80-120			1.37	15
Sulfate	50000	ND	53300	53200	101	101	1	80-120			0.114	15



L966301-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L966301-01 01/30/18 17:08 • (MS) R3282839-8 01/30/18 17:37

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Nitrate	5000	ND	5030	99.8	1	80-120	
Sulfate	50000	ND	52800	103	1	80-120	

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Method Blank (MB)

(MB) R3282889-1 01/30/18 11:00

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	U		102	1000

L966284-01 Original Sample (OS) • Duplicate (DUP)

(OS) L966284-01 01/30/18 13:47 • (DUP) R3282889-3 01/30/18 14:13

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	938	651	1	36.1	J P1	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282889-2 01/30/18 12:32 • (LCSD) R3282889-4 01/30/18 15:02

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
TOC (Total Organic Carbon)	75000	73800	74400	98.4	99.2	85-115			0.796	20

L966289-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L966289-01 01/30/18 16:24 • (MS) R3282889-5 01/30/18 16:47 • (MSD) R3282889-6 01/30/18 17:06

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	50000	2130	49700	49500	95.1	94.7	1	80-120			0.363	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R3282707-1 01/30/18 12:43

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	U		14.1	100

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282707-2 01/30/18 12:46 • (LCSD) R3282707-3 01/30/18 12:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Iron	10000	9760	9700	97.6	97	80-120			0.657	20

L966300-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L966300-01 01/30/18 12:52 • (MS) R3282707-5 01/30/18 12:59 • (MSD) R3282707-6 01/30/18 13:02

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	10000	ND	9770	9810	96.9	97.2	1	75-125			0.347	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3282862-3 01/30/18 12:35

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Acetone	U		10.0	50.0
Benzene	U		0.331	1.00
Bromodichloromethane	U		0.380	1.00
Bromochloromethane	U		0.520	1.00
Bromoform	U		0.469	1.00
Bromomethane	U		0.866	5.00
n-Butylbenzene	U		0.361	1.00
sec-Butylbenzene	U		0.365	1.00
tert-Butylbenzene	U		0.399	1.00
Carbon disulfide	U		0.275	1.00
Carbon tetrachloride	U		0.379	1.00
Chlorobenzene	U		0.348	1.00
Chlorodibromomethane	U		0.327	1.00
Chloroethane	U		0.453	5.00
Chloroform	U		0.324	5.00
Chloromethane	U		0.276	2.50
Cyclohexane	U		0.390	1.00
1,2-Dibromo-3-Chloropropane	U		1.33	5.00
1,2-Dibromoethane	U		0.381	1.00
1,2-Dichlorobenzene	U		0.349	1.00
1,3-Dichlorobenzene	U		0.220	1.00
1,4-Dichlorobenzene	U		0.274	1.00
Dichlorodifluoromethane	U		0.551	5.00
1,1-Dichloroethane	U		0.259	1.00
1,2-Dichloroethane	U		0.361	1.00
1,1-Dichloroethene	U		0.398	1.00
cis-1,2-Dichloroethene	U		0.260	1.00
trans-1,2-Dichloroethene	U		0.396	1.00
1,2-Dichloropropane	U		0.306	1.00
cis-1,3-Dichloropropene	U		0.418	1.00
trans-1,3-Dichloropropene	U		0.419	1.00
Ethylbenzene	U		0.384	1.00
2-Hexanone	U		3.82	10.0
Isopropylbenzene	U		0.326	1.00
p-Isopropyltoluene	U		0.350	1.00
2-Butanone (MEK)	U		3.93	10.0
Methyl Acetate	U		4.30	20.0
Methyl Cyclohexane	U		0.380	1.00
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc



Method Blank (MB)

(MB) R3282862-3 01/30/18 12:35

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.349	1.00
Styrene	U		0.307	1.00
1,1,2,2-Tetrachloroethane	U		0.130	1.00
Tetrachloroethene	U		0.372	1.00
Toluene	U		0.412	1.00
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.355	1.00
1,1,1-Trichloroethane	U		0.319	1.00
1,1,2-Trichloroethane	U		0.383	1.00
Trichloroethene	U		0.398	1.00
Trichlorofluoromethane	U		1.20	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Vinyl chloride	U		0.259	1.00
o-Xylene	U		0.341	1.00
m&p-Xylenes	U		0.719	2.00
(S) Toluene-d8	104			80.0-120
(S) Dibromofluoromethane	89.6			76.0-123
(S) a,a,a-Trifluorotoluene	100			80.0-120
(S) 4-Bromofluorobenzene	107			80.0-120

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282862-1 01/30/18 11:35 • (LCSD) R3282862-2 01/30/18 11:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	125	119	115	95.1	91.9	10.0-160			3.41	23
Benzene	25.0	24.2	23.1	96.9	92.4	69.0-123			4.75	20
Bromodichloromethane	25.0	26.3	25.1	105	101	76.0-120			4.43	20
Bromochloromethane	25.0	26.6	24.2	106	96.7	76.0-122			9.42	20
Bromoform	25.0	26.1	26.0	104	104	67.0-132			0.239	20
Bromomethane	25.0	22.6	21.4	90.2	85.5	18.0-160			5.39	20
n-Butylbenzene	25.0	26.7	27.1	107	108	72.0-126			1.37	20
sec-Butylbenzene	25.0	27.1	27.7	108	111	74.0-121			2.28	20
tert-Butylbenzene	25.0	26.6	27.1	107	108	75.0-122			1.78	20
Carbon disulfide	25.0	23.7	22.9	94.8	91.6	55.0-127			3.40	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282862-1 01/30/18 11:35 • (LCSD) R3282862-2 01/30/18 11:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Carbon tetrachloride	25.0	24.9	22.6	99.8	90.4	63.0-122			9.86	20
Chlorobenzene	25.0	27.6	27.2	111	109	79.0-121			1.52	20
Chlorodibromomethane	25.0	27.5	27.1	110	108	75.0-125			1.27	20
Chloroethane	25.0	23.1	22.8	92.4	91.1	47.0-152			1.49	20
Chloroform	25.0	25.7	23.8	103	95.3	72.0-121			7.45	20
Chloromethane	25.0	25.0	23.8	99.9	95.3	48.0-139			4.72	20
Cyclohexane	25.0	24.3	23.8	97.3	95.3	70.0-130			2.04	20
1,2-Dibromo-3-Chloropropane	25.0	26.4	25.8	106	103	64.0-127			2.38	20
1,2-Dibromoethane	25.0	27.8	26.8	111	107	77.0-123			3.61	20
1,2-Dichlorobenzene	25.0	26.2	26.0	105	104	80.0-120			0.715	20
1,3-Dichlorobenzene	25.0	26.5	26.2	106	105	72.0-123			1.28	20
1,4-Dichlorobenzene	25.0	25.8	25.4	103	102	77.0-120			1.56	20
Dichlorodifluoromethane	25.0	36.1	34.3	145	137	49.0-155			5.15	20
1,1-Dichloroethane	25.0	24.2	23.6	96.9	94.5	70.0-126			2.49	20
1,2-Dichloroethane	25.0	25.0	23.9	100	95.8	67.0-126			4.35	20
1,1-Dichloroethene	25.0	24.3	24.0	97.1	96.0	64.0-129			1.11	20
cis-1,2-Dichloroethene	25.0	23.7	23.2	94.9	92.6	73.0-120			2.46	20
trans-1,2-Dichloroethene	25.0	24.6	23.4	98.5	93.7	71.0-121			5.07	20
1,2-Dichloropropane	25.0	26.7	25.7	107	103	75.0-125			3.90	20
cis-1,3-Dichloropropene	25.0	27.6	27.0	110	108	79.0-123			2.41	20
trans-1,3-Dichloropropene	25.0	28.4	28.0	114	112	74.0-127			1.56	20
Ethylbenzene	25.0	28.2	26.8	113	107	77.0-120			5.16	20
2-Hexanone	125	135	131	108	105	58.0-147			2.35	20
Isopropylbenzene	25.0	26.4	26.7	106	107	75.0-120			1.40	20
p-Isopropyltoluene	25.0	26.8	27.8	107	111	74.0-126			3.92	20
2-Butanone (MEK)	125	119	112	95.0	89.5	37.0-158			5.99	20
Methyl Acetate	125	122	117	97.9	93.7	70.0-130			4.41	20
Methyl Cyclohexane	25.0	25.6	25.4	102	101	70.0-130			0.896	20
Methylene Chloride	25.0	22.9	22.2	91.5	88.9	66.0-121			2.98	20
4-Methyl-2-pentanone (MIBK)	125	143	137	114	110	59.0-143			3.89	20
Methyl tert-butyl ether	25.0	23.9	23.1	95.7	92.2	64.0-123			3.68	20
Naphthalene	25.0	26.2	27.1	105	108	62.0-128			3.29	20
n-Propylbenzene	25.0	26.2	26.7	105	107	79.0-120			1.82	20
Styrene	25.0	26.1	26.1	104	104	78.0-124			0.0344	20
1,1,2,2-Tetrachloroethane	25.0	26.0	26.0	104	104	71.0-122			0.132	20
Tetrachloroethene	25.0	28.5	27.9	114	112	70.0-127			2.14	20
Toluene	25.0	26.9	25.9	107	104	77.0-120			3.53	20
1,1,2-Trichlorotrifluoroethane	25.0	26.4	24.6	105	98.5	61.0-136			6.81	20
1,2,3-Trichlorobenzene	25.0	26.6	26.5	106	106	61.0-133			0.223	20
1,2,4-Trichlorobenzene	25.0	26.6	26.5	106	106	69.0-129			0.360	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282862-1 01/30/18 11:35 • (LCSD) R3282862-2 01/30/18 11:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
1,1,1-Trichloroethane	25.0	25.5	24.3	102	97.0	68.0-122			5.13	20
1,1,2-Trichloroethane	25.0	27.6	27.2	110	109	78.0-120			1.32	20
Trichloroethene	25.0	27.5	26.3	110	105	78.0-120			4.56	20
Trichlorofluoromethane	25.0	25.2	23.6	101	94.5	56.0-137			6.33	20
1,2,4-Trimethylbenzene	25.0	26.8	26.3	107	105	75.0-120			1.62	20
1,3,5-Trimethylbenzene	25.0	25.8	26.4	103	106	75.0-120			2.24	20
Vinyl chloride	25.0	28.2	26.7	113	107	64.0-133			5.55	20
o-Xylene	25.0	28.5	27.0	114	108	78.0-120			5.31	20
m&p-Xylenes	50.0	55.9	55.9	112	112	77.0-120			0.00742	20
(S) Toluene-d8				99.9	101	80.0-120				
(S) Dibromofluoromethane				89.0	89.1	76.0-123				
(S) a,a,a-Trifluorotoluene				98.6	101	80.0-120				
(S) 4-Bromofluorobenzene				99.7	102	80.0-120				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J	The identification of the analyte is acceptable; the reported value is an estimate.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ^{1 4}	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

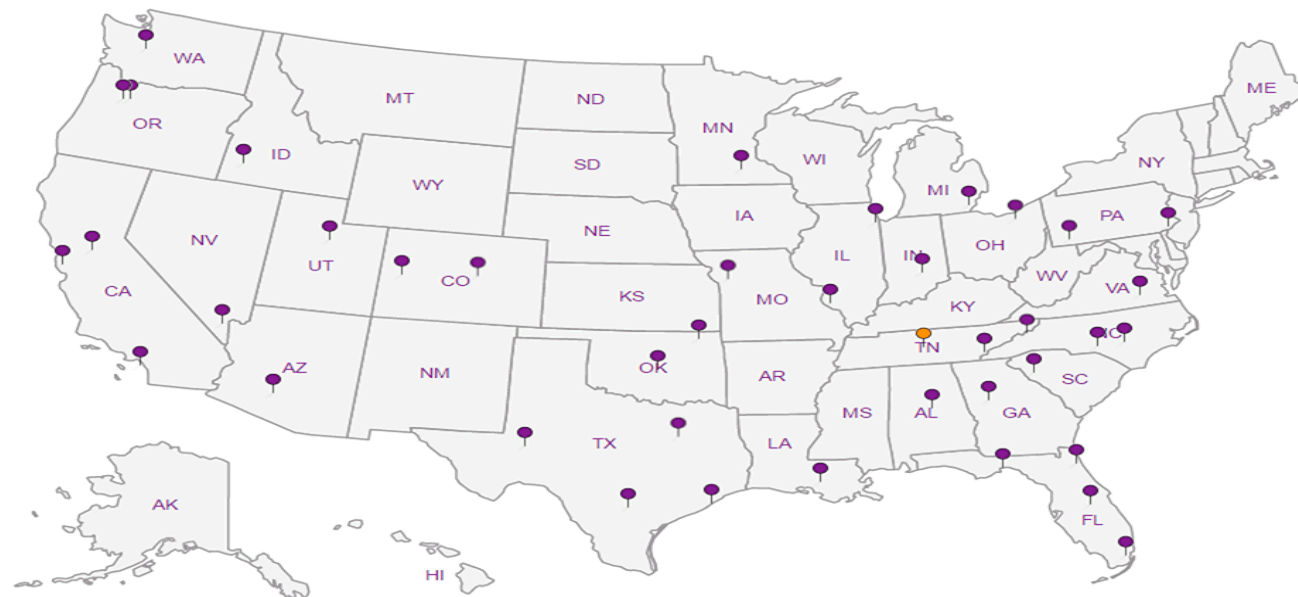
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP, LLC	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold n/a Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



LaBella Associates, P.C. 300 State Street, Suite 201 Rochester, NY 14614				Billing Information: Attn: Accounts Payable 300 State St., Ste. 201 Rochester, NY 14614				Pres Chk 23		Analysis / Container / Preservative						Chain of Custody Page <u>1</u> of <u>1</u>	
				Report to: Mr. Steven Rife ; Michael Pelychaty				Email To: srife@labellapc.com ; mpelychaty				 ESC L.A.B. S.C.I.E.N.C.E.S. a subsidiary of P. Associates 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859					
Project Description: 690 St. Paul BCP - July 2017				City/State Collected: Rochester NY				FEICP 250mlHDPE-HNO3 TOC 250mlAmb-HCl V8260TCLC 40mlAmb-HCl V8260TCLC 40mlAmb-HCl-Bik WetChem 125mlHDPE-NoPres L# 966342 A141 Acctnum: LABRNY Template: T131656 Prelogin: P635317 TSR: 364 - T. Alan Harvill PB: 1-15-186 Shipped Via: FedEX Ground									
Phone: 585-454-6643		Client Project # 209280		Lab Project # LABRNY-209280													
Fax:		Site/Facility ID #		P.O. #													
Collected by (print): S. Rife		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day		Quote #													
Collected by (signature): <i>[Signature]</i> Immediately Packed on Ice N <u>Y</u>		Date Results Needed		No. of Cntrs													
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time												
BW-04		GW				5	X	X	X	X							
RW-05	G	GW	-	1/28/18	1610	5	X	X	X	X							
BW-06		GW				5	X	X	X	X							
BW-07		GW				5	X	X	X	X							
BW-09		GW				5	X	X	X	X							
BW-10		GW				5	X	X	X	X							
BW-11		GW				5	X	X	X	X							
BW-12		GW				5	X	X	X	X							
BW-19		GW				5	X	X	X	X							
BW-20		GW				5	X	X	X	X							
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks: *NYS EQUIS EDD; ASP CAT B RPT*				pH _____ Temp _____ Flow _____ Other _____				Sample Receipt Checklist COC Seal Present/Intact: <u>Y</u> ☐ N ☐ COC Signed/Accurate: <u>Y</u> ☐ N ☐ Bottles arrive intact: <u>Y</u> ☐ N ☐ Correct bottles used: <u>Y</u> ☐ N ☐ Sufficient volume sent: <u>Y</u> ☐ N ☐ If Applicable VOA Zero Headspace: <u>Y</u> ☐ N ☐ Preservation Correct/Checked: <u>Y</u> ☐ N ☐					
Samples returned via: ☐ UPS ☐ FedEx ☐ Courier				Tracking # 5413 4740 5676													
Relinquished by: (Signature) <i>[Signature]</i>		Date: 1/28/2018		Time: 1730		Received by: (Signature)		Trip Blank Received: Yes/No ☒ HCL / MeOH TBR									
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Temp: 40% °C Bottles Received: 5		If preservation required by Login: Date/Time							
Relinquished by: (Signature)		Date:		Time:		Received for lab by: (Signature) <i>[Signature]</i> 867		Date: 1/30/18 Time: 845		Hold:		Condition: NCF 100					

LaBella Associates, P.C.

Sample Delivery Group: L966032
Samples Received: 01/27/2018
Project Number: 209280
Description: 690 St. Paul GW - Jan 2018

Report To: Mr. Steven Rife
300 State Street, Suite 201
Rochester, NY 14614

Entire Report Reviewed By:



T. Alan Harvill

Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



BW-11 L966032-01 GW

Collected by
S. Rife

Collected date/time
01/26/18 11:00

Received date/time
01/27/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG1067325	1	01/27/18 18:07	01/27/18 18:07	DR
Wet Chemistry by Method 9056A	WG1067413	5	01/28/18 17:03	01/28/18 17:03	DR
Wet Chemistry by Method 9060A	WG1067389	1	01/28/18 15:00	01/28/18 15:00	SJM
Metals (ICP) by Method 6010C	WG1067323	1	01/28/18 18:54	01/29/18 10:13	CCE
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/28/18 00:17	01/28/18 00:17	BMB

¹ Cp

² Tc

³ Ss

⁴ Cn

BW-4 L966032-02 GW

Collected by
S. Rife

Collected date/time
01/26/18 13:00

Received date/time
01/27/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG1067325	1	01/27/18 18:20	01/27/18 18:20	DR
Wet Chemistry by Method 9056A	WG1067910	1	01/30/18 21:23	01/30/18 21:23	MAJ
Wet Chemistry by Method 9060A	WG1067871	1	01/30/18 13:27	01/30/18 13:27	SJM
Metals (ICP) by Method 6010C	WG1067323	1	01/28/18 18:54	01/29/18 10:30	CCE
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/28/18 00:37	01/28/18 00:37	BMB
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1068798	10	02/01/18 08:43	02/01/18 08:43	RAS

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

BW-9 L966032-03 GW

Collected by
S. Rife

Collected date/time
01/26/18 14:20

Received date/time
01/27/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG1067325	1	01/27/18 18:33	01/27/18 18:33	DR
Wet Chemistry by Method 9056A	WG1067910	1	01/30/18 21:52	01/30/18 21:52	MAJ
Wet Chemistry by Method 9060A	WG1067389	1	01/28/18 15:33	01/28/18 15:33	SJM
Metals (ICP) by Method 6010C	WG1067323	1	01/28/18 18:54	01/29/18 10:33	CCE
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/28/18 00:57	01/28/18 00:57	BMB
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1068798	1	02/01/18 07:25	02/01/18 07:25	RAS

BW-10 L966032-04 GW

Collected by
S. Rife

Collected date/time
01/26/18 15:25

Received date/time
01/27/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG1067413	1	01/28/18 14:22	01/28/18 14:22	DR
Wet Chemistry by Method 9056A	WG1067910	1	01/30/18 22:02	01/30/18 22:02	MAJ
Wet Chemistry by Method 9060A	WG1067389	1	01/28/18 16:44	01/28/18 16:44	SJM
Metals (ICP) by Method 6010C	WG1067323	1	01/28/18 18:54	01/29/18 10:45	CCE
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/28/18 01:17	01/28/18 01:17	BMB
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1068798	1	02/01/18 07:45	02/01/18 07:45	RAS

BW-12 L966032-05 GW

Collected by
S. Rife

Collected date/time
01/26/18 16:45

Received date/time
01/27/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG1067413	1	01/28/18 14:36	01/28/18 14:36	DR
Wet Chemistry by Method 9056A	WG1067910	5	01/31/18 09:33	01/31/18 09:33	MAJ
Wet Chemistry by Method 9060A	WG1067389	1	01/28/18 16:55	01/28/18 16:55	SJM
Metals (ICP) by Method 6010C	WG1067323	1	01/28/18 18:54	01/29/18 10:48	CCE
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/28/18 01:36	01/28/18 01:36	BMB

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



BW-21 L966032-06 GW

			Collected by S. Rife	Collected date/time 01/26/18 14:55	Received date/time 01/27/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/28/18 01:56	01/28/18 01:56	BMB

¹ Cp

² Tc

³ Ss

BW-7A L966032-07 GW

			Collected by S. Rife	Collected date/time 01/26/18 14:05	Received date/time 01/27/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/28/18 02:16	01/28/18 02:16	BMB
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1068798	20	02/01/18 09:02	02/01/18 09:02	RAS

⁴ Cn

⁵ Sr

⁶ Qc

BW-8 L966032-08 GW

			Collected by S. Rife	Collected date/time 01/26/18 13:50	Received date/time 01/27/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/28/18 02:36	01/28/18 02:36	BMB

⁷ Gl

⁸ Al

MW-12 L966032-09 GW

			Collected by S. Rife	Collected date/time 01/26/18 13:22	Received date/time 01/27/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/28/18 02:56	01/28/18 02:56	BMB

⁹ Sc

MW-13 L966032-10 GW

			Collected by S. Rife	Collected date/time 01/26/18 14:26	Received date/time 01/27/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/28/18 03:16	01/28/18 03:16	BMB



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

T. Alan Harvill
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate as (N)	1060		100	1	01/27/2018 18:07	WG1067325
Sulfate	130000		25000	5	01/28/2018 17:03	WG1067413

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4120		1000	1	01/28/2018 15:00	WG1067389

Metals (ICP) by Method 6010C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	232		100	1	01/29/2018 10:13	WG1067323

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	JO	50.0	1	01/28/2018 00:17	WG1067225
Benzene	ND		1.00	1	01/28/2018 00:17	WG1067225
Bromochloromethane	ND		1.00	1	01/28/2018 00:17	WG1067225
Bromodichloromethane	ND		1.00	1	01/28/2018 00:17	WG1067225
Bromoform	ND		1.00	1	01/28/2018 00:17	WG1067225
Bromomethane	ND		5.00	1	01/28/2018 00:17	WG1067225
Carbon disulfide	ND		1.00	1	01/28/2018 00:17	WG1067225
Carbon tetrachloride	ND		1.00	1	01/28/2018 00:17	WG1067225
Chlorobenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
Chlorodibromomethane	ND		1.00	1	01/28/2018 00:17	WG1067225
Chloroethane	ND		5.00	1	01/28/2018 00:17	WG1067225
Chloroform	ND		5.00	1	01/28/2018 00:17	WG1067225
Chloromethane	ND		2.50	1	01/28/2018 00:17	WG1067225
Cyclohexane	ND		1.00	1	01/28/2018 00:17	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/28/2018 00:17	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/28/2018 00:17	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/28/2018 00:17	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/28/2018 00:17	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/28/2018 00:17	WG1067225
1,1-Dichloroethene	ND		1.00	1	01/28/2018 00:17	WG1067225
cis-1,2-Dichloroethene	60.4		1.00	1	01/28/2018 00:17	WG1067225
trans-1,2-Dichloroethene	ND		1.00	1	01/28/2018 00:17	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/28/2018 00:17	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/28/2018 00:17	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/28/2018 00:17	WG1067225
Ethylbenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
2-Hexanone	ND		10.0	1	01/28/2018 00:17	WG1067225
Isopropylbenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/28/2018 00:17	WG1067225
Methyl Acetate	ND		20.0	1	01/28/2018 00:17	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/28/2018 00:17	WG1067225
Methylene Chloride	ND		5.00	1	01/28/2018 00:17	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/28/2018 00:17	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/28/2018 00:17	WG1067225
Naphthalene	ND		5.00	1	01/28/2018 00:17	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 01/26/18 11:00

L966032

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	ND		1.00	1	01/28/2018 00:17	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/28/2018 00:17	WG1067225
Tetrachloroethene	ND		1.00	1	01/28/2018 00:17	WG1067225
Toluene	ND		1.00	1	01/28/2018 00:17	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/28/2018 00:17	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/28/2018 00:17	WG1067225
Trichloroethene	25.7		1.00	1	01/28/2018 00:17	WG1067225
Trichlorofluoromethane	ND		5.00	1	01/28/2018 00:17	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/28/2018 00:17	WG1067225
Vinyl chloride	ND		1.00	1	01/28/2018 00:17	WG1067225
o-Xylene	ND		1.00	1	01/28/2018 00:17	WG1067225
m&p-Xylenes	ND		2.00	1	01/28/2018 00:17	WG1067225
n-Butylbenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
sec-Butylbenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
tert-Butylbenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
1,3,5-Trimethylbenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
n-Propylbenzene	ND		1.00	1	01/28/2018 00:17	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/28/2018 00:17	WG1067225
(S) Toluene-d8	104		80.0-120		01/28/2018 00:17	WG1067225
(S) Dibromofluoromethane	90.1		76.0-123		01/28/2018 00:17	WG1067225
(S) a,a,a-Trifluorotoluene	96.3		80.0-120		01/28/2018 00:17	WG1067225
(S) 4-Bromofluorobenzene	102		80.0-120		01/28/2018 00:17	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	01/27/2018 18:20	WG1067325
Sulfate	51300		5000	1	01/30/2018 21:23	WG1067910

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	5830		1000	1	01/30/2018 13:27	WG1067871

Metals (ICP) by Method 6010C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	3260		100	1	01/29/2018 10:30	WG1067323

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	JO	50.0	1	01/28/2018 00:37	WG1067225
Benzene	ND		1.00	1	01/28/2018 00:37	WG1067225
Bromochloromethane	ND		1.00	1	01/28/2018 00:37	WG1067225
Bromodichloromethane	ND		1.00	1	01/28/2018 00:37	WG1067225
Bromoform	ND		1.00	1	01/28/2018 00:37	WG1067225
Bromomethane	ND		5.00	1	01/28/2018 00:37	WG1067225
Carbon disulfide	ND		1.00	1	01/28/2018 00:37	WG1067225
Carbon tetrachloride	ND		1.00	1	01/28/2018 00:37	WG1067225
Chlorobenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
Chlorodibromomethane	ND		1.00	1	01/28/2018 00:37	WG1067225
Chloroethane	ND		5.00	1	01/28/2018 00:37	WG1067225
Chloroform	ND		5.00	1	01/28/2018 00:37	WG1067225
Chloromethane	ND		2.50	1	01/28/2018 00:37	WG1067225
Cyclohexane	ND		1.00	1	01/28/2018 00:37	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/28/2018 00:37	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/28/2018 00:37	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/28/2018 00:37	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/28/2018 00:37	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/28/2018 00:37	WG1067225
1,1-Dichloroethene	2.00		1.00	1	01/28/2018 00:37	WG1067225
cis-1,2-Dichloroethene	368		10.0	10	02/01/2018 08:43	WG1068798
trans-1,2-Dichloroethene	1.90		1.00	1	01/28/2018 00:37	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/28/2018 00:37	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/28/2018 00:37	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/28/2018 00:37	WG1067225
Ethylbenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
2-Hexanone	ND		10.0	1	01/28/2018 00:37	WG1067225
Isopropylbenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/28/2018 00:37	WG1067225
Methyl Acetate	ND		20.0	1	01/28/2018 00:37	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/28/2018 00:37	WG1067225
Methylene Chloride	ND		5.00	1	01/28/2018 00:37	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/28/2018 00:37	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/28/2018 00:37	WG1067225
Naphthalene	ND		5.00	1	01/28/2018 00:37	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 01/26/18 13:00

L966032

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	ND		1.00	1	01/28/2018 00:37	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/28/2018 00:37	WG1067225
Tetrachloroethene	ND		1.00	1	01/28/2018 00:37	WG1067225
Toluene	ND		1.00	1	01/28/2018 00:37	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/28/2018 00:37	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/28/2018 00:37	WG1067225
Trichloroethene	42.7		1.00	1	01/28/2018 00:37	WG1067225
Trichlorofluoromethane	ND		5.00	1	01/28/2018 00:37	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/28/2018 00:37	WG1067225
Vinyl chloride	326		10.0	10	02/01/2018 08:43	WG1068798
o-Xylene	ND		1.00	1	01/28/2018 00:37	WG1067225
m&p-Xylenes	ND		2.00	1	01/28/2018 00:37	WG1067225
n-Butylbenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
sec-Butylbenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
tert-Butylbenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
1,3,5-Trimethylbenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
n-Propylbenzene	ND		1.00	1	01/28/2018 00:37	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/28/2018 00:37	WG1067225
(S) Toluene-d8	98.5		80.0-120		01/28/2018 00:37	WG1067225
(S) Toluene-d8	107		80.0-120		02/01/2018 08:43	WG1068798
(S) Dibromofluoromethane	94.2		76.0-123		02/01/2018 08:43	WG1068798
(S) Dibromofluoromethane	89.3		76.0-123		01/28/2018 00:37	WG1067225
(S) a,a,a-Trifluorotoluene	99.9		80.0-120		01/28/2018 00:37	WG1067225
(S) a,a,a-Trifluorotoluene	103		80.0-120		02/01/2018 08:43	WG1068798
(S) 4-Bromofluorobenzene	92.7		80.0-120		02/01/2018 08:43	WG1068798
(S) 4-Bromofluorobenzene	105		80.0-120		01/28/2018 00:37	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate as (N)	192		100	1	01/27/2018 18:33	WG1067325
Sulfate	77600		5000	1	01/30/2018 21:52	WG1067910

Sample Narrative:

L966032-03 WG1067325: nitrate confirmed OOH

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4460		1000	1	01/28/2018 15:33	WG1067389

Metals (ICP) by Method 6010C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	173		100	1	01/29/2018 10:33	WG1067323

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	JO	50.0	1	01/28/2018 00:57	WG1067225
Benzene	ND		1.00	1	01/28/2018 00:57	WG1067225
Bromochloromethane	ND		1.00	1	01/28/2018 00:57	WG1067225
Bromodichloromethane	ND		1.00	1	01/28/2018 00:57	WG1067225
Bromoform	ND		1.00	1	01/28/2018 00:57	WG1067225
Bromomethane	ND		5.00	1	01/28/2018 00:57	WG1067225
Carbon disulfide	ND		1.00	1	01/28/2018 00:57	WG1067225
Carbon tetrachloride	ND		1.00	1	01/28/2018 00:57	WG1067225
Chlorobenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
Chlorodibromomethane	ND		1.00	1	01/28/2018 00:57	WG1067225
Chloroethane	ND		5.00	1	01/28/2018 00:57	WG1067225
Chloroform	ND		5.00	1	01/28/2018 00:57	WG1067225
Chloromethane	ND		2.50	1	01/28/2018 00:57	WG1067225
Cyclohexane	ND		1.00	1	01/28/2018 00:57	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/28/2018 00:57	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/28/2018 00:57	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/28/2018 00:57	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/28/2018 00:57	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/28/2018 00:57	WG1067225
1,1-Dichloroethene	ND		1.00	1	01/28/2018 00:57	WG1067225
cis-1,2-Dichloroethene	ND		1.00	1	02/01/2018 07:25	WG1068798
trans-1,2-Dichloroethene	ND		1.00	1	01/28/2018 00:57	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/28/2018 00:57	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/28/2018 00:57	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/28/2018 00:57	WG1067225
Ethylbenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
2-Hexanone	ND		10.0	1	01/28/2018 00:57	WG1067225
Isopropylbenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/28/2018 00:57	WG1067225
Methyl Acetate	ND		20.0	1	01/28/2018 00:57	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/28/2018 00:57	WG1067225
Methylene Chloride	ND		5.00	1	01/28/2018 00:57	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 01/26/18 14:20

L966032

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/28/2018 00:57	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/28/2018 00:57	WG1067225
Naphthalene	ND		5.00	1	01/28/2018 00:57	WG1067225
Styrene	ND		1.00	1	01/28/2018 00:57	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/28/2018 00:57	WG1067225
Tetrachloroethene	ND		1.00	1	01/28/2018 00:57	WG1067225
Toluene	ND		1.00	1	01/28/2018 00:57	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/28/2018 00:57	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/28/2018 00:57	WG1067225
Trichloroethene	4.29		1.00	1	01/28/2018 00:57	WG1067225
Trichlorofluoromethane	ND		5.00	1	01/28/2018 00:57	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/28/2018 00:57	WG1067225
Vinyl chloride	ND		1.00	1	01/28/2018 00:57	WG1067225
o-Xylene	ND		1.00	1	01/28/2018 00:57	WG1067225
m&p-Xylenes	ND		2.00	1	01/28/2018 00:57	WG1067225
n-Butylbenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
sec-Butylbenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
tert-Butylbenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
1,3,5-Trimethylbenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
n-Propylbenzene	ND		1.00	1	01/28/2018 00:57	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/28/2018 00:57	WG1067225
(S) Toluene-d8	103		80.0-120		02/01/2018 07:25	WG1068798
(S) Toluene-d8	103		80.0-120		01/28/2018 00:57	WG1067225
(S) Dibromofluoromethane	92.9		76.0-123		02/01/2018 07:25	WG1068798
(S) Dibromofluoromethane	88.7		76.0-123		01/28/2018 00:57	WG1067225
(S) a,a,a-Trifluorotoluene	101		80.0-120		02/01/2018 07:25	WG1068798
(S) a,a,a-Trifluorotoluene	98.7		80.0-120		01/28/2018 00:57	WG1067225
(S) 4-Bromofluorobenzene	92.0		80.0-120		02/01/2018 07:25	WG1068798
(S) 4-Bromofluorobenzene	103		80.0-120		01/28/2018 00:57	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate as (N)	212		100	1	01/28/2018 14:22	WG1067413
Sulfate	70100		5000	1	01/30/2018 22:02	WG1067910

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	2420		1000	1	01/28/2018 16:44	WG1067389

Metals (ICP) by Method 6010C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	ND		100	1	01/29/2018 10:45	WG1067323

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	JO	50.0	1	01/28/2018 01:17	WG1067225
Benzene	ND		1.00	1	01/28/2018 01:17	WG1067225
Bromochloromethane	ND		1.00	1	01/28/2018 01:17	WG1067225
Bromodichloromethane	ND		1.00	1	01/28/2018 01:17	WG1067225
Bromoform	ND		1.00	1	01/28/2018 01:17	WG1067225
Bromomethane	ND		5.00	1	01/28/2018 01:17	WG1067225
Carbon disulfide	ND		1.00	1	01/28/2018 01:17	WG1067225
Carbon tetrachloride	ND		1.00	1	01/28/2018 01:17	WG1067225
Chlorobenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
Chlorodibromomethane	ND		1.00	1	01/28/2018 01:17	WG1067225
Chloroethane	ND		5.00	1	01/28/2018 01:17	WG1067225
Chloroform	ND		5.00	1	01/28/2018 01:17	WG1067225
Chloromethane	ND		2.50	1	01/28/2018 01:17	WG1067225
Cyclohexane	ND		1.00	1	01/28/2018 01:17	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/28/2018 01:17	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/28/2018 01:17	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/28/2018 01:17	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/28/2018 01:17	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/28/2018 01:17	WG1067225
1,1-Dichloroethene	ND		1.00	1	01/28/2018 01:17	WG1067225
cis-1,2-Dichloroethene	ND		1.00	1	02/01/2018 07:45	WG1068798
trans-1,2-Dichloroethene	ND		1.00	1	01/28/2018 01:17	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/28/2018 01:17	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/28/2018 01:17	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/28/2018 01:17	WG1067225
Ethylbenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
2-Hexanone	ND		10.0	1	01/28/2018 01:17	WG1067225
Isopropylbenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/28/2018 01:17	WG1067225
Methyl Acetate	ND		20.0	1	01/28/2018 01:17	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/28/2018 01:17	WG1067225
Methylene Chloride	ND		5.00	1	01/28/2018 01:17	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/28/2018 01:17	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/28/2018 01:17	WG1067225
Naphthalene	ND		5.00	1	01/28/2018 01:17	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 01/26/18 15:25

L966032

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	ND		1.00	1	01/28/2018 01:17	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/28/2018 01:17	WG1067225
Tetrachloroethene	ND		1.00	1	01/28/2018 01:17	WG1067225
Toluene	ND		1.00	1	01/28/2018 01:17	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/28/2018 01:17	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/28/2018 01:17	WG1067225
Trichloroethene	3.22		1.00	1	01/28/2018 01:17	WG1067225
Trichlorofluoromethane	ND		5.00	1	01/28/2018 01:17	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/28/2018 01:17	WG1067225
Vinyl chloride	ND		1.00	1	01/28/2018 01:17	WG1067225
o-Xylene	ND		1.00	1	01/28/2018 01:17	WG1067225
m&p-Xylenes	ND		2.00	1	01/28/2018 01:17	WG1067225
n-Butylbenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
sec-Butylbenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
tert-Butylbenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
1,3,5-Trimethylbenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
n-Propylbenzene	ND		1.00	1	01/28/2018 01:17	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/28/2018 01:17	WG1067225
(S) Toluene-d8	106		80.0-120		01/28/2018 01:17	WG1067225
(S) Toluene-d8	105		80.0-120		02/01/2018 07:45	WG1068798
(S) Dibromofluoromethane	95.4		76.0-123		02/01/2018 07:45	WG1068798
(S) Dibromofluoromethane	89.0		76.0-123		01/28/2018 01:17	WG1067225
(S) a,a,a-Trifluorotoluene	102		80.0-120		02/01/2018 07:45	WG1068798
(S) a,a,a-Trifluorotoluene	99.9		80.0-120		01/28/2018 01:17	WG1067225
(S) 4-Bromofluorobenzene	108		80.0-120		01/28/2018 01:17	WG1067225
(S) 4-Bromofluorobenzene	96.6		80.0-120		02/01/2018 07:45	WG1068798

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	364		100	1	01/28/2018 14:36	WG1067413
Sulfate	199000		25000	5	01/31/2018 09:33	WG1067910

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	4150		1000	1	01/28/2018 16:55	WG1067389

Metals (ICP) by Method 6010C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	1690		100	1	01/29/2018 10:48	WG1067323

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	JO	50.0	1	01/28/2018 01:36	WG1067225
Benzene	ND		1.00	1	01/28/2018 01:36	WG1067225
Bromochloromethane	ND		1.00	1	01/28/2018 01:36	WG1067225
Bromodichloromethane	ND		1.00	1	01/28/2018 01:36	WG1067225
Bromoform	ND		1.00	1	01/28/2018 01:36	WG1067225
Bromomethane	ND		5.00	1	01/28/2018 01:36	WG1067225
Carbon disulfide	ND		1.00	1	01/28/2018 01:36	WG1067225
Carbon tetrachloride	ND		1.00	1	01/28/2018 01:36	WG1067225
Chlorobenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
Chlorodibromomethane	ND		1.00	1	01/28/2018 01:36	WG1067225
Chloroethane	ND		5.00	1	01/28/2018 01:36	WG1067225
Chloroform	ND		5.00	1	01/28/2018 01:36	WG1067225
Chloromethane	ND		2.50	1	01/28/2018 01:36	WG1067225
Cyclohexane	ND		1.00	1	01/28/2018 01:36	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/28/2018 01:36	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/28/2018 01:36	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/28/2018 01:36	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/28/2018 01:36	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/28/2018 01:36	WG1067225
1,1-Dichloroethene	ND		1.00	1	01/28/2018 01:36	WG1067225
cis-1,2-Dichloroethene	1.65		1.00	1	01/28/2018 01:36	WG1067225
trans-1,2-Dichloroethene	ND		1.00	1	01/28/2018 01:36	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/28/2018 01:36	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/28/2018 01:36	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/28/2018 01:36	WG1067225
Ethylbenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
2-Hexanone	ND		10.0	1	01/28/2018 01:36	WG1067225
Isopropylbenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/28/2018 01:36	WG1067225
Methyl Acetate	ND		20.0	1	01/28/2018 01:36	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/28/2018 01:36	WG1067225
Methylene Chloride	ND		5.00	1	01/28/2018 01:36	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/28/2018 01:36	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/28/2018 01:36	WG1067225
Naphthalene	ND		5.00	1	01/28/2018 01:36	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 01/26/18 16:45

L966032

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	ND		1.00	1	01/28/2018 01:36	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/28/2018 01:36	WG1067225
Tetrachloroethene	ND		1.00	1	01/28/2018 01:36	WG1067225
Toluene	ND		1.00	1	01/28/2018 01:36	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/28/2018 01:36	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/28/2018 01:36	WG1067225
Trichloroethene	1.48		1.00	1	01/28/2018 01:36	WG1067225
Trichlorofluoromethane	ND		5.00	1	01/28/2018 01:36	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/28/2018 01:36	WG1067225
Vinyl chloride	ND		1.00	1	01/28/2018 01:36	WG1067225
o-Xylene	ND		1.00	1	01/28/2018 01:36	WG1067225
m&p-Xylenes	ND		2.00	1	01/28/2018 01:36	WG1067225
n-Butylbenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
sec-Butylbenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
tert-Butylbenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
1,3,5-Trimethylbenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
n-Propylbenzene	ND		1.00	1	01/28/2018 01:36	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/28/2018 01:36	WG1067225
(S) Toluene-d8	105		80.0-120		01/28/2018 01:36	WG1067225
(S) Dibromofluoromethane	90.0		76.0-123		01/28/2018 01:36	WG1067225
(S) a,a,a-Trifluorotoluene	98.8		80.0-120		01/28/2018 01:36	WG1067225
(S) 4-Bromofluorobenzene	104		80.0-120		01/28/2018 01:36	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	<u>JO</u>	50.0	1	01/28/2018 01:56	WG1067225
Benzene	ND		1.00	1	01/28/2018 01:56	WG1067225
Bromochloromethane	ND		1.00	1	01/28/2018 01:56	WG1067225
Bromodichloromethane	ND		1.00	1	01/28/2018 01:56	WG1067225
Bromoform	ND		1.00	1	01/28/2018 01:56	WG1067225
Bromomethane	ND		5.00	1	01/28/2018 01:56	WG1067225
Carbon disulfide	ND		1.00	1	01/28/2018 01:56	WG1067225
Carbon tetrachloride	ND		1.00	1	01/28/2018 01:56	WG1067225
Chlorobenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
Chlorodibromomethane	ND		1.00	1	01/28/2018 01:56	WG1067225
Chloroethane	ND		5.00	1	01/28/2018 01:56	WG1067225
Chloroform	ND		5.00	1	01/28/2018 01:56	WG1067225
Chloromethane	ND		2.50	1	01/28/2018 01:56	WG1067225
Cyclohexane	ND		1.00	1	01/28/2018 01:56	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/28/2018 01:56	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/28/2018 01:56	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/28/2018 01:56	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/28/2018 01:56	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/28/2018 01:56	WG1067225
1,1-Dichloroethene	1.08		1.00	1	01/28/2018 01:56	WG1067225
cis-1,2-Dichloroethene	174		1.00	1	01/28/2018 01:56	WG1067225
trans-1,2-Dichloroethene	11.3		1.00	1	01/28/2018 01:56	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/28/2018 01:56	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/28/2018 01:56	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/28/2018 01:56	WG1067225
Ethylbenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
2-Hexanone	ND		10.0	1	01/28/2018 01:56	WG1067225
Isopropylbenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/28/2018 01:56	WG1067225
Methyl Acetate	ND		20.0	1	01/28/2018 01:56	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/28/2018 01:56	WG1067225
Methylene Chloride	ND		5.00	1	01/28/2018 01:56	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/28/2018 01:56	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/28/2018 01:56	WG1067225
Naphthalene	ND		5.00	1	01/28/2018 01:56	WG1067225
Styrene	ND		1.00	1	01/28/2018 01:56	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/28/2018 01:56	WG1067225
Tetrachloroethene	ND		1.00	1	01/28/2018 01:56	WG1067225
Toluene	ND		1.00	1	01/28/2018 01:56	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/28/2018 01:56	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/28/2018 01:56	WG1067225
Trichloroethene	5.19		1.00	1	01/28/2018 01:56	WG1067225
Trichlorofluoromethane	ND		5.00	1	01/28/2018 01:56	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/28/2018 01:56	WG1067225
Vinyl chloride	90.0		1.00	1	01/28/2018 01:56	WG1067225
o-Xylene	ND		1.00	1	01/28/2018 01:56	WG1067225
m&p-Xylenes	ND		2.00	1	01/28/2018 01:56	WG1067225
n-Butylbenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
sec-Butylbenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
tert-Butylbenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/28/2018 01:56	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
n-Propylbenzene	ND		1.00	1	01/28/2018 01:56	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/28/2018 01:56	WG1067225
(S) Toluene-d8	103		80.0-120		01/28/2018 01:56	WG1067225
(S) Dibromofluoromethane	93.5		76.0-123		01/28/2018 01:56	WG1067225
(S) α,α,α-Trifluorotoluene	98.8		80.0-120		01/28/2018 01:56	WG1067225
(S) 4-Bromofluorobenzene	102		80.0-120		01/28/2018 01:56	WG1067225

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	<u>JO</u>	50.0	1	01/28/2018 02:16	WG1067225
Benzene	ND		1.00	1	01/28/2018 02:16	WG1067225
Bromochloromethane	ND		1.00	1	01/28/2018 02:16	WG1067225
Bromodichloromethane	ND		1.00	1	01/28/2018 02:16	WG1067225
Bromoform	ND		1.00	1	01/28/2018 02:16	WG1067225
Bromomethane	ND		5.00	1	01/28/2018 02:16	WG1067225
Carbon disulfide	ND		1.00	1	01/28/2018 02:16	WG1067225
Carbon tetrachloride	ND		1.00	1	01/28/2018 02:16	WG1067225
Chlorobenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
Chlorodibromomethane	ND		1.00	1	01/28/2018 02:16	WG1067225
Chloroethane	ND		5.00	1	01/28/2018 02:16	WG1067225
Chloroform	ND		5.00	1	01/28/2018 02:16	WG1067225
Chloromethane	ND		2.50	1	01/28/2018 02:16	WG1067225
Cyclohexane	ND		1.00	1	01/28/2018 02:16	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/28/2018 02:16	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/28/2018 02:16	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/28/2018 02:16	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/28/2018 02:16	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/28/2018 02:16	WG1067225
1,1-Dichloroethene	1.93		1.00	1	01/28/2018 02:16	WG1067225
cis-1,2-Dichloroethene	398		20.0	20	02/01/2018 09:02	WG1068798
trans-1,2-Dichloroethene	8.90		1.00	1	01/28/2018 02:16	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/28/2018 02:16	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/28/2018 02:16	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/28/2018 02:16	WG1067225
Ethylbenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
2-Hexanone	ND		10.0	1	01/28/2018 02:16	WG1067225
Isopropylbenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/28/2018 02:16	WG1067225
Methyl Acetate	ND		20.0	1	01/28/2018 02:16	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/28/2018 02:16	WG1067225
Methylene Chloride	ND		5.00	1	01/28/2018 02:16	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/28/2018 02:16	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/28/2018 02:16	WG1067225
Naphthalene	ND		5.00	1	01/28/2018 02:16	WG1067225
Styrene	ND		1.00	1	01/28/2018 02:16	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/28/2018 02:16	WG1067225
Tetrachloroethene	ND		1.00	1	01/28/2018 02:16	WG1067225
Toluene	ND		1.00	1	01/28/2018 02:16	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/28/2018 02:16	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/28/2018 02:16	WG1067225
Trichloroethene	843		20.0	20	02/01/2018 09:02	WG1068798
Trichlorofluoromethane	ND		5.00	1	01/28/2018 02:16	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/28/2018 02:16	WG1067225
Vinyl chloride	14.0		1.00	1	01/28/2018 02:16	WG1067225
o-Xylene	ND		1.00	1	01/28/2018 02:16	WG1067225
m&p-Xylenes	ND		2.00	1	01/28/2018 02:16	WG1067225
n-Butylbenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
sec-Butylbenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
tert-Butylbenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/28/2018 02:16	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 01/26/18 14:05

L966032

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
n-Propylbenzene	ND		1.00	1	01/28/2018 02:16	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/28/2018 02:16	WG1067225
(S) Toluene-d8	104		80.0-120		02/01/2018 09:02	WG1068798
(S) Toluene-d8	106		80.0-120		01/28/2018 02:16	WG1067225
(S) Dibromofluoromethane	91.5		76.0-123		02/01/2018 09:02	WG1068798
(S) Dibromofluoromethane	89.6		76.0-123		01/28/2018 02:16	WG1067225
(S) a,a,a-Trifluorotoluene	101		80.0-120		02/01/2018 09:02	WG1068798
(S) a,a,a-Trifluorotoluene	99.8		80.0-120		01/28/2018 02:16	WG1067225
(S) 4-Bromofluorobenzene	94.1		80.0-120		02/01/2018 09:02	WG1068798
(S) 4-Bromofluorobenzene	105		80.0-120		01/28/2018 02:16	WG1067225

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	<u>JO</u>	50.0	1	01/28/2018 02:36	WG1067225
Benzene	ND		1.00	1	01/28/2018 02:36	WG1067225
Bromochloromethane	ND		1.00	1	01/28/2018 02:36	WG1067225
Bromodichloromethane	ND		1.00	1	01/28/2018 02:36	WG1067225
Bromoform	ND		1.00	1	01/28/2018 02:36	WG1067225
Bromomethane	ND		5.00	1	01/28/2018 02:36	WG1067225
Carbon disulfide	ND		1.00	1	01/28/2018 02:36	WG1067225
Carbon tetrachloride	ND		1.00	1	01/28/2018 02:36	WG1067225
Chlorobenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
Chlorodibromomethane	ND		1.00	1	01/28/2018 02:36	WG1067225
Chloroethane	ND		5.00	1	01/28/2018 02:36	WG1067225
Chloroform	ND		5.00	1	01/28/2018 02:36	WG1067225
Chloromethane	ND		2.50	1	01/28/2018 02:36	WG1067225
Cyclohexane	ND		1.00	1	01/28/2018 02:36	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/28/2018 02:36	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/28/2018 02:36	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/28/2018 02:36	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/28/2018 02:36	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/28/2018 02:36	WG1067225
1,1-Dichloroethene	ND		1.00	1	01/28/2018 02:36	WG1067225
cis-1,2-Dichloroethene	ND		1.00	1	01/28/2018 02:36	WG1067225
trans-1,2-Dichloroethene	ND		1.00	1	01/28/2018 02:36	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/28/2018 02:36	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/28/2018 02:36	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/28/2018 02:36	WG1067225
Ethylbenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
2-Hexanone	ND		10.0	1	01/28/2018 02:36	WG1067225
Isopropylbenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/28/2018 02:36	WG1067225
Methyl Acetate	ND		20.0	1	01/28/2018 02:36	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/28/2018 02:36	WG1067225
Methylene Chloride	ND		5.00	1	01/28/2018 02:36	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/28/2018 02:36	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/28/2018 02:36	WG1067225
Naphthalene	ND		5.00	1	01/28/2018 02:36	WG1067225
Styrene	ND		1.00	1	01/28/2018 02:36	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/28/2018 02:36	WG1067225
Tetrachloroethene	ND		1.00	1	01/28/2018 02:36	WG1067225
Toluene	ND		1.00	1	01/28/2018 02:36	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/28/2018 02:36	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/28/2018 02:36	WG1067225
Trichloroethene	ND		1.00	1	01/28/2018 02:36	WG1067225
Trichlorofluoromethane	ND		5.00	1	01/28/2018 02:36	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/28/2018 02:36	WG1067225
Vinyl chloride	ND		1.00	1	01/28/2018 02:36	WG1067225
o-Xylene	ND		1.00	1	01/28/2018 02:36	WG1067225
m&p-Xylenes	ND		2.00	1	01/28/2018 02:36	WG1067225
n-Butylbenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
sec-Butylbenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
tert-Butylbenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/28/2018 02:36	WG1067225

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
n-Propylbenzene	ND		1.00	1	01/28/2018 02:36	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/28/2018 02:36	WG1067225
(S) Toluene-d8	105		80.0-120		01/28/2018 02:36	WG1067225
(S) Dibromofluoromethane	87.1		76.0-123		01/28/2018 02:36	WG1067225
(S) α,α,α-Trifluorotoluene	97.6		80.0-120		01/28/2018 02:36	WG1067225
(S) 4-Bromofluorobenzene	102		80.0-120		01/28/2018 02:36	WG1067225

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	<u>JO</u>	50.0	1	01/28/2018 02:56	WG1067225
Benzene	ND		1.00	1	01/28/2018 02:56	WG1067225
Bromochloromethane	ND		1.00	1	01/28/2018 02:56	WG1067225
Bromodichloromethane	ND		1.00	1	01/28/2018 02:56	WG1067225
Bromoform	ND		1.00	1	01/28/2018 02:56	WG1067225
Bromomethane	ND		5.00	1	01/28/2018 02:56	WG1067225
Carbon disulfide	ND		1.00	1	01/28/2018 02:56	WG1067225
Carbon tetrachloride	ND		1.00	1	01/28/2018 02:56	WG1067225
Chlorobenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
Chlorodibromomethane	ND		1.00	1	01/28/2018 02:56	WG1067225
Chloroethane	ND		5.00	1	01/28/2018 02:56	WG1067225
Chloroform	ND		5.00	1	01/28/2018 02:56	WG1067225
Chloromethane	ND		2.50	1	01/28/2018 02:56	WG1067225
Cyclohexane	ND		1.00	1	01/28/2018 02:56	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/28/2018 02:56	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/28/2018 02:56	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/28/2018 02:56	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/28/2018 02:56	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/28/2018 02:56	WG1067225
1,1-Dichloroethene	ND		1.00	1	01/28/2018 02:56	WG1067225
cis-1,2-Dichloroethene	3.54		1.00	1	01/28/2018 02:56	WG1067225
trans-1,2-Dichloroethene	ND		1.00	1	01/28/2018 02:56	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/28/2018 02:56	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/28/2018 02:56	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/28/2018 02:56	WG1067225
Ethylbenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
2-Hexanone	ND		10.0	1	01/28/2018 02:56	WG1067225
Isopropylbenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/28/2018 02:56	WG1067225
Methyl Acetate	ND		20.0	1	01/28/2018 02:56	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/28/2018 02:56	WG1067225
Methylene Chloride	ND		5.00	1	01/28/2018 02:56	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/28/2018 02:56	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/28/2018 02:56	WG1067225
Naphthalene	ND		5.00	1	01/28/2018 02:56	WG1067225
Styrene	ND		1.00	1	01/28/2018 02:56	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/28/2018 02:56	WG1067225
Tetrachloroethene	ND		1.00	1	01/28/2018 02:56	WG1067225
Toluene	ND		1.00	1	01/28/2018 02:56	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/28/2018 02:56	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/28/2018 02:56	WG1067225
Trichloroethene	2.91		1.00	1	01/28/2018 02:56	WG1067225
Trichlorofluoromethane	ND		5.00	1	01/28/2018 02:56	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/28/2018 02:56	WG1067225
Vinyl chloride	ND		1.00	1	01/28/2018 02:56	WG1067225
o-Xylene	ND		1.00	1	01/28/2018 02:56	WG1067225
m&p-Xylenes	ND		2.00	1	01/28/2018 02:56	WG1067225
n-Butylbenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
sec-Butylbenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
tert-Butylbenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/28/2018 02:56	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
n-Propylbenzene	ND		1.00	1	01/28/2018 02:56	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/28/2018 02:56	WG1067225
(S) Toluene-d8	108		80.0-120		01/28/2018 02:56	WG1067225
(S) Dibromofluoromethane	90.7		76.0-123		01/28/2018 02:56	WG1067225
(S) α,α,α-Trifluorotoluene	104		80.0-120		01/28/2018 02:56	WG1067225
(S) 4-Bromofluorobenzene	106		80.0-120		01/28/2018 02:56	WG1067225

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	<u>JO</u>	50.0	1	01/28/2018 03:16	WG1067225
Benzene	ND		1.00	1	01/28/2018 03:16	WG1067225
Bromochloromethane	ND		1.00	1	01/28/2018 03:16	WG1067225
Bromodichloromethane	ND		1.00	1	01/28/2018 03:16	WG1067225
Bromoform	ND		1.00	1	01/28/2018 03:16	WG1067225
Bromomethane	ND		5.00	1	01/28/2018 03:16	WG1067225
Carbon disulfide	ND		1.00	1	01/28/2018 03:16	WG1067225
Carbon tetrachloride	ND		1.00	1	01/28/2018 03:16	WG1067225
Chlorobenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
Chlorodibromomethane	ND		1.00	1	01/28/2018 03:16	WG1067225
Chloroethane	ND		5.00	1	01/28/2018 03:16	WG1067225
Chloroform	ND		5.00	1	01/28/2018 03:16	WG1067225
Chloromethane	ND		2.50	1	01/28/2018 03:16	WG1067225
Cyclohexane	ND		1.00	1	01/28/2018 03:16	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/28/2018 03:16	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/28/2018 03:16	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/28/2018 03:16	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/28/2018 03:16	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/28/2018 03:16	WG1067225
1,1-Dichloroethene	ND		1.00	1	01/28/2018 03:16	WG1067225
cis-1,2-Dichloroethene	9.37		1.00	1	01/28/2018 03:16	WG1067225
trans-1,2-Dichloroethene	ND		1.00	1	01/28/2018 03:16	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/28/2018 03:16	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/28/2018 03:16	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/28/2018 03:16	WG1067225
Ethylbenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
2-Hexanone	ND		10.0	1	01/28/2018 03:16	WG1067225
Isopropylbenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/28/2018 03:16	WG1067225
Methyl Acetate	ND		20.0	1	01/28/2018 03:16	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/28/2018 03:16	WG1067225
Methylene Chloride	ND		5.00	1	01/28/2018 03:16	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/28/2018 03:16	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/28/2018 03:16	WG1067225
Naphthalene	ND		5.00	1	01/28/2018 03:16	WG1067225
Styrene	ND		1.00	1	01/28/2018 03:16	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/28/2018 03:16	WG1067225
Tetrachloroethene	ND		1.00	1	01/28/2018 03:16	WG1067225
Toluene	ND		1.00	1	01/28/2018 03:16	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/28/2018 03:16	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/28/2018 03:16	WG1067225
Trichloroethene	74.9		1.00	1	01/28/2018 03:16	WG1067225
Trichlorofluoromethane	ND		5.00	1	01/28/2018 03:16	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/28/2018 03:16	WG1067225
Vinyl chloride	ND		1.00	1	01/28/2018 03:16	WG1067225
o-Xylene	ND		1.00	1	01/28/2018 03:16	WG1067225
m&p-Xylenes	ND		2.00	1	01/28/2018 03:16	WG1067225
n-Butylbenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
sec-Butylbenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
tert-Butylbenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/28/2018 03:16	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
n-Propylbenzene	ND		1.00	1	01/28/2018 03:16	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/28/2018 03:16	WG1067225
(S) Toluene-d8	104		80.0-120		01/28/2018 03:16	WG1067225
(S) Dibromofluoromethane	90.4		76.0-123		01/28/2018 03:16	WG1067225
(S) a,a,a-Trifluorotoluene	97.4		80.0-120		01/28/2018 03:16	WG1067225
(S) 4-Bromofluorobenzene	107		80.0-120		01/28/2018 03:16	WG1067225

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc



Method Blank (MB)

(MB) R3282223-1 01/27/18 10:44

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Nitrate	U		22.7	100

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282223-2 01/27/18 10:57 • (LCSD) R3282223-3 01/27/18 11:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Nitrate	8000	8240	8170	103	102	80-120			0.915	15

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3282518-1 01/28/18 11:50

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Nitrate	U		22.7	100
Sulfate	U		77.4	5000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L966008-01 Original Sample (OS) • Duplicate (DUP)

(OS) L966008-01 01/28/18 13:16 • (DUP) R3282518-4 01/28/18 13:28

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate	U	0.000	1	0		15
Sulfate	71300	71300	1	0.0603		15

L966161-02 Original Sample (OS) • Duplicate (DUP)

(OS) L966161-02 01/28/18 19:31 • (DUP) R3282518-7 01/28/18 19:44

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate	1960	2050	1	4.81		15
Sulfate	13400	13300	1	0.292		15

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282518-2 01/28/18 12:03 • (LCSD) R3282518-3 01/28/18 12:16

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Nitrate	8000	8240	8250	103	103	80-120			0.201	15
Sulfate	40000	40600	40900	101	102	80-120			0.692	15

L966008-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L966008-01 01/28/18 13:16 • (MS) R3282518-5 01/28/18 13:42 • (MSD) R3282518-6 01/28/18 13:55

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Nitrate	5000	U	4150	5320	83	106	1	80-120		J3	24.8	15
Sulfate	50000	71300	113000	123000	82.7	104	1	80-120	E	E	9.06	15



L966161-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L966161-02 01/28/18 19:31 • (MS) R3282518-8 01/28/18 19:58

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate	5000	1960	7210	105	1	80-120	
Sulfate	50000	13400	64200	102	1	80-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Method Blank (MB)

(MB) R3282901-1 01/30/18 19:34

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Sulfate	U		77.4	5000

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

L966009-01 Original Sample (OS) • Duplicate (DUP)

(OS) L966009-01 01/30/18 20:33 • (DUP) R3282901-4 01/30/18 20:43

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	1500	2390	1	46	J P1	15

L966302-01 Original Sample (OS) • Duplicate (DUP)

(OS) L966302-01 01/31/18 09:43 • (DUP) R3282901-9 01/31/18 09:53

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	800000	850000	10	6		15

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282901-2 01/30/18 19:43 • (LCSD) R3282901-3 01/30/18 19:53

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Sulfate	40000	39100	39400	98	98	80-120			1	15

L966009-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L966009-01 01/30/18 20:33 • (MS) R3282901-5 01/30/18 20:53 • (MSD) R3282901-6 01/30/18 21:03

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	50000	1500	52200	52700	101	102	1	80-120			1	15



Method Blank (MB)

(MB) R3282321-1 01/28/18 10:40

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	U		102	1000

L966032-01 Original Sample (OS) • Duplicate (DUP)

(OS) L966032-01 01/28/18 15:00 • (DUP) R3282321-6 01/28/18 15:11

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	4120	4410	1	6.89		20

L966161-02 Original Sample (OS) • Duplicate (DUP)

(OS) L966161-02 01/28/18 17:18 • (DUP) R3282321-7 01/28/18 17:29

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	5520	5550	1	0.506		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282321-2 01/28/18 11:39 • (LCSD) R3282321-5 01/28/18 13:36

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
TOC (Total Organic Carbon)	75000	73500	72800	98	97	85-115			0.944	20

L965776-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L965776-01 01/28/18 12:41 • (MS) R3282321-3 01/28/18 12:59 • (MSD) R3282321-4 01/28/18 13:15

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	50000	5300	50200	50000	89.8	89.5	1	80-120			0.339	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3282889-1 01/30/18 11:00

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	U		102	1000

L966284-01 Original Sample (OS) • Duplicate (DUP)

(OS) L966284-01 01/30/18 13:47 • (DUP) R3282889-3 01/30/18 14:13

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	938	651	1	36.1	J P1	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282889-2 01/30/18 12:32 • (LCSD) R3282889-4 01/30/18 15:02

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
TOC (Total Organic Carbon)	75000	73800	74400	98.4	99.2	85-115			0.796	20

L966289-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L966289-01 01/30/18 16:24 • (MS) R3282889-5 01/30/18 16:47 • (MSD) R3282889-6 01/30/18 17:06

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	50000	2130	49700	49500	95.1	94.7	1	80-120			0.363	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc



Method Blank (MB)

(MB) R3282469-1 01/29/18 10:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	U		14.1	100

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282469-2 01/29/18 10:07 • (LCSD) R3282469-3 01/29/18 10:10

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Iron	10000	10000	9940	100	99.4	80-120			0.823	20

L966032-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L966032-01 01/29/18 10:13 • (MS) R3282469-5 01/29/18 10:20 • (MSD) R3282469-6 01/29/18 10:23

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	10000	232	10200	10200	99.8	99.6	1	75-125			0.151	20

Method Blank (MB)

(MB) R3283190-2 01/27/18 20:35

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		10.0	50.0
Benzene	U		0.331	1.00
Bromodichloromethane	U		0.380	1.00
Bromochloromethane	U		0.520	1.00
Bromoform	U		0.469	1.00
Bromomethane	U		0.866	5.00
n-Butylbenzene	U		0.361	1.00
sec-Butylbenzene	U		0.365	1.00
tert-Butylbenzene	U		0.399	1.00
Carbon disulfide	U		0.275	1.00
Carbon tetrachloride	U		0.379	1.00
Chlorobenzene	U		0.348	1.00
Chlorodibromomethane	U		0.327	1.00
Chloroethane	U		0.453	5.00
Chloroform	U		0.324	5.00
Chloromethane	U		0.276	2.50
Cyclohexane	U		0.390	1.00
1,2-Dibromo-3-Chloropropane	U		1.33	5.00
1,2-Dibromoethane	U		0.381	1.00
1,2-Dichlorobenzene	U		0.349	1.00
1,3-Dichlorobenzene	U		0.220	1.00
1,4-Dichlorobenzene	U		0.274	1.00
Dichlorodifluoromethane	U		0.551	5.00
1,1-Dichloroethane	U		0.259	1.00
1,2-Dichloroethane	U		0.361	1.00
1,1-Dichloroethene	U		0.398	1.00
cis-1,2-Dichloroethene	U		0.260	1.00
trans-1,2-Dichloroethene	U		0.396	1.00
1,2-Dichloropropane	U		0.306	1.00
cis-1,3-Dichloropropene	U		0.418	1.00
trans-1,3-Dichloropropene	U		0.419	1.00
Ethylbenzene	U		0.384	1.00
2-Hexanone	U		3.82	10.0
Isopropylbenzene	U		0.326	1.00
p-Isopropyltoluene	U		0.350	1.00
2-Butanone (MEK)	U		3.93	10.0
Methyl Acetate	U		4.30	20.0
Methyl Cyclohexane	U		0.380	1.00
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R3283190-2 01/27/18 20:35

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.349	1.00
Styrene	U		0.307	1.00
1,1,2,2-Tetrachloroethane	U		0.130	1.00
Tetrachloroethene	U		0.372	1.00
Toluene	U		0.412	1.00
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.355	1.00
1,1,1-Trichloroethane	U		0.319	1.00
1,1,2-Trichloroethane	U		0.383	1.00
Trichloroethene	U		0.398	1.00
Trichlorofluoromethane	U		1.20	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Vinyl chloride	U		0.259	1.00
o-Xylene	U		0.341	1.00
m&p-Xylenes	U		0.719	2.00
(S) Toluene-d8	103			80.0-120
(S) Dibromofluoromethane	93.1			76.0-123
(S) a,a,a-Trifluorotoluene	103			80.0-120
(S) 4-Bromofluorobenzene	102			80.0-120

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R3283190-1 01/27/18 19:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	125	99.5	79.6	10.0-160	
Benzene	25.0	21.7	86.8	69.0-123	
Bromodichloromethane	25.0	22.8	91.1	76.0-120	
Bromochloromethane	25.0	23.7	94.7	76.0-122	
Bromoform	25.0	24.1	96.3	67.0-132	
Bromomethane	25.0	20.7	83.0	18.0-160	
n-Butylbenzene	25.0	24.1	96.2	72.0-126	
sec-Butylbenzene	25.0	23.9	95.5	74.0-121	
tert-Butylbenzene	25.0	24.0	95.8	75.0-122	
Carbon disulfide	25.0	20.2	81.0	55.0-127	



Laboratory Control Sample (LCS)

(LCS) R3283190-1 01/27/18 19:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Carbon tetrachloride	25.0	20.1	80.6	63.0-122	
Chlorobenzene	25.0	25.0	100	79.0-121	
Chlorodibromomethane	25.0	25.0	99.9	75.0-125	
Chloroethane	25.0	22.8	91.1	47.0-152	
Chloroform	25.0	22.2	88.9	72.0-121	
Chloromethane	25.0	20.6	82.5	48.0-139	
Cyclohexane	25.0	20.8	83.2	70.0-130	
1,2-Dibromo-3-Chloropropane	25.0	23.9	95.5	64.0-127	
1,2-Dibromoethane	25.0	25.8	103	77.0-123	
1,2-Dichlorobenzene	25.0	24.3	97.0	80.0-120	
1,3-Dichlorobenzene	25.0	24.6	98.5	72.0-123	
1,4-Dichlorobenzene	25.0	23.0	91.9	77.0-120	
Dichlorodifluoromethane	25.0	26.7	107	49.0-155	
1,1-Dichloroethane	25.0	21.4	85.7	70.0-126	
1,2-Dichloroethane	25.0	21.7	86.9	67.0-126	
1,1-Dichloroethene	25.0	21.1	84.4	64.0-129	
cis-1,2-Dichloroethene	25.0	21.4	85.6	73.0-120	
trans-1,2-Dichloroethene	25.0	21.4	85.7	71.0-121	
1,2-Dichloropropane	25.0	23.3	93.0	75.0-125	
cis-1,3-Dichloropropene	25.0	25.1	100	79.0-123	
trans-1,3-Dichloropropene	25.0	25.0	99.9	74.0-127	
Ethylbenzene	25.0	24.3	97.2	77.0-120	
2-Hexanone	125	121	97.1	58.0-147	
Isopropylbenzene	25.0	24.3	97.3	75.0-120	
p-Isopropyltoluene	25.0	23.8	95.3	74.0-126	
2-Butanone (MEK)	125	104	82.9	37.0-158	
Methyl Acetate	125	110	87.9	70.0-130	
Methyl Cyclohexane	25.0	21.7	86.9	70.0-130	
Methylene Chloride	25.0	19.9	79.5	66.0-121	
4-Methyl-2-pentanone (MIBK)	125	128	103	59.0-143	
Methyl tert-butyl ether	25.0	21.6	86.6	64.0-123	
Naphthalene	25.0	23.5	94.1	62.0-128	
n-Propylbenzene	25.0	23.7	94.9	79.0-120	
Styrene	25.0	24.0	95.9	78.0-124	
1,1,2,2-Tetrachloroethane	25.0	23.0	92.0	71.0-122	
Tetrachloroethene	25.0	25.3	101	70.0-127	
Toluene	25.0	23.1	92.6	77.0-120	
1,1,2-Trichlorotrifluoroethane	25.0	22.3	89.2	61.0-136	
1,2,3-Trichlorobenzene	25.0	24.0	96.1	61.0-133	
1,2,4-Trichlorobenzene	25.0	24.3	97.3	69.0-129	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Laboratory Control Sample (LCS)

(LCS) R3283190-1 01/27/18 19:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,1,1-Trichloroethane	25.0	22.2	88.8	68.0-122	
1,1,2-Trichloroethane	25.0	24.8	99.1	78.0-120	
Trichloroethene	25.0	24.4	97.6	78.0-120	
Trichlorofluoromethane	25.0	24.0	95.8	56.0-137	
1,2,4-Trimethylbenzene	25.0	25.1	100	75.0-120	
1,3,5-Trimethylbenzene	25.0	24.3	97.2	75.0-120	
Vinyl chloride	25.0	24.7	99.0	64.0-133	
o-Xylene	25.0	25.4	102	78.0-120	
m&p-Xylenes	50.0	48.9	97.9	77.0-120	
(S) Toluene-d8			100	80.0-120	
(S) Dibromofluoromethane			91.2	76.0-123	
(S) a,a,a-Trifluorotoluene			101	80.0-120	
(S) 4-Bromofluorobenzene			102	80.0-120	

L965776-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L965776-01 01/27/18 21:38 • (MS) R3283190-3 01/28/18 03:36 • (MSD) R3283190-4 01/28/18 03:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	125	ND	599	634	47.9	50.7	10	10.0-139			5.69	25
Benzene	25.0	ND	181	199	72.4	79.5	10	34.0-147			9.40	20
Bromodichloromethane	25.0	ND	212	219	84.8	87.7	10	52.0-135			3.40	20
Bromochloromethane	25.0	ND	201	211	80.6	84.3	10	53.0-138			4.57	20
Bromoform	25.0	ND	220	257	88.1	103	10	50.0-146			15.3	20
Bromomethane	25.0	ND	137	153	55.0	61.1	10	10.0-160			10.6	23
n-Butylbenzene	25.0	ND	204	241	81.7	96.5	10	50.0-144			16.6	20
sec-Butylbenzene	25.0	ND	219	257	87.6	103	10	48.0-143			16.0	20
tert-Butylbenzene	25.0	ND	218	257	87.3	103	10	50.0-142			16.3	20
Carbon disulfide	25.0	ND	106	120	42.5	47.9	10	10.0-147			11.9	20
Carbon tetrachloride	25.0	ND	183	192	73.0	76.6	10	41.0-138			4.80	20
Chlorobenzene	25.0	ND	218	246	87.4	98.4	10	52.0-141			11.8	20
Chlorodibromomethane	25.0	ND	222	238	88.7	95.1	10	54.0-142			6.95	20
Chloroethane	25.0	ND	178	191	71.2	76.4	10	23.0-160			7.05	20
Chloroform	25.0	ND	198	215	79.2	86.1	10	50.0-139			8.33	20
Chloromethane	25.0	ND	147	159	59.0	63.6	10	14.0-151			7.50	20
Cyclohexane	25.0	ND	152	173	60.6	69.2	10	70.0-130	J6	J6	13.2	20
1,2-Dibromo-3-Chloropropane	25.0	ND	200	233	79.9	93.3	10	49.0-144			15.4	24
1,2-Dibromoethane	25.0	ND	213	241	85.4	96.4	10	54.0-140			12.1	20
1,2-Dichlorobenzene	25.0	ND	216	231	86.3	92.5	10	56.0-139			6.84	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



L965776-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L965776-01 01/27/18 21:38 • (MS) R3283190-3 01/28/18 03:36 • (MSD) R3283190-4 01/28/18 03:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,3-Dichlorobenzene	25.0	ND	205	241	82.1	96.4	10	50.0-141			16.0	20
1,4-Dichlorobenzene	25.0	ND	205	234	82.0	93.5	10	53.0-136			13.1	20
Dichlorodifluoromethane	25.0	ND	240	263	96.2	105	10	20.0-160			8.80	21
1,1-Dichloroethane	25.0	ND	185	197	74.1	78.9	10	47.0-143			6.35	20
1,2-Dichloroethane	25.0	ND	191	207	76.6	83.0	10	47.0-141			8.03	20
1,1-Dichloroethene	25.0	104	260	276	62.0	68.5	10	31.0-148			6.02	20
cis-1,2-Dichloroethene	25.0	13600	13100	13500	0.000	0.000	10	43.0-142	EV	EV	3.17	20
trans-1,2-Dichloroethene	25.0	141	298	307	62.6	66.3	10	36.0-141			3.10	20
1,2-Dichloropropane	25.0	ND	211	226	84.4	90.6	10	51.0-141			7.07	20
cis-1,3-Dichloropropene	25.0	ND	220	236	87.8	94.6	10	53.0-139			7.41	20
trans-1,3-Dichloropropene	25.0	ND	221	235	88.5	94.1	10	51.0-143			6.11	20
Ethylbenzene	25.0	ND	219	233	87.6	93.2	10	42.0-147			6.21	20
2-Hexanone	125	ND	1100	1170	88.0	94.0	10	36.0-145			6.53	23
Isopropylbenzene	25.0	ND	210	250	84.2	99.8	10	48.0-141			17.0	20
p-Isopropyltoluene	25.0	ND	209	248	83.6	99.1	10	49.0-146			17.0	20
2-Butanone (MEK)	125	ND	869	925	69.5	74.0	10	12.0-149			6.29	24
Methyl Acetate	125	ND	977	1010	78.1	80.7	10	70.0-130			3.19	20.8
Methyl Cyclohexane	25.0	ND	195	206	78.1	82.6	10	70.0-130			5.63	20.8
Methylene Chloride	25.0	ND	164	182	65.5	73.0	10	42.0-135			10.8	20
4-Methyl-2-pentanone (MIBK)	125	ND	1160	1220	92.7	97.6	10	44.0-160			5.20	22
Methyl tert-butyl ether	25.0	ND	192	197	76.8	78.6	10	42.0-142			2.36	20
Naphthalene	25.0	ND	202	231	80.7	92.3	10	42.0-146			13.4	24
n-Propylbenzene	25.0	ND	210	237	83.9	94.6	10	47.0-144			12.1	20
Styrene	25.0	ND	218	249	87.0	99.6	10	47.0-147			13.4	20
1,1,2,2-Tetrachloroethane	25.0	ND	226	246	90.4	98.6	10	46.0-149			8.66	20
Tetrachloroethene	25.0	ND	203	225	81.0	89.9	10	38.0-147			10.4	20
Toluene	25.0	ND	215	232	85.9	92.8	10	42.0-141			7.81	20
1,1,2-Trichlorotrifluoroethane	25.0	ND	200	222	79.9	89.0	10	40.0-151			10.7	21
1,2,3-Trichlorobenzene	25.0	ND	205	238	82.0	95.1	10	45.0-145			14.9	22
1,2,4-Trichlorobenzene	25.0	ND	206	243	82.4	97.2	10	49.0-147			16.5	21
1,1,1-Trichloroethane	25.0	ND	196	211	78.5	84.5	10	46.0-140			7.37	20
1,1,2-Trichloroethane	25.0	ND	234	255	93.6	102	10	54.0-139			8.61	20
Trichloroethene	25.0	4820	4830	4720	3.64	0.000	10	32.0-156	EV	EV	2.35	20
Trichlorofluoromethane	25.0	ND	196	219	78.4	87.4	10	32.0-152			10.8	20
1,2,4-Trimethylbenzene	25.0	ND	206	243	82.2	97.1	10	41.0-146			16.6	20
1,3,5-Trimethylbenzene	25.0	ND	209	243	83.7	97.2	10	44.0-143			14.9	20
Vinyl chloride	25.0	3560	3110	3180	0.000	0.000	10	24.0-153	EV	EV	2.25	20
o-Xylene	25.0	ND	223	237	89.1	95.0	10	44.0-146			6.34	20
m&p-Xylenes	50.0	ND	438	481	87.6	96.2	10	41.0-147			9.30	20
(S) Toluene-d8					107	107		80.0-120				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



L965776-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L965776-01 01/27/18 21:38 • (MS) R3283190-3 01/28/18 03:36 • (MSD) R3283190-4 01/28/18 03:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Dibromofluoromethane					87.7	91.0		76.0-123				
(S) a,a,a-Trifluorotoluene					98.0	95.4		80.0-120				
(S) 4-Bromofluorobenzene					103	106		80.0-120				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Method Blank (MB)

(MB) R3283371-2 01/31/18 23:59

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
cis-1,2-Dichloroethene	U		0.260	1.00
Trichloroethene	U		0.398	1.00
Vinyl chloride	U		0.259	1.00
(S) Toluene-d8	104			80.0-120
(S) Dibromofluoromethane	92.5			76.0-123
(S) a,a,a-Trifluorotoluene	104			80.0-120
(S) 4-Bromofluorobenzene	96.6			80.0-120

Laboratory Control Sample (LCS)

(LCS) R3283371-1 01/31/18 23:01

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	25.0	24.1	96.5	73.0-120	
Trichloroethene	25.0	27.2	109	78.0-120	
Vinyl chloride	25.0	29.6	119	64.0-133	
(S) Toluene-d8			99.3	80.0-120	
(S) Dibromofluoromethane			94.9	76.0-123	
(S) a,a,a-Trifluorotoluene			102	80.0-120	
(S) 4-Bromofluorobenzene			94.4	80.0-120	

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J0	J0: Calibration verification outside of acceptance limits. Result is estimated.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ^{1 4}	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

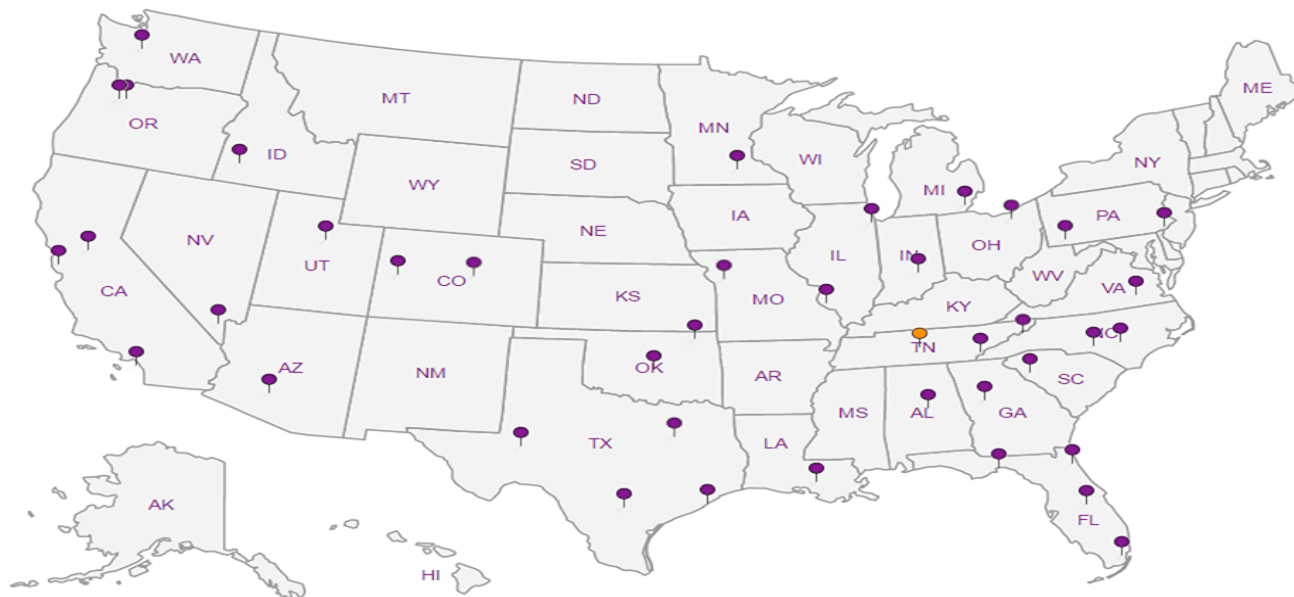
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP, LLC	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold n/a Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



LaBella Associates, P.C.

300 State Street, Suite 201
Rochester, NY 14614

Billing Information:

Attn: Accounts Payable
300 State St., Ste. 201
Rochester, NY 14614

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 1



YOUR LAB OF CHOICE

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



L# 966032
D169

Acctnum: LABRNY

Template:

Prelogin:

TSR: 364 - T. Alan Harvill

PB:

Shipped Via:

Remarks Sample # (lab only)

Report to: S. Rife; mpelychaty

Email To: S. Rife; mpelychaty

Project Description: 690 St Paul GW - Jan 2018

City/State Collected: Rochester NY

Phone: 585-454-6110

Client Project #

Lab Project #

Fax:

209280

Collected by (print): S. Rife

Site/Facility ID #

P.O. #

Collected by (signature)

Rush? (Lab MUST Be Notified)

Quote #

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Date Results Needed

Immediately
Packed on Ice N ☒

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Units
BW-11	G	GW	-	1/26/2018	1100	5
BW-4	G		-		1300	5
BW-9	G		-		1420	5
BW-10	G		-		1525	5
BW-12	G		-		1645	5
BW-21	G		-		1455	2
MW-7A	G		-		1405	2
BW-8	G		-		1350	2
MW-12	G		-		1322	2
MW-13	G	-	-	-	1426	2

* Matrix:

SS - Soil Air - Air F - Filter
GW - Groundwater B - Bioassay
WW - Waste Water
DW - Drinking Water
OT - Other

Remarks:

NYS EQUIS EDD; ASP CAT B RPT

Samples returned via:

UPS ☒ FedEx ☐ Courier ☐

Tracking # 4142 5232 6075

pH Temp

Flow Other

Sample Receipt Checklist

COC Seal Present/Intact: ☒ Y ☐ N
COC Signed/Accurate: ☒ Y ☐ N
Bottles arrive intact: ☒ Y ☐ N
Correct bottles used: ☒ Y ☐ N
Sufficient volume sent: ☒ Y ☐ N
If Applicable
VOA Zero Headspace: ☒ Y ☐ N
Preservation Correct/Checked: ☒ Y ☐ N

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes/No

HCL/MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold:

Condition:
NCF/OK

Andy Vann

ESC Lab Sciences
Non-Conformance Form

Login #:L966032	Client:LABRNY	Date:01/27/18	Evaluated by: Myra "Katie" Ingram
-----------------	---------------	---------------	-----------------------------------

Non-Conformance (check applicable items)

Sample Integrity	Chain of Custody Clarification	If Broken Container:
Parameter(s) past holding time	X Login Clarification Needed	
Improper temperature	Chain of custody is incomplete	Insufficient packing material around container
Improper container type	Please specify Metals requested.	Insufficient packing material inside cooler
Improper preservation	Please specify TCLP requested.	Improper handling by carrier (FedEx / UPS / Couri
Insufficient sample volume.	Received additional samples not listed on coc.	Sample was frozen
Sample is biphasic.	Sample ids on containers do not match ids on coc	Container lid not intact
Vials received with headspace.	Trip Blank not received.	If no Chain of Custody:
Broken container	Client did not "X" analysis.	Received by:
Broken container:	Chain of Custody is missing	Date/Time:
Sufficient sample remains		Temp./Cont. Rec./pH:
		Carrier:
		Tracking#

Login Comments:

Client is requesting "WETCHEM" Please specify wetchem analysis.

Client informed by:	Call	X	Email	Voice Mail	Date: 1/29/18	Time: 10:25
TSR Initials: TAH	Client Contact: Steven Rife					

Login Instructions:

Nitrate and Sulfate

This E-mail and any attached files are confidential, and may be copyright protected. If you are not the addressee, any dissemination of this communication is strictly prohibited. If you have received this message in error, please contact the sender immediately and delete/destroy all information received.

February 05, 2018

LaBella Associates, P.C.

Sample Delivery Group: L965776
Samples Received: 01/26/2018
Project Number: 209280
Description: 690 St. Paul GW - Jan 2018
Site: 690 ST. PAUL GW-JAN 2018
Report To: Mr. Steven Rife
300 State Street, Suite 201
Rochester, NY 14614

Entire Report Reviewed By:



T. Alan Harvill

Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



BW-20 L965776-01 GW

Collected by
S. Rife

Collected date/time
01/24/18 12:25

Received date/time
01/26/18 08:45

¹ Cp

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG1066906	1	01/26/18 11:50	01/26/18 11:50	MAJ
Wet Chemistry by Method 9056A	WG1067228	10	01/27/18 18:00	01/27/18 18:00	DR
Wet Chemistry by Method 9060A	WG1067389	1	01/28/18 12:41	01/28/18 12:41	SJM
Metals (ICP) by Method 6010C	WG1066927	1	01/26/18 12:57	01/29/18 10:17	CCE
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	10	01/27/18 21:38	01/27/18 21:38	BMB
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1068798	250	02/01/18 08:04	02/01/18 08:04	RAS

² Tc

³ Ss

⁴ Cn

⁵ Sr

BW-6 L965776-02 GW

Collected by
S. Rife

Collected date/time
01/24/18 15:15

Received date/time
01/26/18 08:45

⁶ Qc

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG1066906	5	01/26/18 18:23	01/26/18 18:23	MAJ
Wet Chemistry by Method 9056A	WG1068950	1	02/01/18 17:05	02/01/18 17:05	DR
Wet Chemistry by Method 9060A	WG1067122	1	01/27/18 16:38	01/27/18 16:38	SJM
Metals (ICP) by Method 6010C	WG1066927	1	01/26/18 12:57	01/29/18 10:27	CCE
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/27/18 21:58	01/27/18 21:58	BMB
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1068798	10	02/01/18 08:24	02/01/18 08:24	RAS

⁷ Gl

⁸ Al

⁹ Sc

BW-19 L965776-03 GW

Collected by
S. Rife

Collected date/time
01/25/18 12:45

Received date/time
01/26/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG1066906	1	01/26/18 14:47	01/26/18 14:47	MAJ
Wet Chemistry by Method 9056A	WG1066906	5	01/26/18 15:02	01/26/18 15:02	MAJ
Wet Chemistry by Method 9060A	WG1067122	1	01/27/18 16:56	01/27/18 16:56	SJM
Metals (ICP) by Method 6010C	WG1066927	1	01/26/18 12:57	01/29/18 10:30	CCE
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/27/18 22:18	01/27/18 22:18	BMB
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1068798	1	02/01/18 06:47	02/01/18 06:47	RAS

BW-7 L965776-04 GW

Collected by
S. Rife

Collected date/time
01/25/18 14:45

Received date/time
01/26/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG1066906	1	01/26/18 15:16	01/26/18 15:16	MAJ
Wet Chemistry by Method 9056A	WG1066906	5	01/26/18 18:38	01/26/18 18:38	MAJ
Wet Chemistry by Method 9060A	WG1067122	1	01/27/18 17:07	01/27/18 17:07	SJM
Metals (ICP) by Method 6010C	WG1066927	1	01/26/18 12:57	01/29/18 10:34	CCE
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/27/18 22:38	01/27/18 22:38	BMB
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1068798	1	02/01/18 07:06	02/01/18 07:06	RAS

DUPE L965776-05 GW

Collected by
S. Rife

Collected date/time
01/25/18 00:00

Received date/time
01/26/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG1066906	1	01/26/18 15:30	01/26/18 15:30	MAJ
Wet Chemistry by Method 9056A	WG1066906	5	01/26/18 19:21	01/26/18 19:21	MAJ
Wet Chemistry by Method 9060A	WG1067122	1	01/27/18 17:18	01/27/18 17:18	SJM
Metals (ICP) by Method 6010C	WG1066927	1	01/26/18 12:57	01/29/18 10:37	CCE
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1067225	1	01/27/18 22:58	01/27/18 22:58	BMB



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

T. Alan Harvill
Technical Service Representative

Sample Narrative

L965776-02 - Nitrate analysis unable to be performed within the 48hr Method hold time due to autosampler error.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	01/26/2018 11:50	WG1066906
Sulfate	444000		50000	10	01/27/2018 18:00	WG1067228

Wet Chemistry by Method 9060A

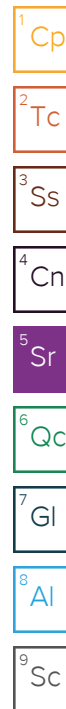
Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	5300		1000	1	01/28/2018 12:41	WG1067389

Metals (ICP) by Method 6010C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	ND		100	1	01/29/2018 10:17	WG1066927

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	<u>J0</u>	500	10	01/27/2018 21:38	WG1067225
Benzene	ND		10.0	10	01/27/2018 21:38	WG1067225
Bromochloromethane	ND		10.0	10	01/27/2018 21:38	WG1067225
Bromodichloromethane	ND		10.0	10	01/27/2018 21:38	WG1067225
Bromoform	ND		10.0	10	01/27/2018 21:38	WG1067225
Bromomethane	ND		50.0	10	01/27/2018 21:38	WG1067225
Carbon disulfide	ND		10.0	10	01/27/2018 21:38	WG1067225
Carbon tetrachloride	ND		10.0	10	01/27/2018 21:38	WG1067225
Chlorobenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
Chlorodibromomethane	ND		10.0	10	01/27/2018 21:38	WG1067225
Chloroethane	ND		50.0	10	01/27/2018 21:38	WG1067225
Chloroform	ND		50.0	10	01/27/2018 21:38	WG1067225
Chloromethane	ND		25.0	10	01/27/2018 21:38	WG1067225
Cyclohexane	ND	<u>J6</u>	10.0	10	01/27/2018 21:38	WG1067225
1,2-Dibromo-3-Chloropropane	ND		50.0	10	01/27/2018 21:38	WG1067225
1,2-Dibromoethane	ND		10.0	10	01/27/2018 21:38	WG1067225
1,2-Dichlorobenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
1,3-Dichlorobenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
1,4-Dichlorobenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
Dichlorodifluoromethane	ND		50.0	10	01/27/2018 21:38	WG1067225
1,1-Dichloroethane	ND		10.0	10	01/27/2018 21:38	WG1067225
1,2-Dichloroethane	ND		10.0	10	01/27/2018 21:38	WG1067225
1,1-Dichloroethene	104		10.0	10	01/27/2018 21:38	WG1067225
cis-1,2-Dichloroethene	16800		250	250	02/01/2018 08:04	WG1068798
trans-1,2-Dichloroethene	141		10.0	10	01/27/2018 21:38	WG1067225
1,2-Dichloropropane	ND		10.0	10	01/27/2018 21:38	WG1067225
cis-1,3-Dichloropropene	ND		10.0	10	01/27/2018 21:38	WG1067225
trans-1,3-Dichloropropene	ND		10.0	10	01/27/2018 21:38	WG1067225
Ethylbenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
2-Hexanone	ND		100	10	01/27/2018 21:38	WG1067225
Isopropylbenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
2-Butanone (MEK)	ND		100	10	01/27/2018 21:38	WG1067225
Methyl Acetate	ND		200	10	01/27/2018 21:38	WG1067225
Methyl Cyclohexane	ND		10.0	10	01/27/2018 21:38	WG1067225
Methylene Chloride	ND		50.0	10	01/27/2018 21:38	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		100	10	01/27/2018 21:38	WG1067225
Methyl tert-butyl ether	ND		10.0	10	01/27/2018 21:38	WG1067225
Naphthalene	ND		50.0	10	01/27/2018 21:38	WG1067225





Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	ND		10.0	10	01/27/2018 21:38	WG1067225
1,1,2,2-Tetrachloroethane	ND		10.0	10	01/27/2018 21:38	WG1067225
Tetrachloroethene	ND		10.0	10	01/27/2018 21:38	WG1067225
Toluene	ND		10.0	10	01/27/2018 21:38	WG1067225
1,2,3-Trichlorobenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
1,2,4-Trichlorobenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
1,1,1-Trichloroethane	ND		10.0	10	01/27/2018 21:38	WG1067225
1,1,2-Trichloroethane	ND		10.0	10	01/27/2018 21:38	WG1067225
Trichloroethene	5070		250	250	02/01/2018 08:04	WG1068798
Trichlorofluoromethane	ND		50.0	10	01/27/2018 21:38	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		10.0	10	01/27/2018 21:38	WG1067225
Vinyl chloride	4150		250	250	02/01/2018 08:04	WG1068798
o-Xylene	ND		10.0	10	01/27/2018 21:38	WG1067225
m&p-Xylenes	ND		20.0	10	01/27/2018 21:38	WG1067225
n-Butylbenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
sec-Butylbenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
tert-Butylbenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
1,2,4-Trimethylbenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
1,3,5-Trimethylbenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
n-Propylbenzene	ND		10.0	10	01/27/2018 21:38	WG1067225
p-Isopropyltoluene	ND		10.0	10	01/27/2018 21:38	WG1067225
(S) Toluene-d8	107		80.0-120		02/01/2018 08:04	WG1068798
(S) Toluene-d8	105		80.0-120		01/27/2018 21:38	WG1067225
(S) Dibromofluoromethane	94.7		76.0-123		02/01/2018 08:04	WG1068798
(S) Dibromofluoromethane	91.5		76.0-123		01/27/2018 21:38	WG1067225
(S) a,a,a-Trifluorotoluene	100		80.0-120		01/27/2018 21:38	WG1067225
(S) a,a,a-Trifluorotoluene	102		80.0-120		02/01/2018 08:04	WG1068798
(S) 4-Bromofluorobenzene	104		80.0-120		01/27/2018 21:38	WG1067225
(S) 4-Bromofluorobenzene	96.1		80.0-120		02/01/2018 08:04	WG1068798

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND	<u>Q</u>	100	1	02/01/2018 17:05	WG1068950
Sulfate	338000		25000	5	01/26/2018 18:23	WG1066906

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	3450		1000	1	01/27/2018 16:38	WG1067122

Metals (ICP) by Method 6010C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	494		100	1	01/29/2018 10:27	WG1066927

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	<u>JO</u>	50.0	1	01/27/2018 21:58	WG1067225
Benzene	ND		1.00	1	01/27/2018 21:58	WG1067225
Bromochloromethane	ND		1.00	1	01/27/2018 21:58	WG1067225
Bromodichloromethane	ND		1.00	1	01/27/2018 21:58	WG1067225
Bromoform	ND		1.00	1	01/27/2018 21:58	WG1067225
Bromomethane	ND		5.00	1	01/27/2018 21:58	WG1067225
Carbon disulfide	ND		1.00	1	01/27/2018 21:58	WG1067225
Carbon tetrachloride	ND		1.00	1	01/27/2018 21:58	WG1067225
Chlorobenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
Chlorodibromomethane	ND		1.00	1	01/27/2018 21:58	WG1067225
Chloroethane	ND		5.00	1	01/27/2018 21:58	WG1067225
Chloroform	ND		5.00	1	01/27/2018 21:58	WG1067225
Chloromethane	ND		2.50	1	01/27/2018 21:58	WG1067225
Cyclohexane	ND		1.00	1	01/27/2018 21:58	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/27/2018 21:58	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/27/2018 21:58	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/27/2018 21:58	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/27/2018 21:58	WG1067225
1,2-Dichloroethane	2.47		1.00	1	01/27/2018 21:58	WG1067225
1,1-Dichloroethene	1.39		1.00	1	01/27/2018 21:58	WG1067225
cis-1,2-Dichloroethene	286		10.0	10	02/01/2018 08:24	WG1068798
trans-1,2-Dichloroethene	3.73		1.00	1	01/27/2018 21:58	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/27/2018 21:58	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/27/2018 21:58	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/27/2018 21:58	WG1067225
Ethylbenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
2-Hexanone	ND		10.0	1	01/27/2018 21:58	WG1067225
Isopropylbenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/27/2018 21:58	WG1067225
Methyl Acetate	ND		20.0	1	01/27/2018 21:58	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/27/2018 21:58	WG1067225
Methylene Chloride	ND		5.00	1	01/27/2018 21:58	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/27/2018 21:58	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/27/2018 21:58	WG1067225
Naphthalene	ND		5.00	1	01/27/2018 21:58	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 01/24/18 15:15

L965776

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	ND		1.00	1	01/27/2018 21:58	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/27/2018 21:58	WG1067225
Tetrachloroethene	ND		1.00	1	01/27/2018 21:58	WG1067225
Toluene	ND		1.00	1	01/27/2018 21:58	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/27/2018 21:58	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/27/2018 21:58	WG1067225
Trichloroethene	243		10.0	10	02/01/2018 08:24	WG1068798
Trichlorofluoromethane	ND		5.00	1	01/27/2018 21:58	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/27/2018 21:58	WG1067225
Vinyl chloride	5.46		1.00	1	01/27/2018 21:58	WG1067225
o-Xylene	ND		1.00	1	01/27/2018 21:58	WG1067225
m&p-Xylenes	ND		2.00	1	01/27/2018 21:58	WG1067225
n-Butylbenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
sec-Butylbenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
tert-Butylbenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
1,3,5-Trimethylbenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
n-Propylbenzene	ND		1.00	1	01/27/2018 21:58	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/27/2018 21:58	WG1067225
(S) Toluene-d8	107		80.0-120		02/01/2018 08:24	WG1068798
(S) Toluene-d8	106		80.0-120		01/27/2018 21:58	WG1067225
(S) Dibromofluoromethane	95.4		76.0-123		02/01/2018 08:24	WG1068798
(S) Dibromofluoromethane	88.6		76.0-123		01/27/2018 21:58	WG1067225
(S) a,a,a-Trifluorotoluene	99.2		80.0-120		01/27/2018 21:58	WG1067225
(S) a,a,a-Trifluorotoluene	104		80.0-120		02/01/2018 08:24	WG1068798
(S) 4-Bromofluorobenzene	95.4		80.0-120		02/01/2018 08:24	WG1068798
(S) 4-Bromofluorobenzene	104		80.0-120		01/27/2018 21:58	WG1067225

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	01/26/2018 14:47	WG1066906
Sulfate	314000		25000	5	01/26/2018 15:02	WG1066906

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1470		1000	1	01/27/2018 16:56	WG1067122

Metals (ICP) by Method 6010C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	136		100	1	01/29/2018 10:30	WG1066927

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	JO	50.0	1	01/27/2018 22:18	WG1067225
Benzene	ND		1.00	1	01/27/2018 22:18	WG1067225
Bromochloromethane	ND		1.00	1	01/27/2018 22:18	WG1067225
Bromodichloromethane	ND		1.00	1	01/27/2018 22:18	WG1067225
Bromoform	ND		1.00	1	01/27/2018 22:18	WG1067225
Bromomethane	ND		5.00	1	01/27/2018 22:18	WG1067225
Carbon disulfide	ND		1.00	1	01/27/2018 22:18	WG1067225
Carbon tetrachloride	ND		1.00	1	01/27/2018 22:18	WG1067225
Chlorobenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
Chlorodibromomethane	ND		1.00	1	01/27/2018 22:18	WG1067225
Chloroethane	ND		5.00	1	01/27/2018 22:18	WG1067225
Chloroform	ND		5.00	1	01/27/2018 22:18	WG1067225
Chloromethane	ND		2.50	1	01/27/2018 22:18	WG1067225
Cyclohexane	ND		1.00	1	01/27/2018 22:18	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/27/2018 22:18	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/27/2018 22:18	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/27/2018 22:18	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/27/2018 22:18	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/27/2018 22:18	WG1067225
1,1-Dichloroethene	ND		1.00	1	01/27/2018 22:18	WG1067225
cis-1,2-Dichloroethene	17.4		1.00	1	02/01/2018 06:47	WG1068798
trans-1,2-Dichloroethene	ND		1.00	1	01/27/2018 22:18	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/27/2018 22:18	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/27/2018 22:18	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/27/2018 22:18	WG1067225
Ethylbenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
2-Hexanone	ND		10.0	1	01/27/2018 22:18	WG1067225
Isopropylbenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/27/2018 22:18	WG1067225
Methyl Acetate	ND		20.0	1	01/27/2018 22:18	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/27/2018 22:18	WG1067225
Methylene Chloride	ND		5.00	1	01/27/2018 22:18	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/27/2018 22:18	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/27/2018 22:18	WG1067225
Naphthalene	ND		5.00	1	01/27/2018 22:18	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 01/25/18 12:45

L965776

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	ND		1.00	1	01/27/2018 22:18	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/27/2018 22:18	WG1067225
Tetrachloroethene	ND		1.00	1	01/27/2018 22:18	WG1067225
Toluene	ND		1.00	1	01/27/2018 22:18	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/27/2018 22:18	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/27/2018 22:18	WG1067225
Trichloroethene	15.4		1.00	1	02/01/2018 06:47	WG1068798
Trichlorofluoromethane	ND		5.00	1	01/27/2018 22:18	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/27/2018 22:18	WG1067225
Vinyl chloride	ND		1.00	1	01/27/2018 22:18	WG1067225
o-Xylene	ND		1.00	1	01/27/2018 22:18	WG1067225
m&p-Xylenes	ND		2.00	1	01/27/2018 22:18	WG1067225
n-Butylbenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
sec-Butylbenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
tert-Butylbenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
1,3,5-Trimethylbenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
n-Propylbenzene	ND		1.00	1	01/27/2018 22:18	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/27/2018 22:18	WG1067225
(S) Toluene-d8	104		80.0-120		01/27/2018 22:18	WG1067225
(S) Toluene-d8	104		80.0-120		02/01/2018 06:47	WG1068798
(S) Dibromofluoromethane	89.7		76.0-123		01/27/2018 22:18	WG1067225
(S) Dibromofluoromethane	93.4		76.0-123		02/01/2018 06:47	WG1068798
(S) a,a,a-Trifluorotoluene	102		80.0-120		01/27/2018 22:18	WG1067225
(S) a,a,a-Trifluorotoluene	102		80.0-120		02/01/2018 06:47	WG1068798
(S) 4-Bromofluorobenzene	94.4		80.0-120		02/01/2018 06:47	WG1068798
(S) 4-Bromofluorobenzene	103		80.0-120		01/27/2018 22:18	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate as (N)	1010		100	1	01/26/2018 15:16	WG1066906
Sulfate	144000		25000	5	01/26/2018 18:38	WG1066906

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1580		1000	1	01/27/2018 17:07	WG1067122

Metals (ICP) by Method 6010C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	7140		100	1	01/29/2018 10:34	WG1066927

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	JO	50.0	1	01/27/2018 22:38	WG1067225
Benzene	ND		1.00	1	01/27/2018 22:38	WG1067225
Bromochloromethane	ND		1.00	1	01/27/2018 22:38	WG1067225
Bromodichloromethane	ND		1.00	1	01/27/2018 22:38	WG1067225
Bromoform	ND		1.00	1	01/27/2018 22:38	WG1067225
Bromomethane	ND		5.00	1	01/27/2018 22:38	WG1067225
Carbon disulfide	ND		1.00	1	01/27/2018 22:38	WG1067225
Carbon tetrachloride	ND		1.00	1	01/27/2018 22:38	WG1067225
Chlorobenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
Chlorodibromomethane	ND		1.00	1	01/27/2018 22:38	WG1067225
Chloroethane	ND		5.00	1	01/27/2018 22:38	WG1067225
Chloroform	ND		5.00	1	01/27/2018 22:38	WG1067225
Chloromethane	ND		2.50	1	01/27/2018 22:38	WG1067225
Cyclohexane	ND		1.00	1	01/27/2018 22:38	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/27/2018 22:38	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/27/2018 22:38	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/27/2018 22:38	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/27/2018 22:38	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/27/2018 22:38	WG1067225
1,1-Dichloroethene	ND		1.00	1	01/27/2018 22:38	WG1067225
cis-1,2-Dichloroethene	3.06		1.00	1	02/01/2018 07:06	WG1068798
trans-1,2-Dichloroethene	ND		1.00	1	01/27/2018 22:38	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/27/2018 22:38	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/27/2018 22:38	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/27/2018 22:38	WG1067225
Ethylbenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
2-Hexanone	ND		10.0	1	01/27/2018 22:38	WG1067225
Isopropylbenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/27/2018 22:38	WG1067225
Methyl Acetate	ND		20.0	1	01/27/2018 22:38	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/27/2018 22:38	WG1067225
Methylene Chloride	ND		5.00	1	01/27/2018 22:38	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/27/2018 22:38	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/27/2018 22:38	WG1067225
Naphthalene	ND		5.00	1	01/27/2018 22:38	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 01/25/18 14:45

L965776

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	ND		1.00	1	01/27/2018 22:38	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/27/2018 22:38	WG1067225
Tetrachloroethene	ND		1.00	1	01/27/2018 22:38	WG1067225
Toluene	ND		1.00	1	01/27/2018 22:38	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/27/2018 22:38	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/27/2018 22:38	WG1067225
Trichloroethene	10.1		1.00	1	02/01/2018 07:06	WG1068798
Trichlorofluoromethane	ND		5.00	1	01/27/2018 22:38	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/27/2018 22:38	WG1067225
Vinyl chloride	ND		1.00	1	01/27/2018 22:38	WG1067225
o-Xylene	ND		1.00	1	01/27/2018 22:38	WG1067225
m&p-Xylenes	ND		2.00	1	01/27/2018 22:38	WG1067225
n-Butylbenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
sec-Butylbenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
tert-Butylbenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
1,3,5-Trimethylbenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
n-Propylbenzene	ND		1.00	1	01/27/2018 22:38	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/27/2018 22:38	WG1067225
(S) Toluene-d8	103		80.0-120		02/01/2018 07:06	WG1068798
(S) Toluene-d8	102		80.0-120		01/27/2018 22:38	WG1067225
(S) Dibromofluoromethane	88.7		76.0-123		01/27/2018 22:38	WG1067225
(S) Dibromofluoromethane	95.9		76.0-123		02/01/2018 07:06	WG1068798
(S) a,a,a-Trifluorotoluene	102		80.0-120		01/27/2018 22:38	WG1067225
(S) a,a,a-Trifluorotoluene	100		80.0-120		02/01/2018 07:06	WG1068798
(S) 4-Bromofluorobenzene	101		80.0-120		01/27/2018 22:38	WG1067225
(S) 4-Bromofluorobenzene	94.5		80.0-120		02/01/2018 07:06	WG1068798

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Nitrate as (N)	1280		100	1	01/26/2018 15:30	WG1066906
Sulfate	309000		25000	5	01/26/2018 19:21	WG1066906

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1400		1000	1	01/27/2018 17:18	WG1067122

Metals (ICP) by Method 6010C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	ND		100	1	01/29/2018 10:37	WG1066927

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	JO	50.0	1	01/27/2018 22:58	WG1067225
Benzene	ND		1.00	1	01/27/2018 22:58	WG1067225
Bromochloromethane	ND		1.00	1	01/27/2018 22:58	WG1067225
Bromodichloromethane	ND		1.00	1	01/27/2018 22:58	WG1067225
Bromoform	ND		1.00	1	01/27/2018 22:58	WG1067225
Bromomethane	ND		5.00	1	01/27/2018 22:58	WG1067225
Carbon disulfide	ND		1.00	1	01/27/2018 22:58	WG1067225
Carbon tetrachloride	ND		1.00	1	01/27/2018 22:58	WG1067225
Chlorobenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
Chlorodibromomethane	ND		1.00	1	01/27/2018 22:58	WG1067225
Chloroethane	ND		5.00	1	01/27/2018 22:58	WG1067225
Chloroform	ND		5.00	1	01/27/2018 22:58	WG1067225
Chloromethane	ND		2.50	1	01/27/2018 22:58	WG1067225
Cyclohexane	ND		1.00	1	01/27/2018 22:58	WG1067225
1,2-Dibromo-3-Chloropropane	ND		5.00	1	01/27/2018 22:58	WG1067225
1,2-Dibromoethane	ND		1.00	1	01/27/2018 22:58	WG1067225
1,2-Dichlorobenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
1,3-Dichlorobenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
1,4-Dichlorobenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
Dichlorodifluoromethane	ND		5.00	1	01/27/2018 22:58	WG1067225
1,1-Dichloroethane	ND		1.00	1	01/27/2018 22:58	WG1067225
1,2-Dichloroethane	ND		1.00	1	01/27/2018 22:58	WG1067225
1,1-Dichloroethene	ND		1.00	1	01/27/2018 22:58	WG1067225
cis-1,2-Dichloroethene	17.0		1.00	1	01/27/2018 22:58	WG1067225
trans-1,2-Dichloroethene	ND		1.00	1	01/27/2018 22:58	WG1067225
1,2-Dichloropropane	ND		1.00	1	01/27/2018 22:58	WG1067225
cis-1,3-Dichloropropene	ND		1.00	1	01/27/2018 22:58	WG1067225
trans-1,3-Dichloropropene	ND		1.00	1	01/27/2018 22:58	WG1067225
Ethylbenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
2-Hexanone	ND		10.0	1	01/27/2018 22:58	WG1067225
Isopropylbenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
2-Butanone (MEK)	ND		10.0	1	01/27/2018 22:58	WG1067225
Methyl Acetate	ND		20.0	1	01/27/2018 22:58	WG1067225
Methyl Cyclohexane	ND		1.00	1	01/27/2018 22:58	WG1067225
Methylene Chloride	ND		5.00	1	01/27/2018 22:58	WG1067225
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	01/27/2018 22:58	WG1067225
Methyl tert-butyl ether	ND		1.00	1	01/27/2018 22:58	WG1067225
Naphthalene	ND		5.00	1	01/27/2018 22:58	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 01/25/18 00:00

L965776

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	ND		1.00	1	01/27/2018 22:58	WG1067225
1,1,2,2-Tetrachloroethane	ND		1.00	1	01/27/2018 22:58	WG1067225
Tetrachloroethene	ND		1.00	1	01/27/2018 22:58	WG1067225
Toluene	ND		1.00	1	01/27/2018 22:58	WG1067225
1,2,3-Trichlorobenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
1,2,4-Trichlorobenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
1,1,1-Trichloroethane	ND		1.00	1	01/27/2018 22:58	WG1067225
1,1,2-Trichloroethane	ND		1.00	1	01/27/2018 22:58	WG1067225
Trichloroethene	15.6		1.00	1	01/27/2018 22:58	WG1067225
Trichlorofluoromethane	ND		5.00	1	01/27/2018 22:58	WG1067225
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	01/27/2018 22:58	WG1067225
Vinyl chloride	ND		1.00	1	01/27/2018 22:58	WG1067225
o-Xylene	ND		1.00	1	01/27/2018 22:58	WG1067225
m&p-Xylenes	ND		2.00	1	01/27/2018 22:58	WG1067225
n-Butylbenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
sec-Butylbenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
tert-Butylbenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
1,2,4-Trimethylbenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
1,3,5-Trimethylbenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
n-Propylbenzene	ND		1.00	1	01/27/2018 22:58	WG1067225
p-Isopropyltoluene	ND		1.00	1	01/27/2018 22:58	WG1067225
(S) Toluene-d8	103		80.0-120		01/27/2018 22:58	WG1067225
(S) Dibromofluoromethane	90.1		76.0-123		01/27/2018 22:58	WG1067225
(S) a,a,a-Trifluorotoluene	101		80.0-120		01/27/2018 22:58	WG1067225
(S) 4-Bromofluorobenzene	103		80.0-120		01/27/2018 22:58	WG1067225

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3282145-1 01/26/18 11:35

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Nitrate	U		22.7	100
Sulfate	95.3	J	77.4	5000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L965770-02 Original Sample (OS) • Duplicate (DUP)

(OS) L965770-02 01/26/18 15:45 • (DUP) R3282145-4 01/26/18 16:28

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate	999	998	1	0.0902		15
Sulfate	ND	1380	1	0		15

L965826-01 Original Sample (OS) • Duplicate (DUP)

(OS) L965826-01 01/26/18 20:33 • (DUP) R3282145-7 01/26/18 20:47

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate	ND	0.000	1	0		15
Sulfate	58700	58400	1	0.613		15

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282145-2 01/26/18 12:04 • (LCSD) R3282145-3 01/26/18 12:18

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Nitrate	8000	8230	8210	103	103	80-120			0.243	15
Sulfate	40000	40700	40700	102	102	80-120			0.15	15

L965776-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L965776-01 01/26/18 11:50 • (MS) R3282145-5 01/26/18 17:40 • (MSD) R3282145-6 01/26/18 17:54

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Nitrate	5000	ND	4910	4970	98.3	99.3	1	80-120			1.03	15



L965826-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L965826-01 01/26/18 20:33 • (MS) R3282145-8 01/26/18 21:02

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Nitrate	5000	ND	5000	100	1	80-120	
Sulfate	50000	58700	106000	94.1	1	80-120	E

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Method Blank (MB)

(MB) R3282222-1 01/27/18 10:35

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Sulfate	U		77.4	5000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L966045-01 Original Sample (OS) • Duplicate (DUP)

(OS) L966045-01 01/27/18 19:10 • (DUP) R3282222-6 01/27/18 19:20

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	22500	23900	1	6		15

L966057-01 Original Sample (OS) • Duplicate (DUP)

(OS) L966057-01 01/27/18 19:49 • (DUP) R3282222-7 01/27/18 19:59

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	24900	25700	1	3		15

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282222-2 01/27/18 10:44 • (LCSD) R3282222-3 01/27/18 10:54

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Sulfate	40000	39200	39700	98	99	80-120			1	15

Method Blank (MB)

(MB) R3283447-1 02/01/18 10:44

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Nitrate	U		22.7	100

L967038-01 Original Sample (OS) • Duplicate (DUP)

(OS) L967038-01 02/01/18 18:09 • (DUP) R3283447-4 02/01/18 18:19

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate	728	1130	1	44	J3	15

L967097-02 Original Sample (OS) • Duplicate (DUP)

(OS) L967097-02 02/01/18 21:57 • (DUP) R3283447-7 02/01/18 22:07

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate	ND	0.000	1	0		15

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3283447-2 02/01/18 10:54 • (LCSD) R3283447-3 02/01/18 11:04

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Nitrate	8000	7790	7820	97	98	80-120			0	15

L967038-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L967038-01 02/01/18 18:09 • (MS) R3283447-5 02/01/18 18:29 • (MSD) R3283447-6 02/01/18 18:39

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Nitrate	5000	728	5530	6110	96	108	1	80-120			10	15

L967097-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L967097-02 02/01/18 21:57 • (MS) R3283447-8 02/01/18 22:17

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Nitrate	5000	ND	4270	85	1	80-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R3282215-1 01/27/18 10:06

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	U		102	1000

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

L965709-01 Original Sample (OS) • Duplicate (DUP)

(OS) L965709-01 01/27/18 13:34 • (DUP) R3282215-4 01/27/18 13:45

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	204000	209000	100	2.47		20

L965770-04 Original Sample (OS) • Duplicate (DUP)

(OS) L965770-04 01/27/18 14:30 • (DUP) R3282215-5 01/27/18 14:41

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	3920	3640	1	7.3		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282215-2 01/27/18 11:15 • (LCSD) R3282215-3 01/27/18 12:43

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
TOC (Total Organic Carbon)	75000	72300	73400	96.4	97.8	85-115			1.48	20



Method Blank (MB)

(MB) R3282321-1 01/28/18 10:40

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	U		102	1000

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

L966032-01 Original Sample (OS) • Duplicate (DUP)

(OS) L966032-01 01/28/18 15:00 • (DUP) R3282321-6 01/28/18 15:11

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	4120	4410	1	6.89		20

L966161-02 Original Sample (OS) • Duplicate (DUP)

(OS) L966161-02 01/28/18 17:18 • (DUP) R3282321-7 01/28/18 17:29

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	5520	5550	1	0.506		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282321-2 01/28/18 11:39 • (LCSD) R3282321-5 01/28/18 13:36

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
TOC (Total Organic Carbon)	75000	73500	72800	98	97	85-115			0.944	20

L965776-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L965776-01 01/28/18 12:41 • (MS) R3282321-3 01/28/18 12:59 • (MSD) R3282321-4 01/28/18 13:15

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	50000	5300	50200	50000	89.8	89.5	1	80-120			0.339	20



Method Blank (MB)

(MB) R3282421-1 01/29/18 09:48

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	U		14.1	100

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3282421-2 01/29/18 09:51 • (LCSD) R3282421-3 01/29/18 09:54

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Iron	10000	9780	9770	97.8	97.7	80-120			0.069	20

L965754-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L965754-02 01/29/18 09:57 • (MS) R3282421-5 01/29/18 10:04 • (MSD) R3282421-6 01/29/18 10:07

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	10000	741	10500	10200	97.2	94.6	1	75-125			2.54	20

Method Blank (MB)

(MB) R3283190-2 01/27/18 20:35

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		10.0	50.0
Benzene	U		0.331	1.00
Bromodichloromethane	U		0.380	1.00
Bromochloromethane	U		0.520	1.00
Bromoform	U		0.469	1.00
Bromomethane	U		0.866	5.00
n-Butylbenzene	U		0.361	1.00
sec-Butylbenzene	U		0.365	1.00
tert-Butylbenzene	U		0.399	1.00
Carbon disulfide	U		0.275	1.00
Carbon tetrachloride	U		0.379	1.00
Chlorobenzene	U		0.348	1.00
Chlorodibromomethane	U		0.327	1.00
Chloroethane	U		0.453	5.00
Chloroform	U		0.324	5.00
Chloromethane	U		0.276	2.50
Cyclohexane	U		0.390	1.00
1,2-Dibromo-3-Chloropropane	U		1.33	5.00
1,2-Dibromoethane	U		0.381	1.00
1,2-Dichlorobenzene	U		0.349	1.00
1,3-Dichlorobenzene	U		0.220	1.00
1,4-Dichlorobenzene	U		0.274	1.00
Dichlorodifluoromethane	U		0.551	5.00
1,1-Dichloroethane	U		0.259	1.00
1,2-Dichloroethane	U		0.361	1.00
1,1-Dichloroethene	U		0.398	1.00
cis-1,2-Dichloroethene	U		0.260	1.00
trans-1,2-Dichloroethene	U		0.396	1.00
1,2-Dichloropropane	U		0.306	1.00
cis-1,3-Dichloropropene	U		0.418	1.00
trans-1,3-Dichloropropene	U		0.419	1.00
Ethylbenzene	U		0.384	1.00
2-Hexanone	U		3.82	10.0
Isopropylbenzene	U		0.326	1.00
p-Isopropyltoluene	U		0.350	1.00
2-Butanone (MEK)	U		3.93	10.0
Methyl Acetate	U		4.30	20.0
Methyl Cyclohexane	U		0.380	1.00
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R3283190-2 01/27/18 20:35

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.349	1.00
Styrene	U		0.307	1.00
1,1,2,2-Tetrachloroethane	U		0.130	1.00
Tetrachloroethene	U		0.372	1.00
Toluene	U		0.412	1.00
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.355	1.00
1,1,1-Trichloroethane	U		0.319	1.00
1,1,2-Trichloroethane	U		0.383	1.00
Trichloroethene	U		0.398	1.00
Trichlorofluoromethane	U		1.20	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Vinyl chloride	U		0.259	1.00
o-Xylene	U		0.341	1.00
m&p-Xylenes	U		0.719	2.00
(S) Toluene-d8	103			80.0-120
(S) Dibromofluoromethane	93.1			76.0-123
(S) a,a,a-Trifluorotoluene	103			80.0-120
(S) 4-Bromofluorobenzene	102			80.0-120

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R3283190-1 01/27/18 19:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	125	99.5	79.6	10.0-160	
Benzene	25.0	21.7	86.8	69.0-123	
Bromodichloromethane	25.0	22.8	91.1	76.0-120	
Bromochloromethane	25.0	23.7	94.7	76.0-122	
Bromoform	25.0	24.1	96.3	67.0-132	
Bromomethane	25.0	20.7	83.0	18.0-160	
n-Butylbenzene	25.0	24.1	96.2	72.0-126	
sec-Butylbenzene	25.0	23.9	95.5	74.0-121	
tert-Butylbenzene	25.0	24.0	95.8	75.0-122	
Carbon disulfide	25.0	20.2	81.0	55.0-127	



Laboratory Control Sample (LCS)

(LCS) R3283190-1 01/27/18 19:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Carbon tetrachloride	25.0	20.1	80.6	63.0-122	
Chlorobenzene	25.0	25.0	100	79.0-121	
Chlorodibromomethane	25.0	25.0	99.9	75.0-125	
Chloroethane	25.0	22.8	91.1	47.0-152	
Chloroform	25.0	22.2	88.9	72.0-121	
Chloromethane	25.0	20.6	82.5	48.0-139	
Cyclohexane	25.0	20.8	83.2	70.0-130	
1,2-Dibromo-3-Chloropropane	25.0	23.9	95.5	64.0-127	
1,2-Dibromoethane	25.0	25.8	103	77.0-123	
1,2-Dichlorobenzene	25.0	24.3	97.0	80.0-120	
1,3-Dichlorobenzene	25.0	24.6	98.5	72.0-123	
1,4-Dichlorobenzene	25.0	23.0	91.9	77.0-120	
Dichlorodifluoromethane	25.0	26.7	107	49.0-155	
1,1-Dichloroethane	25.0	21.4	85.7	70.0-126	
1,2-Dichloroethane	25.0	21.7	86.9	67.0-126	
1,1-Dichloroethene	25.0	21.1	84.4	64.0-129	
cis-1,2-Dichloroethene	25.0	21.4	85.6	73.0-120	
trans-1,2-Dichloroethene	25.0	21.4	85.7	71.0-121	
1,2-Dichloropropane	25.0	23.3	93.0	75.0-125	
cis-1,3-Dichloropropene	25.0	25.1	100	79.0-123	
trans-1,3-Dichloropropene	25.0	25.0	99.9	74.0-127	
Ethylbenzene	25.0	24.3	97.2	77.0-120	
2-Hexanone	125	121	97.1	58.0-147	
Isopropylbenzene	25.0	24.3	97.3	75.0-120	
p-Isopropyltoluene	25.0	23.8	95.3	74.0-126	
2-Butanone (MEK)	125	104	82.9	37.0-158	
Methyl Acetate	125	110	87.9	70.0-130	
Methyl Cyclohexane	25.0	21.7	86.9	70.0-130	
Methylene Chloride	25.0	19.9	79.5	66.0-121	
4-Methyl-2-pentanone (MIBK)	125	128	103	59.0-143	
Methyl tert-butyl ether	25.0	21.6	86.6	64.0-123	
Naphthalene	25.0	23.5	94.1	62.0-128	
n-Propylbenzene	25.0	23.7	94.9	79.0-120	
Styrene	25.0	24.0	95.9	78.0-124	
1,1,2,2-Tetrachloroethane	25.0	23.0	92.0	71.0-122	
Tetrachloroethene	25.0	25.3	101	70.0-127	
Toluene	25.0	23.1	92.6	77.0-120	
1,1,2-Trichlorotrifluoroethane	25.0	22.3	89.2	61.0-136	
1,2,3-Trichlorobenzene	25.0	24.0	96.1	61.0-133	
1,2,4-Trichlorobenzene	25.0	24.3	97.3	69.0-129	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Laboratory Control Sample (LCS)

(LCS) R3283190-1 01/27/18 19:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,1,1-Trichloroethane	25.0	22.2	88.8	68.0-122	
1,1,2-Trichloroethane	25.0	24.8	99.1	78.0-120	
Trichloroethene	25.0	24.4	97.6	78.0-120	
Trichlorofluoromethane	25.0	24.0	95.8	56.0-137	
1,2,4-Trimethylbenzene	25.0	25.1	100	75.0-120	
1,3,5-Trimethylbenzene	25.0	24.3	97.2	75.0-120	
Vinyl chloride	25.0	24.7	99.0	64.0-133	
o-Xylene	25.0	25.4	102	78.0-120	
m&p-Xylenes	50.0	48.9	97.9	77.0-120	
(S) Toluene-d8			100	80.0-120	
(S) Dibromofluoromethane			91.2	76.0-123	
(S) a,a,a-Trifluorotoluene			101	80.0-120	
(S) 4-Bromofluorobenzene			102	80.0-120	

L965776-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L965776-01 01/27/18 21:38 • (MS) R3283190-3 01/28/18 03:36 • (MSD) R3283190-4 01/28/18 03:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	125	ND	599	634	47.9	50.7	10	10.0-139			5.69	25
Benzene	25.0	ND	181	199	72.4	79.5	10	34.0-147			9.40	20
Bromodichloromethane	25.0	ND	212	219	84.8	87.7	10	52.0-135			3.40	20
Bromochloromethane	25.0	ND	201	211	80.6	84.3	10	53.0-138			4.57	20
Bromoform	25.0	ND	220	257	88.1	103	10	50.0-146			15.3	20
Bromomethane	25.0	ND	137	153	55.0	61.1	10	10.0-160			10.6	23
n-Butylbenzene	25.0	ND	204	241	81.7	96.5	10	50.0-144			16.6	20
sec-Butylbenzene	25.0	ND	219	257	87.6	103	10	48.0-143			16.0	20
tert-Butylbenzene	25.0	ND	218	257	87.3	103	10	50.0-142			16.3	20
Carbon disulfide	25.0	ND	106	120	42.5	47.9	10	10.0-147			11.9	20
Carbon tetrachloride	25.0	ND	183	192	73.0	76.6	10	41.0-138			4.80	20
Chlorobenzene	25.0	ND	218	246	87.4	98.4	10	52.0-141			11.8	20
Chlorodibromomethane	25.0	ND	222	238	88.7	95.1	10	54.0-142			6.95	20
Chloroethane	25.0	ND	178	191	71.2	76.4	10	23.0-160			7.05	20
Chloroform	25.0	ND	198	215	79.2	86.1	10	50.0-139			8.33	20
Chloromethane	25.0	ND	147	159	59.0	63.6	10	14.0-151			7.50	20
Cyclohexane	25.0	ND	152	173	60.6	69.2	10	70.0-130	J6	J6	13.2	20
1,2-Dibromo-3-Chloropropane	25.0	ND	200	233	79.9	93.3	10	49.0-144			15.4	24
1,2-Dibromoethane	25.0	ND	213	241	85.4	96.4	10	54.0-140			12.1	20
1,2-Dichlorobenzene	25.0	ND	216	231	86.3	92.5	10	56.0-139			6.84	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L965776-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L965776-01 01/27/18 21:38 • (MS) R3283190-3 01/28/18 03:36 • (MSD) R3283190-4 01/28/18 03:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,3-Dichlorobenzene	25.0	ND	205	241	82.1	96.4	10	50.0-141			16.0	20
1,4-Dichlorobenzene	25.0	ND	205	234	82.0	93.5	10	53.0-136			13.1	20
Dichlorodifluoromethane	25.0	ND	240	263	96.2	105	10	20.0-160			8.80	21
1,1-Dichloroethane	25.0	ND	185	197	74.1	78.9	10	47.0-143			6.35	20
1,2-Dichloroethane	25.0	ND	191	207	76.6	83.0	10	47.0-141			8.03	20
1,1-Dichloroethene	25.0	104	260	276	62.0	68.5	10	31.0-148			6.02	20
cis-1,2-Dichloroethene	25.0	13600	13100	13500	0.000	0.000	10	43.0-142	EV	EV	3.17	20
trans-1,2-Dichloroethene	25.0	141	298	307	62.6	66.3	10	36.0-141			3.10	20
1,2-Dichloropropane	25.0	ND	211	226	84.4	90.6	10	51.0-141			7.07	20
cis-1,3-Dichloropropene	25.0	ND	220	236	87.8	94.6	10	53.0-139			7.41	20
trans-1,3-Dichloropropene	25.0	ND	221	235	88.5	94.1	10	51.0-143			6.11	20
Ethylbenzene	25.0	ND	219	233	87.6	93.2	10	42.0-147			6.21	20
2-Hexanone	125	ND	1100	1170	88.0	94.0	10	36.0-145			6.53	23
Isopropylbenzene	25.0	ND	210	250	84.2	99.8	10	48.0-141			17.0	20
p-Isopropyltoluene	25.0	ND	209	248	83.6	99.1	10	49.0-146			17.0	20
2-Butanone (MEK)	125	ND	869	925	69.5	74.0	10	12.0-149			6.29	24
Methyl Acetate	125	ND	977	1010	78.1	80.7	10	70.0-130			3.19	20.8
Methyl Cyclohexane	25.0	ND	195	206	78.1	82.6	10	70.0-130			5.63	20.8
Methylene Chloride	25.0	ND	164	182	65.5	73.0	10	42.0-135			10.8	20
4-Methyl-2-pentanone (MIBK)	125	ND	1160	1220	92.7	97.6	10	44.0-160			5.20	22
Methyl tert-butyl ether	25.0	ND	192	197	76.8	78.6	10	42.0-142			2.36	20
Naphthalene	25.0	ND	202	231	80.7	92.3	10	42.0-146			13.4	24
n-Propylbenzene	25.0	ND	210	237	83.9	94.6	10	47.0-144			12.1	20
Styrene	25.0	ND	218	249	87.0	99.6	10	47.0-147			13.4	20
1,1,2,2-Tetrachloroethane	25.0	ND	226	246	90.4	98.6	10	46.0-149			8.66	20
Tetrachloroethene	25.0	ND	203	225	81.0	89.9	10	38.0-147			10.4	20
Toluene	25.0	ND	215	232	85.9	92.8	10	42.0-141			7.81	20
1,1,2-Trichlorotrifluoroethane	25.0	ND	200	222	79.9	89.0	10	40.0-151			10.7	21
1,2,3-Trichlorobenzene	25.0	ND	205	238	82.0	95.1	10	45.0-145			14.9	22
1,2,4-Trichlorobenzene	25.0	ND	206	243	82.4	97.2	10	49.0-147			16.5	21
1,1,1-Trichloroethane	25.0	ND	196	211	78.5	84.5	10	46.0-140			7.37	20
1,1,2-Trichloroethane	25.0	ND	234	255	93.6	102	10	54.0-139			8.61	20
Trichloroethene	25.0	4820	4830	4720	3.64	0.000	10	32.0-156	EV	EV	2.35	20
Trichlorofluoromethane	25.0	ND	196	219	78.4	87.4	10	32.0-152			10.8	20
1,2,4-Trimethylbenzene	25.0	ND	206	243	82.2	97.1	10	41.0-146			16.6	20
1,3,5-Trimethylbenzene	25.0	ND	209	243	83.7	97.2	10	44.0-143			14.9	20
Vinyl chloride	25.0	3560	3110	3180	0.000	0.000	10	24.0-153	EV	EV	2.25	20
o-Xylene	25.0	ND	223	237	89.1	95.0	10	44.0-146			6.34	20
m&p-Xylenes	50.0	ND	438	481	87.6	96.2	10	41.0-147			9.30	20
(S) Toluene-d8					107	107		80.0-120				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



L965776-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L965776-01 01/27/18 21:38 • (MS) R3283190-3 01/28/18 03:36 • (MSD) R3283190-4 01/28/18 03:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Dibromofluoromethane					87.7	91.0		76.0-123				
(S) a,a,a-Trifluorotoluene					98.0	95.4		80.0-120				
(S) 4-Bromofluorobenzene					103	106		80.0-120				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Method Blank (MB)

(MB) R3283371-2 01/31/18 23:59

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
cis-1,2-Dichloroethene	U		0.260	1.00
Trichloroethene	U		0.398	1.00
Vinyl chloride	U		0.259	1.00
(S) Toluene-d8	104			80.0-120
(S) Dibromofluoromethane	92.5			76.0-123
(S) a,a,a-Trifluorotoluene	104			80.0-120
(S) 4-Bromofluorobenzene	96.6			80.0-120

Laboratory Control Sample (LCS)

(LCS) R3283371-1 01/31/18 23:01

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	25.0	24.1	96.5	73.0-120	
Trichloroethene	25.0	27.2	109	78.0-120	
Vinyl chloride	25.0	29.6	119	64.0-133	
(S) Toluene-d8			99.3	80.0-120	
(S) Dibromofluoromethane			94.9	76.0-123	
(S) a,a,a-Trifluorotoluene			102	80.0-120	
(S) 4-Bromofluorobenzene			94.4	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J0	J0: Calibration verification outside of acceptance limits. Result is estimated.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
Q	Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.
V	The sample concentration is too high to evaluate accurate spike recoveries.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ^{1 4}	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

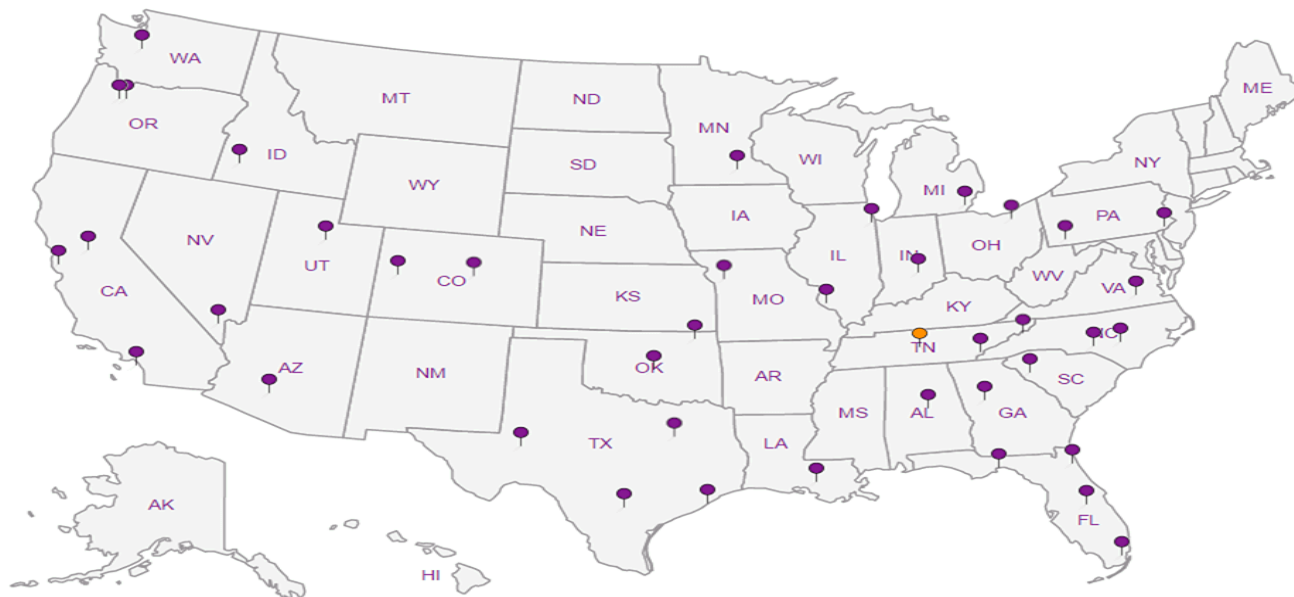
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP, LLC	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold n/a Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



LaBella Associates, P.C.

300 State Street, Suite 201
Rochester, NY 14614

Billing Information:

Attn: Accounts Payable
300 State St., Ste. 201
Rochester, NY 14614

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 1



YOUR LAB OF CHOICE

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



L# 1965776

Tab C086

Account: LABRNY

Template:

Prelogin:

TSR: 364 - T. Alan Harvill

PB:

Shipped Via:

Remarks

Sample # (lab only)

Report to: srife; mpelychaty

Email To: srife; mpelychaty

Project Description: 690 St. Paul GW-Jan 2018

City/State Collected: Rochester NY

Phone: 585-454-6110

Client Project #

Lab Project #

Fax:

209280

Collected by (print): S. Rife

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)

Quote #

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Date Results Needed

No.
of
Containers

Immediately

Packed on Ice N Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Containers	FEICP	TDC	V8260TCLC	WetChem	125ML HDPE - NoPres
BW-20	G	GW	-	1/24/18	1225	5	X	X	X	X	
MS (BW-20)	G	GW	-		1225	5	X	X	X	X	
MSD (BW-20)	G	GW	-		1225	5	X	X	X	X	
BW-6	G	GW	-		1515	5	X	X	X	X	
BW-19	G	GW	-	1/25/18	1245	5	X	X	X	X	
BW-7	G	GW	-		1445	5	X	X	X	X	
DUPE	G	GW	-	1/25/18	-	5	X	X	X	X	

* Matrix:

SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

*NYS EQUIS EDD; ASP CAT B Deliverable *

pH Temp

Flow Other

Samples returned via:

UPS FedEx Courier

Tracking # 1474 0937 6384

Relinquished by (Signature)

Date:

Time:

Received by (Signature)

Trip Blank Received: Yes/No

HCL/MeOH
TBR

Relinquished by (Signature)

Date:

Time:

Received by (Signature)

Temp: 2.3°C Bottles Received: 35

Relinquished by (Signature)

Date:

Time:

Received for lab by (Signature)

Date: 1/26/18 Time: 0845

Sample Receipt Checklist

COC Seal Present/Intact: Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

If preservation required by Login: Date/Time

Hold:

Condition:
NCF / OK



BUILDING 16 AND 22 LABORATORY REPORT

Centek Laboratories, LLC**Date:** 05-Feb-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801083
Project: 690 Saint Paul St
Lab ID: C1801083-001A

Client Sample ID: Bldg 22
Tag Number: 218.278
Collection Date: 1/26/2018
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	1/31/2018 7:07:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	1/31/2018 7:07:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	1/31/2018 7:07:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/31/2018 7:07:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	1/31/2018 7:07:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/31/2018 7:07:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC**Date:** 05-Feb-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801083
Project: 690 Saint Paul St
Lab ID: C1801083-002A

Client Sample ID: Bldg 16
Tag Number: 225.1171
Collection Date: 1/26/2018
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	1/31/2018 9:19:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	1/31/2018 9:19:00 PM
cis-1,2-Dichloroethene	0.16	0.16		ug/m3	1	1/31/2018 9:19:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/31/2018 9:19:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	1/31/2018 9:19:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/31/2018 9:19:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC**Date:** 05-Feb-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801083
Project: 690 Saint Paul St
Lab ID: C1801083-003A

Client Sample ID: Duplicate
Tag Number: 359.903
Collection Date: 1/26/2018
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	1/31/2018 10:00:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	1/31/2018 10:00:00 PM
cis-1,2-Dichloroethene	0.20	0.16		ug/m3	1	1/31/2018 10:00:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/31/2018 10:00:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	1/31/2018 10:00:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/31/2018 10:00:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC**Date:** 05-Feb-18

CLIENT: LaBella Associates, P.C.
Lab Order: C1801083
Project: 690 Saint Paul St
Lab ID: C1801083-004A

Client Sample ID: Outside
Tag Number: 161.304
Collection Date: 1/26/2018
Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE						Analyst: RJP
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	1/31/2018 10:40:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	1/31/2018 10:40:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	1/31/2018 10:40:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	1/31/2018 10:40:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	1/31/2018 10:40:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	1/31/2018 10:40:00 PM

Qualifiers:	**	Quantitation Limit	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits		



AOC #6 LNAPL MONITORING

LABELLA

Associates, D.P.C.

LNAPL INSPECTION FORM

PROJECT NAME:

NYSDEC BCP SITE NO. C828159

LOCATION:

690 ST. PAUL STREET, ROCHESTER, NEW YORK

300 STATE STREET, SUITE 201
ROCHESTER, NEW YORK 14614

PHONE: (585) 454-6110

FAX: (585) 454-3066

PROJECT NO.:

209280

INSPECTED BY:

S. Rife

DATE:

2/21/2018

WEATHER:

40°F, Cloudy

INSPECTION EVENT		WELL ID	DEVICE USED TO MEASURE LNAPL	LNAPL OBSERVED	ESTIMATED THICKNESS OF LNAPL LAYER (INCHES)	ABSORBENT SOCK INSTALLED	COMMENTS
SEMI-ANNUAL	ANNUAL						
X		BW-1	BAILER / OIL-WATER PROBE	YES / NO	~1.25"	YES / NO	
X		RW-EAST	BAILER / OIL-WATER PROBE	YES / NO	~2.50"	YES / NO	
X		RW-WEST	BAILER / OIL-WATER PROBE	YES / NO	NA	YES / NO	
X		REC-B-EAST	BAILER / OIL-WATER PROBE	YES / NO	NA	YES / NO	SHEEN OBSERVED; NO LNAPL
X		REC-B-WEST	BAILER / OIL-WATER PROBE	YES / NO	NA	YES / NO	
X		BW-14	BAILER / OIL-WATER PROBE	YES / NO	NA	YES / NO	
X		BW-15	BAILER / OIL-WATER PROBE	YES / NO	NA	YES / NO	
X		BW-16	BAILER	YES	~0.75"	YES	