con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

May 3, 2013

Heather Hallett
CDM Smith, Inc. - NY
11 British American Boulevard, Suite 200
Latham, NY 12110

Project Location: Former Doro Cleaners, Buffalo
Client Job Number:
Project Number: 0897-915238 94461
Laboratory Work Order Number: 13D1071

Enclosed are results of analyses for samples received by the laboratory on April 26, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paula E. Blakeborough
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CDM Smith, Inc. - NY
11 British American Boulevard, Suite 200
Latham, NY 12110
ATTN: Heather Hallett

REPORT DATE: 5/3/2013

PURCHASE ORDER NUMBER: D-006131-2

PROJECT NUMBER: 0897-915238 94461

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 13D1071

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Former Doro Cleaners, Buffalo

FIELD SAMPLE #		LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SV-4	OA	13D1071-01	Ambient Air		EPA TO-15	
SV-4	SS	13D1071-02	Sub Slab		EPA TO-15	
SV-4	IA	13D1071-03	Indoor air		EPA TO-15	
SV-5	SS	13D1071-04	Sub Slab		EPA TO-15	
SV-5	IA	13D1071-05	Indoor air		EPA TO-15	
SV-5	OA	13D1071-06	Ambient Air		EPA TO-15	
SV-3	SS	13D1071-07	Sub Slab		EPA TO-15	
SV-3	IA	13D1071-08	Indoor air		EPA TO-15	
SV-2	SS1	13D1071-09	Sub Slab		EPA TO-15	
SV-1	IA2	13D1071-10	Indoor air		EPA TO-15	
SV-1	SS2	13D1071-11	Sub Slab		EPA TO-15	
DUP 1		13D1071-12	Air		EPA TO-15	
SV-2	OA	13D1071-13	Ambient Air		EPA TO-15	
DUP 2		13D1071-14	Air		EPA TO-15	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA TO-15

Qualifications:

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

1,1,2,2-Tetrachloroethane

B071996-BS1

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

4-Methyl-2-pentanone (MIBK), Acetone, Isopropanol

13D1071-02[SV-4 SS], 13D1071-03[SV-4 IA], 13D1071-04[SV-5 SS], 13D1071-05[SV-5 IA], 13D1071-07[SV-3 SS], 13D1071-10[SV-1 IA2], 13D1071-12[DUP 1], 13D1071-14[DUP 2], B071996-BS1, B071996-DUP1, 13D1071-01[SV-4 OA], 13D1071-06[SV-5 OA], 13D1071-08[SV-3 IA], 13D1071-09[SV-2 SS1], 13D1071-11[SV-1 SS2], 13D1071-13[SV-2 OA], 13D1071-05RE1[SV-5 IA]

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)

13D1071-01[SV-4 OA], 13D1071-02[SV-4 SS], 13D1071-03[SV-4 IA], 13D1071-04[SV-5 SS], 13D1071-05[SV-5 IA], 13D1071-06[SV-5 OA], 13D1071-07[SV-3 SS], 13D1071-08[SV-3 IA], 13D1071-09[SV-2 SS1], 13D1071-10[SV-1 IA2], 13D1071-11[SV-1 SS2], 13D1071-12[DUP 1], 13D1071-13[SV-2 OA], 13D1071-14[DUP 2], B071996-BLK1, B071996-BS1, B071996-DUP1, S004129-CCV1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-4 **OA**
Sample ID: 13D1071-01
Sample Matrix: Ambient Air
Sampled: 4/23/2013 12:33

Sample Description/Location:
Sub Description/Location:
Canister ID: 1649
Canister Size: 6 liter
Flow Controller ID: 3520
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -3
Receipt Vacuum(in Hg): -4.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	3.1	1.4	L-05	7.4	3.3	0.702	4/28/13 23:44	TPH
Benzene	0.13	0.035		0.42	0.11	0.702	4/28/13 23:44	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/28/13 23:44	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/28/13 23:44	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/28/13 23:44	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/28/13 23:44	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/28/13 23:44	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/28/13 23:44	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/28/13 23:44	TPH
Carbon Tetrachloride	0.074	0.035		0.47	0.22	0.702	4/28/13 23:44	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/28/13 23:44	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/28/13 23:44	TPH
Chloroform	ND	0.035		ND	0.17	0.702	4/28/13 23:44	TPH
Chloromethane	0.63	0.070		1.3	0.14	0.702	4/28/13 23:44	TPH
Cyclohexane	ND	0.035		ND	0.12	0.702	4/28/13 23:44	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/28/13 23:44	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/28/13 23:44	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/28/13 23:44	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/28/13 23:44	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/28/13 23:44	TPH
Dichlorodifluoromethane (Freon 12)	0.29	0.035		1.4	0.17	0.702	4/28/13 23:44	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/28/13 23:44	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/28/13 23:44	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/28/13 23:44	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/28/13 23:44	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/28/13 23:44	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/28/13 23:44	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/28/13 23:44	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/28/13 23:44	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/28/13 23:44	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/28/13 23:44	TPH
Ethanol	2.4	1.4		4.5	2.6	0.702	4/28/13 23:44	TPH
Ethyl Acetate	2.4	0.035		8.7	0.13	0.702	4/28/13 23:44	TPH
Ethylbenzene	ND	0.035		ND	0.15	0.702	4/28/13 23:44	TPH
4-Ethyltoluene	ND	0.035		ND	0.17	0.702	4/28/13 23:44	TPH
Heptane	ND	0.035		ND	0.14	0.702	4/28/13 23:44	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/28/13 23:44	TPH

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-4 **OA**
Sample ID: 13D1071-01
Sample Matrix: Ambient Air
Sampled: 4/23/2013 12:33

Sample Description/Location:
Sub Description/Location:
Canister ID: 1649
Canister Size: 6 liter
Flow Controller ID: 3520
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -3
Receipt Vacuum(in Hg): -4.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Hexane	ND	1.4		ND	4.9	0.702	4/28/13 23:44	TPH
2-Hexanone (MBK)	ND	0.035		ND	0.14	0.702	4/28/13 23:44	TPH
Isopropanol	ND	1.4		ND	3.4	0.702	4/28/13 23:44	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/28/13 23:44	TPH
Methylene Chloride	0.48	0.35		1.7	1.2	0.702	4/28/13 23:44	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.035		ND	0.14	0.702	4/28/13 23:44	TPH
Naphthalene	ND	0.035		ND	0.18	0.702	4/28/13 23:44	TPH
Propene	ND	1.4		ND	2.4	0.702	4/28/13 23:44	TPH
Styrene	ND	0.035		ND	0.15	0.702	4/28/13 23:44	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/28/13 23:44	TPH
Tetrachloroethylene	ND	0.035		ND	0.24	0.702	4/28/13 23:44	TPH
Tetrahydrofuran	ND	0.035		ND	0.10	0.702	4/28/13 23:44	TPH
Toluene	0.46	0.035		1.8	0.13	0.702	4/28/13 23:44	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/28/13 23:44	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/28/13 23:44	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/28/13 23:44	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	4/28/13 23:44	TPH
Trichlorofluoromethane (Freon 11)	0.16	0.035		0.93	0.20	0.702	4/28/13 23:44	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.054	0.035	V-05	0.41	0.27	0.702	4/28/13 23:44	TPH
1,2,4-Trimethylbenzene	ND	0.035		ND	0.17	0.702	4/28/13 23:44	TPH
1,3,5-Trimethylbenzene	ND	0.035		ND	0.17	0.702	4/28/13 23:44	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/28/13 23:44	TPH
Vinyl Chloride	ND	0.035		ND	0.090	0.702	4/28/13 23:44	TPH
m&p-Xylene	0.073	0.070		0.32	0.30	0.702	4/28/13 23:44	TPH
o-Xylene	ND	0.035		ND	0.15	0.702	4/28/13 23:44	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	91.7	70-130	4/28/13 23:44

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-4 **SS**
Sample ID: 13D1071-02
Sample Matrix: Sub Slab
Sampled: 4/23/2013 13:04

Sample Description/Location:
Sub Description/Location:
Canister ID: 1805
Canister Size: 6 liter
Flow Controller ID: 3518
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8.5
Receipt Vacuum(in Hg): -9.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag	Results	RL	Dilution	Analyzed	Analyst
Acetone	15	1.4	L-05	36	3.3	0.702	4/29/13 9:29	TPH
Benzene	0.20	0.035		0.64	0.11	0.702	4/29/13 9:29	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 9:29	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 9:29	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 9:29	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 9:29	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 9:29	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 9:29	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 9:29	TPH
Carbon Tetrachloride	0.081	0.035		0.51	0.22	0.702	4/29/13 9:29	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 9:29	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 9:29	TPH
Chloroform	0.060	0.035		0.29	0.17	0.702	4/29/13 9:29	TPH
Chloromethane	0.75	0.070		1.5	0.14	0.702	4/29/13 9:29	TPH
Cyclohexane	ND	0.035		ND	0.12	0.702	4/29/13 9:29	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 9:29	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 9:29	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 9:29	TPH
1,3-Dichlorobenzene	0.060	0.035		0.36	0.21	0.702	4/29/13 9:29	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 9:29	TPH
Dichlorodifluoromethane (Freon 12)	1.0	0.035		5.1	0.17	0.702	4/29/13 9:29	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 9:29	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 9:29	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 9:29	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 9:29	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 9:29	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 9:29	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 9:29	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 9:29	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 9:29	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 9:29	TPH
Ethanol	110	40		210	75	20	4/29/13 14:44	TPH
Ethyl Acetate	4.0	0.035		14	0.13	0.702	4/29/13 9:29	TPH
Ethylbenzene	0.32	0.035		1.4	0.15	0.702	4/29/13 9:29	TPH
4-Ethyltoluene	0.16	0.035		0.78	0.17	0.702	4/29/13 9:29	TPH
Heptane	0.15	0.035		0.63	0.14	0.702	4/29/13 9:29	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 9:29	TPH

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-4 **SS**
Sample ID: 13D1071-02
Sample Matrix: Sub Slab
Sampled: 4/23/2013 13:04

Sample Description/Location:
Sub Description/Location:
Canister ID: 1805
Canister Size: 6 liter
Flow Controller ID: 3518
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8.5
Receipt Vacuum(in Hg): -9.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	1.4		ND	4.9	0.702	4/29/13 9:29	TPH
2-Hexanone (MBK)	0.15	0.035		0.62	0.14	0.702	4/29/13 9:29	TPH
Isopropanol	5.8	1.4	L-05	14	3.4	0.702	4/29/13 9:29	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 9:29	TPH
Methylene Chloride	1.3	0.35		4.5	1.2	0.702	4/29/13 9:29	TPH
4-Methyl-2-pentanone (MIBK)	0.16	0.035	L-05	0.66	0.14	0.702	4/29/13 9:29	TPH
Naphthalene	0.11	0.035		0.58	0.18	0.702	4/29/13 9:29	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 9:29	TPH
Styrene	0.060	0.035		0.25	0.15	0.702	4/29/13 9:29	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 9:29	TPH
Tetrachloroethylene	0.11	0.035		0.74	0.24	0.702	4/29/13 9:29	TPH
Tetrahydrofuran	0.039	0.035		0.12	0.10	0.702	4/29/13 9:29	TPH
Toluene	1.5	0.035		5.8	0.13	0.702	4/29/13 9:29	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 9:29	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 9:29	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 9:29	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	4/29/13 9:29	TPH
Trichlorofluoromethane (Freon 11)	0.60	0.035		3.4	0.20	0.702	4/29/13 9:29	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.085	0.035	V-05	0.65	0.27	0.702	4/29/13 9:29	TPH
1,2,4-Trimethylbenzene	0.76	0.035		3.7	0.17	0.702	4/29/13 9:29	TPH
1,3,5-Trimethylbenzene	0.20	0.035		0.99	0.17	0.702	4/29/13 9:29	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 9:29	TPH
Vinyl Chloride	0.044	0.035		0.11	0.090	0.702	4/29/13 9:29	TPH
m&p-Xylene	1.0	0.070		4.4	0.30	0.702	4/29/13 9:29	TPH
o-Xylene	0.44	0.035		1.9	0.15	0.702	4/29/13 9:29	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	85.8	70-130	4/29/13 14:44
4-Bromofluorobenzene (1)	94.8	70-130	4/29/13 9:29

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-4 **IA**
Sample ID: 13D1071-03
Sample Matrix: Indoor air
Sampled: 4/23/2013 13:05

Sample Description/Location:
Sub Description/Location:
Canister ID: 1340
Canister Size: 6 liter
Flow Controller ID: 3517
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -6.5
Receipt Vacuum(in Hg): -7.8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag	Results	RL	Dilution	Analyzed	Analyst
Acetone	9.8	1.4	L-05	23	3.3	0.702	4/29/13 0:29	TPH
Benzene	0.12	0.035		0.38	0.11	0.702	4/29/13 0:29	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 0:29	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 0:29	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 0:29	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 0:29	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 0:29	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 0:29	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 0:29	TPH
Carbon Tetrachloride	0.074	0.035		0.46	0.22	0.702	4/29/13 0:29	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 0:29	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 0:29	TPH
Chloroform	0.058	0.035		0.28	0.17	0.702	4/29/13 0:29	TPH
Chloromethane	0.75	0.070		1.5	0.14	0.702	4/29/13 0:29	TPH
Cyclohexane	ND	0.035		ND	0.12	0.702	4/29/13 0:29	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 0:29	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 0:29	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 0:29	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 0:29	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 0:29	TPH
Dichlorodifluoromethane (Freon 12)	1.2	0.035		6.1	0.17	0.702	4/29/13 0:29	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 0:29	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 0:29	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 0:29	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 0:29	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 0:29	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 0:29	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 0:29	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 0:29	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 0:29	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 0:29	TPH
Ethanol	120	40		220	75	20	4/29/13 12:51	TPH
Ethyl Acetate	12	0.035		44	0.13	0.702	4/29/13 0:29	TPH
Ethylbenzene	0.071	0.035		0.31	0.15	0.702	4/29/13 0:29	TPH
4-Ethyltoluene	ND	0.035		ND	0.17	0.702	4/29/13 0:29	TPH
Heptane	ND	0.035		ND	0.14	0.702	4/29/13 0:29	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 0:29	TPH

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-4 **IA**
Sample ID: 13D1071-03
Sample Matrix: Indoor air
Sampled: 4/23/2013 13:05

Sample Description/Location:
Sub Description/Location:
Canister ID: 1340
Canister Size: 6 liter
Flow Controller ID: 3517
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -6.5
Receipt Vacuum(in Hg): -7.8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	1.4		ND	4.9	0.702	4/29/13 0:29	TPH
2-Hexanone (MBK)	0.11	0.035		0.45	0.14	0.702	4/29/13 0:29	TPH
Isopropanol	11	1.4	L-05	27	3.4	0.702	4/29/13 0:29	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 0:29	TPH
Methylene Chloride	0.73	0.35		2.5	1.2	0.702	4/29/13 0:29	TPH
4-Methyl-2-pentanone (MIBK)	0.12	0.035	L-05	0.48	0.14	0.702	4/29/13 0:29	TPH
Naphthalene	0.044	0.035		0.23	0.18	0.702	4/29/13 0:29	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 0:29	TPH
Styrene	0.043	0.035		0.18	0.15	0.702	4/29/13 0:29	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 0:29	TPH
Tetrachloroethylene	0.055	0.035		0.38	0.24	0.702	4/29/13 0:29	TPH
Tetrahydrofuran	ND	0.035		ND	0.10	0.702	4/29/13 0:29	TPH
Toluene	0.48	0.035		1.8	0.13	0.702	4/29/13 0:29	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 0:29	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 0:29	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 0:29	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	4/29/13 0:29	TPH
Trichlorofluoromethane (Freon 11)	0.54	0.035		3.1	0.20	0.702	4/29/13 0:29	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.060	0.035	V-05	0.46	0.27	0.702	4/29/13 0:29	TPH
1,2,4-Trimethylbenzene	0.081	0.035		0.40	0.17	0.702	4/29/13 0:29	TPH
1,3,5-Trimethylbenzene	ND	0.035		ND	0.17	0.702	4/29/13 0:29	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 0:29	TPH
Vinyl Chloride	ND	0.035		ND	0.090	0.702	4/29/13 0:29	TPH
m&p-Xylene	0.18	0.070		0.76	0.30	0.702	4/29/13 0:29	TPH
o-Xylene	0.065	0.035		0.28	0.15	0.702	4/29/13 0:29	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	86.7	70-130	4/29/13 12:51
4-Bromofluorobenzene (1)	93.3	70-130	4/29/13 0:29

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-5 **SS**
Sample ID: 13D1071-04
Sample Matrix: Sub Slab
Sampled: 4/23/2013 13:38

Sample Description/Location:
Sub Description/Location:
Canister ID: 1627
Canister Size: 6 liter
Flow Controller ID: 3519
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -7.5
Receipt Vacuum(in Hg): -7.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

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	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	12	1.4	L-05	29	3.3	0.702	4/29/13 8:44	TPH
Benzene	0.18	0.035		0.58	0.11	0.702	4/29/13 8:44	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 8:44	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 8:44	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 8:44	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 8:44	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 8:44	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 8:44	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 8:44	TPH
Carbon Tetrachloride	0.072	0.035		0.45	0.22	0.702	4/29/13 8:44	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 8:44	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 8:44	TPH
Chloroform	0.084	0.035		0.41	0.17	0.702	4/29/13 8:44	TPH
Chloromethane	0.63	0.070		1.3	0.14	0.702	4/29/13 8:44	TPH
Cyclohexane	ND	0.035		ND	0.12	0.702	4/29/13 8:44	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 8:44	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 8:44	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 8:44	TPH
1,3-Dichlorobenzene	0.051	0.035		0.31	0.21	0.702	4/29/13 8:44	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 8:44	TPH
Dichlorodifluoromethane (Freon 12)	0.29	0.035		1.4	0.17	0.702	4/29/13 8:44	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 8:44	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 8:44	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 8:44	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 8:44	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 8:44	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 8:44	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 8:44	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 8:44	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 8:44	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 8:44	TPH
Ethanol	190	40		360	75	20	4/27/13 15:23	TPH
Ethyl Acetate	0.46	0.035		1.7	0.13	0.702	4/29/13 8:44	TPH
Ethylbenzene	0.22	0.035		0.96	0.15	0.702	4/29/13 8:44	TPH
4-Ethyltoluene	0.12	0.035		0.58	0.17	0.702	4/29/13 8:44	TPH
Heptane	0.16	0.035		0.64	0.14	0.702	4/29/13 8:44	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 8:44	TPH

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-5 **SS**
Sample ID: 13D1071-04
Sample Matrix: Sub Slab
Sampled: 4/23/2013 13:38

Sample Description/Location:
Sub Description/Location:
Canister ID: 1627
Canister Size: 6 liter
Flow Controller ID: 3519
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -7.5
Receipt Vacuum(in Hg): -7.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	1.4		ND	4.9	0.702	4/29/13 8:44	TPH
2-Hexanone (MBK)	0.067	0.035		0.28	0.14	0.702	4/29/13 8:44	TPH
Isopropanol	10	1.4	L-05	25	3.4	0.702	4/29/13 8:44	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 8:44	TPH
Methylene Chloride	1.4	0.35		4.9	1.2	0.702	4/29/13 8:44	TPH
4-Methyl-2-pentanone (MIBK)	0.098	0.035	L-05	0.40	0.14	0.702	4/29/13 8:44	TPH
Naphthalene	0.094	0.035		0.49	0.18	0.702	4/29/13 8:44	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 8:44	TPH
Styrene	0.088	0.035		0.38	0.15	0.702	4/29/13 8:44	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 8:44	TPH
Tetrachloroethylene	ND	0.035		ND	0.24	0.702	4/29/13 8:44	TPH
Tetrahydrofuran	ND	0.035		ND	0.10	0.702	4/29/13 8:44	TPH
Toluene	1.9	0.035		7.1	0.13	0.702	4/29/13 8:44	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 8:44	TPH
1,1,1-Trichloroethane	1.0	0.035		5.4	0.19	0.702	4/29/13 8:44	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 8:44	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	4/29/13 8:44	TPH
Trichlorofluoromethane (Freon 11)	0.25	0.035		1.4	0.20	0.702	4/29/13 8:44	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.084	0.035	V-05	0.65	0.27	0.702	4/29/13 8:44	TPH
1,2,4-Trimethylbenzene	0.57	0.035		2.8	0.17	0.702	4/29/13 8:44	TPH
1,3,5-Trimethylbenzene	0.15	0.035		0.75	0.17	0.702	4/29/13 8:44	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 8:44	TPH
Vinyl Chloride	0.078	0.035		0.20	0.090	0.702	4/29/13 8:44	TPH
m&p-Xylene	0.69	0.070		3.0	0.30	0.702	4/29/13 8:44	TPH
o-Xylene	0.31	0.035		1.4	0.15	0.702	4/29/13 8:44	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	89.0	70-130	4/27/13 15:23
4-Bromofluorobenzene (1)	94.9	70-130	4/29/13 8:44

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-5 **IA**
Sample ID: 13D1071-05
Sample Matrix: Indoor air
Sampled: 4/23/2013 13:39

Sample Description/Location:
Sub Description/Location:
Canister ID: 1856
Canister Size: 6 liter
Flow Controller ID: 3521
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29.5
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -8.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	16	1.4	L-05	37	3.3	0.702	4/29/13 1:15	TPH
Benzene	0.14	0.035		0.44	0.11	0.702	4/29/13 1:15	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 1:15	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 1:15	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 1:15	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 1:15	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 1:15	TPH
2-Butanone (MEK)	2.1	1.4		6.1	4.1	0.702	4/29/13 1:15	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 1:15	TPH
Carbon Tetrachloride	0.073	0.035		0.46	0.22	0.702	4/29/13 1:15	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 1:15	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 1:15	TPH
Chloroform	0.078	0.035		0.38	0.17	0.702	4/29/13 1:15	TPH
Chloromethane	0.64	0.070		1.3	0.14	0.702	4/29/13 1:15	TPH
Cyclohexane	ND	0.035		ND	0.12	0.702	4/29/13 1:15	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 1:15	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 1:15	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 1:15	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 1:15	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 1:15	TPH
Dichlorodifluoromethane (Freon 12)	0.25	0.035		1.2	0.17	0.702	4/29/13 1:15	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 1:15	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 1:15	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 1:15	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 1:15	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 1:15	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 1:15	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 1:15	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 1:15	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 1:15	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 1:15	TPH
Ethanol	260	40		500	75	20	4/29/13 13:28	TPH
Ethyl Acetate	0.76	0.035		2.7	0.13	0.702	4/29/13 1:15	TPH
Ethylbenzene	0.070	0.035		0.30	0.15	0.702	4/29/13 1:15	TPH
4-Ethyltoluene	ND	0.035		ND	0.17	0.702	4/29/13 1:15	TPH
Heptane	0.12	0.035		0.51	0.14	0.702	4/29/13 1:15	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 1:15	TPH

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-5 **IA**
Sample ID: 13D1071-05
Sample Matrix: Indoor air
Sampled: 4/23/2013 13:39

Sample Description/Location:
Sub Description/Location:
Canister ID: 1856
Canister Size: 6 liter
Flow Controller ID: 3521
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29.5
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -8.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	1.4		ND	4.9	0.702	4/29/13 1:15	TPH
2-Hexanone (MBK)	0.19	0.035		0.78	0.14	0.702	4/29/13 1:15	TPH
Isopropanol	31	20	L-05	76	49	20	4/29/13 13:28	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 1:15	TPH
Methylene Chloride	1.0	0.35		3.6	1.2	0.702	4/29/13 1:15	TPH
4-Methyl-2-pentanone (MIBK)	0.11	0.035	L-05	0.44	0.14	0.702	4/29/13 1:15	TPH
Naphthalene	ND	0.035		ND	0.18	0.702	4/29/13 1:15	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 1:15	TPH
Styrene	0.098	0.035		0.42	0.15	0.702	4/29/13 1:15	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 1:15	TPH
Tetrachloroethylene	ND	0.035		ND	0.24	0.702	4/29/13 1:15	TPH
Tetrahydrofuran	ND	0.035		ND	0.10	0.702	4/29/13 1:15	TPH
Toluene	1.3	0.035		4.8	0.13	0.702	4/29/13 1:15	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 1:15	TPH
1,1,1-Trichloroethane	1.3	0.035		7.1	0.19	0.702	4/29/13 1:15	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 1:15	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	4/29/13 1:15	TPH
Trichlorofluoromethane (Freon 11)	0.22	0.035		1.2	0.20	0.702	4/29/13 1:15	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.068	0.035	V-05	0.52	0.27	0.702	4/29/13 1:15	TPH
1,2,4-Trimethylbenzene	0.093	0.035		0.46	0.17	0.702	4/29/13 1:15	TPH
1,3,5-Trimethylbenzene	ND	0.035		ND	0.17	0.702	4/29/13 1:15	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 1:15	TPH
Vinyl Chloride	ND	0.035		ND	0.090	0.702	4/29/13 1:15	TPH
m&p-Xylene	0.17	0.070		0.73	0.30	0.702	4/29/13 1:15	TPH
o-Xylene	0.060	0.035		0.26	0.15	0.702	4/29/13 1:15	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	88.3	70-130	4/29/13 13:28
4-Bromofluorobenzene (1)	94.5	70-130	4/29/13 1:15

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-5 **OA**
Sample ID: 13D1071-06
Sample Matrix: Ambient Air
Sampled: 4/23/2013 13:40

Sample Description/Location:
Sub Description/Location:
Canister ID: 1343
Canister Size: 6 liter
Flow Controller ID: 3522
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -6.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	4.0	1.4	L-05	9.5	3.3	0.702	4/29/13 2:00	TPH
Benzene	0.11	0.035		0.36	0.11	0.702	4/29/13 2:00	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 2:00	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 2:00	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 2:00	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 2:00	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 2:00	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 2:00	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 2:00	TPH
Carbon Tetrachloride	0.066	0.035		0.41	0.22	0.702	4/29/13 2:00	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 2:00	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 2:00	TPH
Chloroform	ND	0.035		ND	0.17	0.702	4/29/13 2:00	TPH
Chloromethane	0.66	0.070		1.4	0.14	0.702	4/29/13 2:00	TPH
Cyclohexane	ND	0.035		ND	0.12	0.702	4/29/13 2:00	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 2:00	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 2:00	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 2:00	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 2:00	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 2:00	TPH
Dichlorodifluoromethane (Freon 12)	0.28	0.035		1.4	0.17	0.702	4/29/13 2:00	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 2:00	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 2:00	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 2:00	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 2:00	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 2:00	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 2:00	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 2:00	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 2:00	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 2:00	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 2:00	TPH
Ethanol	4.4	1.4		8.4	2.6	0.702	4/29/13 2:00	TPH
Ethyl Acetate	0.46	0.035		1.7	0.13	0.702	4/29/13 2:00	TPH
Ethylbenzene	ND	0.035		ND	0.15	0.702	4/29/13 2:00	TPH
4-Ethyltoluene	ND	0.035		ND	0.17	0.702	4/29/13 2:00	TPH
Heptane	ND	0.035		ND	0.14	0.702	4/29/13 2:00	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 2:00	TPH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-5 **OA**
Sample ID: 13D1071-06
Sample Matrix: Ambient Air
Sampled: 4/23/2013 13:40

Sample Description/Location:
Sub Description/Location:
Canister ID: 1343
Canister Size: 6 liter
Flow Controller ID: 3522
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -6.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	1.4		ND	4.9	0.702	4/29/13 2:00	TPH
2-Hexanone (MBK)	0.063	0.035		0.26	0.14	0.702	4/29/13 2:00	TPH
Isopropanol	ND	1.4		ND	3.4	0.702	4/29/13 2:00	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 2:00	TPH
Methylene Chloride	ND	0.35		ND	1.2	0.702	4/29/13 2:00	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.035		ND	0.14	0.702	4/29/13 2:00	TPH
Naphthalene	ND	0.035		ND	0.18	0.702	4/29/13 2:00	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 2:00	TPH
Styrene	ND	0.035		ND	0.15	0.702	4/29/13 2:00	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 2:00	TPH
Tetrachloroethylene	ND	0.035		ND	0.24	0.702	4/29/13 2:00	TPH
Tetrahydrofuran	ND	0.035		ND	0.10	0.702	4/29/13 2:00	TPH
Toluene	0.15	0.035		0.58	0.13	0.702	4/29/13 2:00	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 2:00	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 2:00	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 2:00	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	4/29/13 2:00	TPH
Trichlorofluoromethane (Freon 11)	0.17	0.035		0.98	0.20	0.702	4/29/13 2:00	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.059	0.035	V-05	0.45	0.27	0.702	4/29/13 2:00	TPH
1,2,4-Trimethylbenzene	0.044	0.035		0.22	0.17	0.702	4/29/13 2:00	TPH
1,3,5-Trimethylbenzene	ND	0.035		ND	0.17	0.702	4/29/13 2:00	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 2:00	TPH
Vinyl Chloride	ND	0.035		ND	0.090	0.702	4/29/13 2:00	TPH
m&p-Xylene	ND	0.070		ND	0.30	0.702	4/29/13 2:00	TPH
o-Xylene	ND	0.035		ND	0.15	0.702	4/29/13 2:00	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	91.7	70-130	4/29/13 2:00

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-3 **SS**
Sample ID: 13D1071-07
Sample Matrix: Sub Slab
Sampled: 4/23/2013 14:38

Sample Description/Location:
Sub Description/Location:
Canister ID: 1258
Canister Size: 6 liter
Flow Controller ID: 3524
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -8.7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	17	1.4	L-05	40	3.3	0.702	4/29/13 7:59	TPH
Benzene	0.22	0.035		0.70	0.11	0.702	4/29/13 7:59	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 7:59	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 7:59	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 7:59	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 7:59	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 7:59	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 7:59	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 7:59	TPH
Carbon Tetrachloride	0.046	0.035		0.29	0.22	0.702	4/29/13 7:59	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 7:59	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 7:59	TPH
Chloroform	ND	0.035		ND	0.17	0.702	4/29/13 7:59	TPH
Chloromethane	0.67	0.070		1.4	0.14	0.702	4/29/13 7:59	TPH
Cyclohexane	ND	0.035		ND	0.12	0.702	4/29/13 7:59	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 7:59	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 7:59	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 7:59	TPH
1,3-Dichlorobenzene	0.074	0.035		0.45	0.21	0.702	4/29/13 7:59	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 7:59	TPH
Dichlorodifluoromethane (Freon 12)	0.27	0.035		1.3	0.17	0.702	4/29/13 7:59	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 7:59	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 7:59	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 7:59	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 7:59	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 7:59	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 7:59	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 7:59	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 7:59	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 7:59	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 7:59	TPH
Ethanol	93	40		170	75	20	4/27/13 14:45	TPH
Ethyl Acetate	2.4	0.035		8.5	0.13	0.702	4/29/13 7:59	TPH
Ethylbenzene	0.28	0.035		1.2	0.15	0.702	4/29/13 7:59	TPH
4-Ethyltoluene	0.15	0.035		0.76	0.17	0.702	4/29/13 7:59	TPH
Heptane	0.16	0.035		0.65	0.14	0.702	4/29/13 7:59	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 7:59	TPH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-3 **SS**
Sample ID: 13D1071-07
Sample Matrix: Sub Slab
Sampled: 4/23/2013 14:38

Sample Description/Location:
Sub Description/Location:
Canister ID: 1258
Canister Size: 6 liter
Flow Controller ID: 3524
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -8.7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	1.4		ND	4.9	0.702	4/29/13 7:59	TPH
2-Hexanone (MBK)	0.13	0.035		0.52	0.14	0.702	4/29/13 7:59	TPH
Isopropanol	4.0	1.4	L-05	9.9	3.4	0.702	4/29/13 7:59	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 7:59	TPH
Methylene Chloride	1.0	0.35		3.6	1.2	0.702	4/29/13 7:59	TPH
4-Methyl-2-pentanone (MIBK)	0.14	0.035	L-05	0.58	0.14	0.702	4/29/13 7:59	TPH
Naphthalene	0.23	0.035		1.2	0.18	0.702	4/29/13 7:59	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 7:59	TPH
Styrene	0.045	0.035		0.19	0.15	0.702	4/29/13 7:59	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 7:59	TPH
Tetrachloroethylene	0.046	0.035		0.31	0.24	0.702	4/29/13 7:59	TPH
Tetrahydrofuran	0.059	0.035		0.17	0.10	0.702	4/29/13 7:59	TPH
Toluene	1.7	0.035		6.3	0.13	0.702	4/29/13 7:59	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 7:59	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 7:59	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 7:59	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	4/29/13 7:59	TPH
Trichlorofluoromethane (Freon 11)	0.21	0.035		1.2	0.20	0.702	4/29/13 7:59	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.079	0.035	V-05	0.60	0.27	0.702	4/29/13 7:59	TPH
1,2,4-Trimethylbenzene	0.77	0.035		3.8	0.17	0.702	4/29/13 7:59	TPH
1,3,5-Trimethylbenzene	0.20	0.035		0.98	0.17	0.702	4/29/13 7:59	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 7:59	TPH
Vinyl Chloride	0.11	0.035		0.27	0.090	0.702	4/29/13 7:59	TPH
m&p-Xylene	0.92	0.070		4.0	0.30	0.702	4/29/13 7:59	TPH
o-Xylene	0.42	0.035		1.8	0.15	0.702	4/29/13 7:59	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	89.2	70-130	4/27/13 14:45
4-Bromofluorobenzene (1)	95.3	70-130	4/29/13 7:59

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-3 **IA**
Sample ID: 13D1071-08
Sample Matrix: Indoor air
Sampled: 4/23/2013 14:39

Sample Description/Location:
Sub Description/Location:
Canister ID: 1312
Canister Size: 6 liter
Flow Controller ID: 3346
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	15	1.4	L-05	36	3.3	0.702	4/29/13 2:45	TPH
Benzene	0.18	0.035		0.57	0.11	0.702	4/29/13 2:45	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 2:45	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 2:45	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 2:45	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 2:45	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 2:45	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 2:45	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 2:45	TPH
Carbon Tetrachloride	0.072	0.035		0.45	0.22	0.702	4/29/13 2:45	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 2:45	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 2:45	TPH
Chloroform	ND	0.035		ND	0.17	0.702	4/29/13 2:45	TPH
Chloromethane	0.65	0.070		1.3	0.14	0.702	4/29/13 2:45	TPH
Cyclohexane	ND	0.035		ND	0.12	0.702	4/29/13 2:45	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 2:45	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 2:45	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 2:45	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 2:45	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 2:45	TPH
Dichlorodifluoromethane (Freon 12)	0.26	0.035		1.3	0.17	0.702	4/29/13 2:45	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 2:45	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 2:45	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 2:45	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 2:45	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 2:45	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 2:45	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 2:45	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 2:45	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 2:45	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 2:45	TPH
Ethanol	18	1.4		34	2.6	0.702	4/29/13 2:45	TPH
Ethyl Acetate	1.9	0.035		6.8	0.13	0.702	4/29/13 2:45	TPH
Ethylbenzene	0.065	0.035		0.28	0.15	0.702	4/29/13 2:45	TPH
4-Ethyltoluene	ND	0.035		ND	0.17	0.702	4/29/13 2:45	TPH
Heptane	0.098	0.035		0.40	0.14	0.702	4/29/13 2:45	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 2:45	TPH

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-3 **IA**
Sample ID: 13D1071-08
Sample Matrix: Indoor air
Sampled: 4/23/2013 14:39

Sample Description/Location:
Sub Description/Location:
Canister ID: 1312
Canister Size: 6 liter
Flow Controller ID: 3346
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Hexane	ND	1.4		ND	4.9	0.702	4/29/13 2:45	TPH
2-Hexanone (MBK)	0.17	0.035		0.71	0.14	0.702	4/29/13 2:45	TPH
Isopropanol	1.4	1.4	L-05	3.5	3.4	0.702	4/29/13 2:45	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 2:45	TPH
Methylene Chloride	0.41	0.35		1.4	1.2	0.702	4/29/13 2:45	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.035		ND	0.14	0.702	4/29/13 2:45	TPH
Naphthalene	1.0	0.035		5.3	0.18	0.702	4/29/13 2:45	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 2:45	TPH
Styrene	0.036	0.035		0.15	0.15	0.702	4/29/13 2:45	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 2:45	TPH
Tetrachloroethylene	ND	0.035		ND	0.24	0.702	4/29/13 2:45	TPH
Tetrahydrofuran	ND	0.035		ND	0.10	0.702	4/29/13 2:45	TPH
Toluene	0.81	0.035		3.0	0.13	0.702	4/29/13 2:45	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 2:45	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 2:45	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 2:45	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	4/29/13 2:45	TPH
Trichlorofluoromethane (Freon 11)	0.18	0.035		1.0	0.20	0.702	4/29/13 2:45	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.061	0.035	V-05	0.47	0.27	0.702	4/29/13 2:45	TPH
1,2,4-Trimethylbenzene	0.072	0.035		0.36	0.17	0.702	4/29/13 2:45	TPH
1,3,5-Trimethylbenzene	ND	0.035		ND	0.17	0.702	4/29/13 2:45	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 2:45	TPH
Vinyl Chloride	ND	0.035		ND	0.090	0.702	4/29/13 2:45	TPH
m&p-Xylene	0.20	0.070		0.85	0.30	0.702	4/29/13 2:45	TPH
o-Xylene	0.078	0.035		0.34	0.15	0.702	4/29/13 2:45	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	94.2	70-130	4/29/13 2:45

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-2 **SS1**
Sample ID: 13D1071-09
Sample Matrix: Sub Slab
Sampled: 4/23/2013 15:26

Sample Description/Location:
Sub Description/Location:
Canister ID: 1271
Canister Size: 6 liter
Flow Controller ID: 3345
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -28.5
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -9.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	14	1.4	L-05	34	3.3	0.702	4/29/13 7:15	TPH
Benzene	2.7	0.035		8.6	0.11	0.702	4/29/13 7:15	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 7:15	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 7:15	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 7:15	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 7:15	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 7:15	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 7:15	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 7:15	TPH
Carbon Tetrachloride	0.048	0.035		0.30	0.22	0.702	4/29/13 7:15	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 7:15	TPH
Chloroethane	0.10	0.035		0.26	0.093	0.702	4/29/13 7:15	TPH
Chloroform	0.036	0.035		0.18	0.17	0.702	4/29/13 7:15	TPH
Chloromethane	0.77	0.070		1.6	0.14	0.702	4/29/13 7:15	TPH
Cyclohexane	0.95	0.035		3.3	0.12	0.702	4/29/13 7:15	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 7:15	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 7:15	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 7:15	TPH
1,3-Dichlorobenzene	0.046	0.035		0.28	0.21	0.702	4/29/13 7:15	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 7:15	TPH
Dichlorodifluoromethane (Freon 12)	0.27	0.035		1.4	0.17	0.702	4/29/13 7:15	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 7:15	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 7:15	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 7:15	TPH
cis-1,2-Dichloroethylene	1.7	0.035		6.8	0.14	0.702	4/29/13 7:15	TPH
trans-1,2-Dichloroethylene	0.067	0.035		0.26	0.14	0.702	4/29/13 7:15	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 7:15	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 7:15	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 7:15	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 7:15	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 7:15	TPH
Ethanol	86	40		160	75	20	4/27/13 14:07	TPH
Ethyl Acetate	0.72	0.035		2.6	0.13	0.702	4/29/13 7:15	TPH
Ethylbenzene	1.8	0.035		7.9	0.15	0.702	4/29/13 7:15	TPH
4-Ethyltoluene	0.59	0.035		2.9	0.17	0.702	4/29/13 7:15	TPH
Heptane	2.3	0.035		9.5	0.14	0.702	4/29/13 7:15	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 7:15	TPH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-2 **SS1**
Sample ID: 13D1071-09
Sample Matrix: Sub Slab
Sampled: 4/23/2013 15:26

Sample Description/Location:
Sub Description/Location:
Canister ID: 1271
Canister Size: 6 liter
Flow Controller ID: 3345
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -28.5
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -9.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Hexane	7.8	1.4		28	4.9	0.702	4/29/13 7:15	TPH
2-Hexanone (MBK)	0.31	0.035		1.3	0.14	0.702	4/29/13 7:15	TPH
Isopropanol	3.2	1.4	L-05	8.0	3.4	0.702	4/29/13 7:15	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 7:15	TPH
Methylene Chloride	0.69	0.35		2.4	1.2	0.702	4/29/13 7:15	TPH
4-Methyl-2-pentanone (MIBK)	0.18	0.035		0.76	0.14	0.702	4/29/13 7:15	TPH
Naphthalene	0.10	0.035		0.55	0.18	0.702	4/29/13 7:15	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 7:15	TPH
Styrene	0.037	0.035		0.16	0.15	0.702	4/29/13 7:15	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 7:15	TPH
Tetrachloroethylene	28	0.035		190	0.24	0.702	4/29/13 7:15	TPH
Tetrahydrofuran	0.33	0.035		0.97	0.10	0.702	4/29/13 7:15	TPH
Toluene	14	0.035		51	0.13	0.702	4/29/13 7:15	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 7:15	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 7:15	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 7:15	TPH
Trichloroethylene	1.1	0.035		5.9	0.19	0.702	4/29/13 7:15	TPH
Trichlorofluoromethane (Freon 11)	1.8	0.035		10	0.20	0.702	4/29/13 7:15	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.069	0.035	V-05	0.53	0.27	0.702	4/29/13 7:15	TPH
1,2,4-Trimethylbenzene	2.1	0.035		10	0.17	0.702	4/29/13 7:15	TPH
1,3,5-Trimethylbenzene	0.52	0.035		2.6	0.17	0.702	4/29/13 7:15	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 7:15	TPH
Vinyl Chloride	0.13	0.035		0.33	0.090	0.702	4/29/13 7:15	TPH
m&p-Xylene	6.8	0.070		29	0.30	0.702	4/29/13 7:15	TPH
o-Xylene	2.4	0.035		10	0.15	0.702	4/29/13 7:15	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	90.3	70-130	4/27/13 14:07
4-Bromofluorobenzene (1)	101	70-130	4/29/13 7:15

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-1 **IA2**
Sample ID: 13D1071-10
Sample Matrix: Indoor air
Sampled: 4/23/2013 15:38

Sample Description/Location:
Sub Description/Location:
Canister ID: 1813
Canister Size: 6 liter
Flow Controller ID: 3516
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29.5
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -7.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	9.9	1.4	L-05	23	3.3	0.702	4/29/13 3:30	TPH
Benzene	2.5	0.035		7.9	0.11	0.702	4/29/13 3:30	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 3:30	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 3:30	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 3:30	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 3:30	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 3:30	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 3:30	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 3:30	TPH
Carbon Tetrachloride	0.068	0.035		0.43	0.22	0.702	4/29/13 3:30	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 3:30	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 3:30	TPH
Chloroform	ND	0.035		ND	0.17	0.702	4/29/13 3:30	TPH
Chloromethane	0.67	0.070		1.4	0.14	0.702	4/29/13 3:30	TPH
Cyclohexane	0.90	0.035		3.1	0.12	0.702	4/29/13 3:30	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 3:30	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 3:30	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 3:30	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 3:30	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 3:30	TPH
Dichlorodifluoromethane (Freon 12)	0.27	0.035		1.3	0.17	0.702	4/29/13 3:30	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 3:30	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 3:30	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 3:30	TPH
cis-1,2-Dichloroethylene	1.1	0.035		4.5	0.14	0.702	4/29/13 3:30	TPH
trans-1,2-Dichloroethylene	0.042	0.035		0.17	0.14	0.702	4/29/13 3:30	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 3:30	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 3:30	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 3:30	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 3:30	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 3:30	TPH
Ethanol	42	40		79	75	20	4/29/13 14:06	TPH
Ethyl Acetate	0.68	0.035		2.5	0.13	0.702	4/29/13 3:30	TPH
Ethylbenzene	1.8	0.035		7.7	0.15	0.702	4/29/13 3:30	TPH
4-Ethyltoluene	0.58	0.035		2.8	0.17	0.702	4/29/13 3:30	TPH
Heptane	2.3	0.035		9.6	0.14	0.702	4/29/13 3:30	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 3:30	TPH

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-1 **IA2**
Sample ID: 13D1071-10
Sample Matrix: Indoor air
Sampled: 4/23/2013 15:38

Sample Description/Location:
Sub Description/Location:
Canister ID: 1813
Canister Size: 6 liter
Flow Controller ID: 3516
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29.5
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -7.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	7.4	1.4		26	4.9	0.702	4/29/13 3:30	TPH
2-Hexanone (MBK)	0.28	0.035		1.2	0.14	0.702	4/29/13 3:30	TPH
Isopropanol	1.8	1.4	L-05	4.3	3.4	0.702	4/29/13 3:30	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 3:30	TPH
Methylene Chloride	0.64	0.35		2.2	1.2	0.702	4/29/13 3:30	TPH
4-Methyl-2-pentanone (MIBK)	0.28	0.035	L-05	1.1	0.14	0.702	4/29/13 3:30	TPH
Naphthalene	0.26	0.035		1.4	0.18	0.702	4/29/13 3:30	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 3:30	TPH
Styrene	ND	0.035		ND	0.15	0.702	4/29/13 3:30	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 3:30	TPH
Tetrachloroethylene	30	0.035		200	0.24	0.702	4/29/13 3:30	TPH
Tetrahydrofuran	0.11	0.035		0.31	0.10	0.702	4/29/13 3:30	TPH
Toluene	12	0.035		46	0.13	0.702	4/29/13 3:30	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 3:30	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 3:30	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 3:30	TPH
Trichloroethylene	1.0	0.035		5.4	0.19	0.702	4/29/13 3:30	TPH
Trichlorofluoromethane (Freon 11)	2.2	0.035		12	0.20	0.702	4/29/13 3:30	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.066	0.035	V-05	0.51	0.27	0.702	4/29/13 3:30	TPH
1,2,4-Trimethylbenzene	2.3	0.035		11	0.17	0.702	4/29/13 3:30	TPH
1,3,5-Trimethylbenzene	0.53	0.035		2.6	0.17	0.702	4/29/13 3:30	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 3:30	TPH
Vinyl Chloride	0.051	0.035		0.13	0.090	0.702	4/29/13 3:30	TPH
m&p-Xylene	6.5	0.070		28	0.30	0.702	4/29/13 3:30	TPH
o-Xylene	2.4	0.035		10	0.15	0.702	4/29/13 3:30	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	85.6	70-130	4/29/13 14:06
4-Bromofluorobenzene (1)	96.1	70-130	4/29/13 3:30

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-1 **SS2**
Sample ID: 13D1071-11
Sample Matrix: Sub Slab
Sampled: 4/23/2013 15:35

Sample Description/Location:
Sub Description/Location:
Canister ID: 1458
Canister Size: 6 liter
Flow Controller ID: 3514
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -6.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	12	1.4	L-05	28	3.3	0.702	4/29/13 6:29	TPH
Benzene	1.9	0.035		5.9	0.11	0.702	4/29/13 6:29	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 6:29	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 6:29	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 6:29	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 6:29	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 6:29	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 6:29	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 6:29	TPH
Carbon Tetrachloride	0.066	0.035		0.41	0.22	0.702	4/29/13 6:29	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 6:29	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 6:29	TPH
Chloroform	ND	0.035		ND	0.17	0.702	4/29/13 6:29	TPH
Chloromethane	0.56	0.070		1.2	0.14	0.702	4/29/13 6:29	TPH
Cyclohexane	0.60	0.035		2.1	0.12	0.702	4/29/13 6:29	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 6:29	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 6:29	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 6:29	TPH
1,3-Dichlorobenzene	0.036	0.035		0.22	0.21	0.702	4/29/13 6:29	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 6:29	TPH
Dichlorodifluoromethane (Freon 12)	0.29	0.035		1.4	0.17	0.702	4/29/13 6:29	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 6:29	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 6:29	TPH
1,1-Dichloroethylene	0.039	0.035		0.16	0.14	0.702	4/29/13 6:29	TPH
cis-1,2-Dichloroethylene	1.1	0.035		4.2	0.14	0.702	4/29/13 6:29	TPH
trans-1,2-Dichloroethylene	0.048	0.035		0.19	0.14	0.702	4/29/13 6:29	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 6:29	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 6:29	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 6:29	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 6:29	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 6:29	TPH
Ethanol	90	40		170	75	20	4/27/13 13:29	TPH
Ethyl Acetate	1.1	0.035		4.0	0.13	0.702	4/29/13 6:29	TPH
Ethylbenzene	1.2	0.035		5.1	0.15	0.702	4/29/13 6:29	TPH
4-Ethyltoluene	0.35	0.035		1.7	0.17	0.702	4/29/13 6:29	TPH
Heptane	1.6	0.035		6.5	0.14	0.702	4/29/13 6:29	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 6:29	TPH

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-1 **SS2**
Sample ID: 13D1071-11
Sample Matrix: Sub Slab
Sampled: 4/23/2013 15:35

Sample Description/Location:
Sub Description/Location:
Canister ID: 1458
Canister Size: 6 liter
Flow Controller ID: 3514
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -6.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

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Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	5.6	1.4		20	4.9	0.702	4/29/13 6:29	TPH
2-Hexanone (MBK)	ND	0.035		ND	0.14	0.702	4/29/13 6:29	TPH
Isopropanol	2.9	1.4	L-05	7.2	3.4	0.702	4/29/13 6:29	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 6:29	TPH
Methylene Chloride	0.89	0.35		3.1	1.2	0.702	4/29/13 6:29	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.035		ND	0.14	0.702	4/29/13 6:29	TPH
Naphthalene	0.11	0.035		0.60	0.18	0.702	4/29/13 6:29	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 6:29	TPH
Styrene	ND	0.035		ND	0.15	0.702	4/29/13 6:29	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 6:29	TPH
Tetrachloroethylene	22	0.035		150	0.24	0.702	4/29/13 6:29	TPH
Tetrahydrofuran	0.045	0.035		0.13	0.10	0.702	4/29/13 6:29	TPH
Toluene	9.1	0.035		34	0.13	0.702	4/29/13 6:29	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 6:29	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 6:29	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 6:29	TPH
Trichloroethylene	0.84	0.035		4.5	0.19	0.702	4/29/13 6:29	TPH
Trichlorofluoromethane (Freon 11)	1.6	0.035		8.7	0.20	0.702	4/29/13 6:29	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.072	0.035	V-05	0.55	0.27	0.702	4/29/13 6:29	TPH
1,2,4-Trimethylbenzene	1.3	0.035		6.2	0.17	0.702	4/29/13 6:29	TPH
1,3,5-Trimethylbenzene	0.32	0.035		1.6	0.17	0.702	4/29/13 6:29	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 6:29	TPH
Vinyl Chloride	0.068	0.035		0.17	0.090	0.702	4/29/13 6:29	TPH
m&p-Xylene	4.3	0.070		19	0.30	0.702	4/29/13 6:29	TPH
o-Xylene	1.5	0.035		6.5	0.15	0.702	4/29/13 6:29	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	92.4	70-130	4/27/13 13:29
4-Bromofluorobenzene (1)	96.5	70-130	4/29/13 6:29

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: DUP 1
Sample ID: 13D1071-12
Sample Matrix: Air
Sampled: 4/22/2013 00:00

Sample Description/Location:
Sub Description/Location:
Canister ID: 1843
Canister Size: 6 liter
Flow Controller ID: 3515
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -8.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag	Results	RL	Dilution	Analyzed	Analyst
Acetone	9.8	1.4	L-05	23	3.3	0.702	4/29/13 5:44	TPH
Benzene	2.5	0.035		7.9	0.11	0.702	4/29/13 5:44	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 5:44	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 5:44	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 5:44	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 5:44	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 5:44	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 5:44	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 5:44	TPH
Carbon Tetrachloride	0.071	0.035		0.45	0.22	0.702	4/29/13 5:44	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 5:44	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 5:44	TPH
Chloroform	ND	0.035		ND	0.17	0.702	4/29/13 5:44	TPH
Chloromethane	0.67	0.070		1.4	0.14	0.702	4/29/13 5:44	TPH
Cyclohexane	0.91	0.035		3.1	0.12	0.702	4/29/13 5:44	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 5:44	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 5:44	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 5:44	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 5:44	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 5:44	TPH
Dichlorodifluoromethane (Freon 12)	0.27	0.035		1.3	0.17	0.702	4/29/13 5:44	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 5:44	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 5:44	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 5:44	TPH
cis-1,2-Dichloroethylene	1.1	0.035		4.5	0.14	0.702	4/29/13 5:44	TPH
trans-1,2-Dichloroethylene	0.048	0.035		0.19	0.14	0.702	4/29/13 5:44	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 5:44	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 5:44	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 5:44	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 5:44	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 5:44	TPH
Ethanol	40	40		76	75	20	4/27/13 12:51	TPH
Ethyl Acetate	0.63	0.035		2.3	0.13	0.702	4/29/13 5:44	TPH
Ethylbenzene	1.8	0.035		7.7	0.15	0.702	4/29/13 5:44	TPH
4-Ethyltoluene	0.58	0.035		2.8	0.17	0.702	4/29/13 5:44	TPH
Heptane	2.3	0.035		9.5	0.14	0.702	4/29/13 5:44	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 5:44	TPH

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: DUP 1
Sample ID: 13D1071-12
Sample Matrix: Air
Sampled: 4/22/2013 00:00

Sample Description/Location:
Sub Description/Location:
Canister ID: 1843
Canister Size: 6 liter
Flow Controller ID: 3515
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -8.6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Hexane	7.5	1.4		26	4.9	0.702	4/29/13 5:44	TPH
2-Hexanone (MBK)	ND	0.035		ND	0.14	0.702	4/29/13 5:44	TPH
Isopropanol	1.7	1.4	L-05	4.3	3.4	0.702	4/29/13 5:44	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 5:44	TPH
Methylene Chloride	0.73	0.35		2.5	1.2	0.702	4/29/13 5:44	TPH
4-Methyl-2-pentanone (MIBK)	0.26	0.035	L-05	1.1	0.14	0.702	4/29/13 5:44	TPH
Naphthalene	0.23	0.035		1.2	0.18	0.702	4/29/13 5:44	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 5:44	TPH
Styrene	ND	0.035		ND	0.15	0.702	4/29/13 5:44	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 5:44	TPH
Tetrachloroethylene	30	0.035		210	0.24	0.702	4/29/13 5:44	TPH
Tetrahydrofuran	0.11	0.035		0.33	0.10	0.702	4/29/13 5:44	TPH
Toluene	12	0.035		47	0.13	0.702	4/29/13 5:44	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 5:44	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 5:44	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 5:44	TPH
Trichloroethylene	1.0	0.035		5.4	0.19	0.702	4/29/13 5:44	TPH
Trichlorofluoromethane (Freon 11)	2.3	0.035		13	0.20	0.702	4/29/13 5:44	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.067	0.035	V-05	0.52	0.27	0.702	4/29/13 5:44	TPH
1,2,4-Trimethylbenzene	2.2	0.035		11	0.17	0.702	4/29/13 5:44	TPH
1,3,5-Trimethylbenzene	0.52	0.035		2.6	0.17	0.702	4/29/13 5:44	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 5:44	TPH
Vinyl Chloride	0.048	0.035		0.12	0.090	0.702	4/29/13 5:44	TPH
m&p-Xylene	6.6	0.070		29	0.30	0.702	4/29/13 5:44	TPH
o-Xylene	2.4	0.035		10	0.15	0.702	4/29/13 5:44	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.6	70-130	4/29/13 5:44
4-Bromofluorobenzene (1)	91.2	70-130	4/27/13 12:51

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-2 **OA**
Sample ID: 13D1071-13
Sample Matrix: Ambient Air
Sampled: 4/23/2013 15:45

Sample Description/Location:
Sub Description/Location:
Canister ID: 1105
Canister Size: 6 liter
Flow Controller ID: 3511
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -4
Receipt Vacuum(in Hg): -6.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Acetone	3.6	1.4	L-05	8.6	3.3	0.702	4/29/13 4:14	TPH
Benzene	0.12	0.035		0.39	0.11	0.702	4/29/13 4:14	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 4:14	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 4:14	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 4:14	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 4:14	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 4:14	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 4:14	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 4:14	TPH
Carbon Tetrachloride	0.071	0.035		0.45	0.22	0.702	4/29/13 4:14	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 4:14	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 4:14	TPH
Chloroform	ND	0.035		ND	0.17	0.702	4/29/13 4:14	TPH
Chloromethane	0.65	0.070		1.3	0.14	0.702	4/29/13 4:14	TPH
Cyclohexane	ND	0.035		ND	0.12	0.702	4/29/13 4:14	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 4:14	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 4:14	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 4:14	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 4:14	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 4:14	TPH
Dichlorodifluoromethane (Freon 12)	0.30	0.035		1.5	0.17	0.702	4/29/13 4:14	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 4:14	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 4:14	TPH
1,1-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 4:14	TPH
cis-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 4:14	TPH
trans-1,2-Dichloroethylene	ND	0.035		ND	0.14	0.702	4/29/13 4:14	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 4:14	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 4:14	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 4:14	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 4:14	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 4:14	TPH
Ethanol	2.7	1.4		5.1	2.6	0.702	4/29/13 4:14	TPH
Ethyl Acetate	0.59	0.035		2.1	0.13	0.702	4/29/13 4:14	TPH
Ethylbenzene	ND	0.035		ND	0.15	0.702	4/29/13 4:14	TPH
4-Ethyltoluene	ND	0.035		ND	0.17	0.702	4/29/13 4:14	TPH
Heptane	ND	0.035		ND	0.14	0.702	4/29/13 4:14	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 4:14	TPH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: SV-2 **OA**
Sample ID: 13D1071-13
Sample Matrix: Ambient Air
Sampled: 4/23/2013 15:45

Sample Description/Location:
Sub Description/Location:
Canister ID: 1105
Canister Size: 6 liter
Flow Controller ID: 3511
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -4
Receipt Vacuum(in Hg): -6.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	ND	1.4		ND	4.9	0.702	4/29/13 4:14	TPH
2-Hexanone (MBK)	ND	0.035		ND	0.14	0.702	4/29/13 4:14	TPH
Isopropanol	ND	1.4		ND	3.4	0.702	4/29/13 4:14	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 4:14	TPH
Methylene Chloride	0.65	0.35		2.2	1.2	0.702	4/29/13 4:14	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.035		ND	0.14	0.702	4/29/13 4:14	TPH
Naphthalene	ND	0.035		ND	0.18	0.702	4/29/13 4:14	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 4:14	TPH
Styrene	ND	0.035		ND	0.15	0.702	4/29/13 4:14	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 4:14	TPH
Tetrachloroethylene	0.11	0.035		0.73	0.24	0.702	4/29/13 4:14	TPH
Tetrahydrofuran	ND	0.035		ND	0.10	0.702	4/29/13 4:14	TPH
Toluene	0.21	0.035		0.80	0.13	0.702	4/29/13 4:14	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 4:14	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 4:14	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 4:14	TPH
Trichloroethylene	ND	0.035		ND	0.19	0.702	4/29/13 4:14	TPH
Trichlorofluoromethane (Freon 11)	0.19	0.035		1.1	0.20	0.702	4/29/13 4:14	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.067	0.035	V-05	0.51	0.27	0.702	4/29/13 4:14	TPH
1,2,4-Trimethylbenzene	ND	0.035		ND	0.17	0.702	4/29/13 4:14	TPH
1,3,5-Trimethylbenzene	ND	0.035		ND	0.17	0.702	4/29/13 4:14	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 4:14	TPH
Vinyl Chloride	ND	0.035		ND	0.090	0.702	4/29/13 4:14	TPH
m&p-Xylene	0.088	0.070		0.38	0.30	0.702	4/29/13 4:14	TPH
o-Xylene	0.038	0.035		0.16	0.15	0.702	4/29/13 4:14	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	93.6	70-130	4/29/13 4:14

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ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: DUP 2
Sample ID: 13D1071-14
Sample Matrix: Air
Sampled: 4/22/2013 00:00

Sample Description/Location:
Sub Description/Location:
Canister ID: 1503
Canister Size: 6 liter
Flow Controller ID: 3513
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -27
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -7.3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag	Results	RL	Dilution	Analyzed	Analyst
Acetone	12	1.4	L-05	29	3.3	0.702	4/29/13 4:59	TPH
Benzene	1.8	0.035		5.8	0.11	0.702	4/29/13 4:59	TPH
Benzyl chloride	ND	0.035		ND	0.18	0.702	4/29/13 4:59	TPH
Bromodichloromethane	ND	0.035		ND	0.24	0.702	4/29/13 4:59	TPH
Bromoform	ND	0.035		ND	0.36	0.702	4/29/13 4:59	TPH
Bromomethane	ND	0.035		ND	0.14	0.702	4/29/13 4:59	TPH
1,3-Butadiene	ND	0.035		ND	0.078	0.702	4/29/13 4:59	TPH
2-Butanone (MEK)	ND	1.4		ND	4.1	0.702	4/29/13 4:59	TPH
Carbon Disulfide	ND	0.35		ND	1.1	0.702	4/29/13 4:59	TPH
Carbon Tetrachloride	0.068	0.035		0.43	0.22	0.702	4/29/13 4:59	TPH
Chlorobenzene	ND	0.035		ND	0.16	0.702	4/29/13 4:59	TPH
Chloroethane	ND	0.035		ND	0.093	0.702	4/29/13 4:59	TPH
Chloroform	ND	0.035		ND	0.17	0.702	4/29/13 4:59	TPH
Chloromethane	0.55	0.070		1.1	0.14	0.702	4/29/13 4:59	TPH
Cyclohexane	0.58	0.035		2.0	0.12	0.702	4/29/13 4:59	TPH
Dibromochloromethane	ND	0.035		ND	0.30	0.702	4/29/13 4:59	TPH
1,2-Dibromoethane (EDB)	ND	0.035		ND	0.27	0.702	4/29/13 4:59	TPH
1,2-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 4:59	TPH
1,3-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 4:59	TPH
1,4-Dichlorobenzene	ND	0.035		ND	0.21	0.702	4/29/13 4:59	TPH
Dichlorodifluoromethane (Freon 12)	0.27	0.035		1.3	0.17	0.702	4/29/13 4:59	TPH
1,1-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 4:59	TPH
1,2-Dichloroethane	ND	0.035		ND	0.14	0.702	4/29/13 4:59	TPH
1,1-Dichloroethylene	0.039	0.035		0.15	0.14	0.702	4/29/13 4:59	TPH
cis-1,2-Dichloroethylene	1.0	0.035		4.1	0.14	0.702	4/29/13 4:59	TPH
trans-1,2-Dichloroethylene	0.044	0.035		0.18	0.14	0.702	4/29/13 4:59	TPH
1,2-Dichloropropane	ND	0.035		ND	0.16	0.702	4/29/13 4:59	TPH
cis-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 4:59	TPH
trans-1,3-Dichloropropene	ND	0.035		ND	0.16	0.702	4/29/13 4:59	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035		ND	0.25	0.702	4/29/13 4:59	TPH
1,4-Dioxane	ND	0.035		ND	0.13	0.702	4/29/13 4:59	TPH
Ethanol	77	40		150	75	20	4/27/13 12:13	TPH
Ethyl Acetate	0.62	0.035		2.2	0.13	0.702	4/29/13 4:59	TPH
Ethylbenzene	1.1	0.035		4.9	0.15	0.702	4/29/13 4:59	TPH
4-Ethyltoluene	0.36	0.035		1.8	0.17	0.702	4/29/13 4:59	TPH
Heptane	1.6	0.035		6.4	0.14	0.702	4/29/13 4:59	TPH
Hexachlorobutadiene	ND	0.035		ND	0.37	0.702	4/29/13 4:59	TPH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Former Doro Cleaners, Buffalo
Date Received: 4/26/2013
Field Sample #: DUP 2
Sample ID: 13D1071-14
Sample Matrix: Air
Sampled: 4/22/2013 00:00

Sample Description/Location:
Sub Description/Location:
Canister ID: 1503
Canister Size: 6 liter
Flow Controller ID: 3513
Sample Type: 24 hr

Work Order: 13D1071
Initial Vacuum(in Hg): -27
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -7.3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Hexane	5.4	1.4		19	4.9	0.702	4/29/13 4:59	TPH
2-Hexanone (MBK)	0.22	0.035		0.90	0.14	0.702	4/29/13 4:59	TPH
Isopropanol	2.3	1.4	L-05	5.7	3.4	0.702	4/29/13 4:59	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.035		ND	0.13	0.702	4/29/13 4:59	TPH
Methylene Chloride	0.68	0.35		2.3	1.2	0.702	4/29/13 4:59	TPH
4-Methyl-2-pentanone (MIBK)	0.21	0.035	L-05	0.88	0.14	0.702	4/29/13 4:59	TPH
Naphthalene	0.14	0.035		0.75	0.18	0.702	4/29/13 4:59	TPH
Propene	ND	1.4		ND	2.4	0.702	4/29/13 4:59	TPH
Styrene	ND	0.035		ND	0.15	0.702	4/29/13 4:59	TPH
1,1,2,2-Tetrachloroethane	ND	0.035		ND	0.24	0.702	4/29/13 4:59	TPH
Tetrachloroethylene	23	0.035		150	0.24	0.702	4/29/13 4:59	TPH
Tetrahydrofuran	ND	0.035		ND	0.10	0.702	4/29/13 4:59	TPH
Toluene	8.5	0.035		32	0.13	0.702	4/29/13 4:59	TPH
1,2,4-Trichlorobenzene	ND	0.035		ND	0.26	0.702	4/29/13 4:59	TPH
1,1,1-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 4:59	TPH
1,1,2-Trichloroethane	ND	0.035		ND	0.19	0.702	4/29/13 4:59	TPH
Trichloroethylene	0.85	0.035		4.6	0.19	0.702	4/29/13 4:59	TPH
Trichlorofluoromethane (Freon 11)	1.5	0.035		8.3	0.20	0.702	4/29/13 4:59	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.065	0.035	V-05	0.49	0.27	0.702	4/29/13 4:59	TPH
1,2,4-Trimethylbenzene	1.5	0.035		7.3	0.17	0.702	4/29/13 4:59	TPH
1,3,5-Trimethylbenzene	0.38	0.035		1.8	0.17	0.702	4/29/13 4:59	TPH
Vinyl Acetate	ND	0.70		ND	2.5	0.702	4/29/13 4:59	TPH
Vinyl Chloride	0.067	0.035		0.17	0.090	0.702	4/29/13 4:59	TPH
m&p-Xylene	4.2	0.070		18	0.30	0.702	4/29/13 4:59	TPH
o-Xylene	1.5	0.035		6.5	0.15	0.702	4/29/13 4:59	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	91.6	70-130	4/27/13 12:13
4-Bromofluorobenzene (1)	94.6	70-130	4/29/13 4:59

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Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
13D1071-01	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-02	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-02RE1	B071996	1.5	1	N/A	1000	400	30	04/28/13
13D1071-03	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-03RE1	B071996	1.5	1	N/A	1000	400	30	04/28/13
13D1071-04	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-05	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-05RE1	B071996	1.5	1	N/A	1000	400	30	04/28/13
13D1071-06	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-07	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-08	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-09	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-10	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-10RE1	B071996	1.5	1	N/A	1000	400	30	04/28/13
13D1071-11	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-12	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-13	B071996	1.5	1	N/A	1000	400	855	04/28/13
13D1071-14	B071996	1.5	1	N/A	1000	400	855	04/28/13

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
13D1071-04RE1	B071997	1.5	1	N/A	1000	400	30	04/26/13
13D1071-07RE1	B071997	1.5	1	N/A	1000	400	30	04/26/13
13D1071-09RE1	B071997	1.5	1	N/A	1000	400	30	04/26/13
13D1071-11RE1	B071997	1.5	1	N/A	1000	400	30	04/26/13
13D1071-12RE1	B071997	1.5	1	N/A	1000	400	30	04/26/13
13D1071-14RE1	B071997	1.5	1	N/A	1000	400	30	04/26/13

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B071996 - TO-15 Prep											
Blank (B071996-BLK1)					Prepared & Analyzed: 04/28/13						
Acetone	ND	1.0									
Benzene	ND	0.025									
Benzyl chloride	ND	0.025									
Bromodichloromethane	ND	0.025									
Bromoform	ND	0.025									
Bromomethane	ND	0.025									
1,3-Butadiene	ND	0.025									
2-Butanone (MEK)	ND	1.0									
Carbon Disulfide	ND	0.25									
Carbon Tetrachloride	ND	0.025									
Chlorobenzene	ND	0.025									
Chloroethane	ND	0.025									
Chloroform	ND	0.025									
Chloromethane	ND	0.050									
Cyclohexane	ND	0.025									
Dibromochloromethane	ND	0.025									
1,2-Dibromoethane (EDB)	ND	0.025									
1,2-Dichlorobenzene	ND	0.025									
1,3-Dichlorobenzene	ND	0.025									
1,4-Dichlorobenzene	ND	0.025									
Dichlorodifluoromethane (Freon 12)	ND	0.025									
1,1-Dichloroethane	ND	0.025									
1,2-Dichloroethane	ND	0.025									
1,1-Dichloroethylene	ND	0.025									
cis-1,2-Dichloroethylene	ND	0.025									
trans-1,2-Dichloroethylene	ND	0.025									
1,2-Dichloropropane	ND	0.025									
cis-1,3-Dichloropropene	ND	0.025									
trans-1,3-Dichloropropene	ND	0.025									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.025									
1,4-Dioxane	ND	0.025									
Ethanol	ND	1.0									
Ethyl Acetate	ND	0.025									
Ethylbenzene	ND	0.025									
4-Ethyltoluene	ND	0.025									
Heptane	ND	0.025									
Hexachlorobutadiene	ND	0.025									
Hexane	ND	1.0									
2-Hexanone (MBK)	ND	0.025									
Isopropanol	ND	1.0									
Methyl tert-Butyl Ether (MTBE)	ND	0.025									
Methylene Chloride	ND	0.25									
4-Methyl-2-pentanone (MIBK)	ND	0.025									
Naphthalene	ND	0.025									
Propene	ND	1.0									
Styrene	ND	0.025									

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag
Batch B071996 - TO-15 Prep												
Blank (B071996-BLK1)					Prepared & Analyzed: 04/28/13							
1,1,2,2-Tetrachloroethane	ND	0.025										
Tetrachloroethylene	ND	0.025										
Tetrahydrofuran	ND	0.025										
Toluene	ND	0.025										
1,2,4-Trichlorobenzene	ND	0.025										
1,1,1-Trichloroethane	ND	0.025										
1,1,2-Trichloroethane	ND	0.025										
Trichloroethylene	ND	0.025										
Trichlorofluoromethane (Freon 11)	ND	0.025										
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.025										V-05
1,2,4-Trimethylbenzene	ND	0.025										
1,3,5-Trimethylbenzene	ND	0.025										
Vinyl Acetate	ND	0.50										
Vinyl Chloride	ND	0.025										
m&p-Xylene	ND	0.050										
o-Xylene	ND	0.025										
Surrogate: 4-Bromofluorobenzene (1)	*7.22*				*8.00*		*90.2*		*70-130*			
LCS (B071996-BS1)					Prepared & Analyzed: 04/28/13							
Acetone	6.96				5.00		**139**	*	70-130			L-05
Benzene	4.96				5.00		99.2		70-130			
Benzyl chloride	6.25				5.00		125		70-130			
Bromodichloromethane	6.00				5.00		120		70-130			
Bromoform	5.26				5.00		105		70-130			
Bromomethane	4.50				5.00		89.9		70-130			
1,3-Butadiene	5.54				5.00		111		70-130			
2-Butanone (MEK)	4.75				5.00		95.0		70-130			
Carbon Disulfide	4.48				5.00		89.6		70-130			
Carbon Tetrachloride	5.17				5.00		103		70-130			
Chlorobenzene	5.25				5.00		105		70-130			
Chloroethane	5.70				5.00		114		70-130			
Chloroform	4.20				5.00		84.1		70-130			
Chloromethane	5.44				5.00		109		70-130			
Cyclohexane	5.10				5.00		102		70-130			
Dibromochloromethane	5.14				5.00		103		70-130			
1,2-Dibromoethane (EDB)	5.26				5.00		105		70-130			
1,2-Dichlorobenzene	6.08				5.00		122		70-130			
1,3-Dichlorobenzene	6.12				5.00		122		70-130			
1,4-Dichlorobenzene	5.91				5.00		118		70-130			
Dichlorodifluoromethane (Freon 12)	4.59				5.00		91.7		70-130			
1,1-Dichloroethane	4.49				5.00		89.8		70-130			
1,2-Dichloroethane	4.65				5.00		92.9		70-130			
1,1-Dichloroethylene	4.30				5.00		86.0		70-130			
cis-1,2-Dichloroethylene	4.74				5.00		94.7		70-130			
trans-1,2-Dichloroethylene	4.49				5.00		89.8		70-130			
1,2-Dichloropropane	6.18				5.00		124		70-130			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag
Batch B071996 - TO-15 Prep												
LCS (B071996-BS1)					Prepared & Analyzed: 04/28/13							
cis-1,3-Dichloropropene	5.91				5.00		118		70-130			
trans-1,3-Dichloropropene	6.31				5.00		126		70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	5.02				5.00		100		70-130			
1,4-Dioxane	5.51				5.00		110		70-130			
Ethanol	5.21				5.00		104		70-130			
Ethyl Acetate	5.27				5.00		105		70-130			
Ethylbenzene	5.43				5.00		109		70-130			
4-Ethyltoluene	5.58				5.00		112		70-130			
Heptane	5.98				5.00		120		70-130			
Hexachlorobutadiene	6.18				5.00		124		70-130			
Hexane	5.05				5.00		101		70-130			
2-Hexanone (MBK)	6.44				5.00		129		70-130			
Isopropanol	7.09				5.00		**142**	*	70-130			L-05
Methyl tert-Butyl Ether (MTBE)	4.21				5.00		84.2		70-130			
Methylene Chloride	4.61				5.00		92.2		70-130			
4-Methyl-2-pentanone (MIBK)	6.94				5.00		**139**	*	70-130			L-05
Naphthalene	5.27				5.00		105		70-130			
Propene	5.99				5.00		120		70-130			
Styrene	5.79				5.00		116		70-130			
1,1,2,2-Tetrachloroethane	6.68				5.00		**134**	*	70-130			L-01
Tetrachloroethylene	5.01				5.00		100		70-130			
Tetrahydrofuran	4.60				5.00		92.1		70-130			
Toluene	5.24				5.00		105		70-130			
1,2,4-Trichlorobenzene	6.23				5.00		125		70-130			
1,1,1-Trichloroethane	5.12				5.00		102		70-130			
1,1,2-Trichloroethane	5.56				5.00		111		70-130			
Trichloroethylene	5.36				5.00		107		70-130			
Trichlorofluoromethane (Freon 11)	4.00				5.00		80.0		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.76				5.00		75.1		70-130			V-05
1,2,4-Trimethylbenzene	6.13				5.00		123		70-130			
1,3,5-Trimethylbenzene	5.81				5.00		116		70-130			
Vinyl Acetate	4.28				5.00		85.5		70-130			
Vinyl Chloride	5.37				5.00		107		70-130			
m&p-Xylene	11.7				10.0		117		70-130			
o-Xylene	5.85				5.00		117		70-130			
Surrogate: 4-Bromofluorobenzene (1)	*8.16*				*8.00*		*102*		*70-130*			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B071996 - TO-15 Prep											
Duplicate (B071996-DUP1)			**Source: 13D1071-02**		Prepared: 04/28/13 Analyzed: 04/29/13						
Acetone	15	1.4	35	3.3		15			0.673	25	L-05
Benzene	0.20	0.035	0.63	0.11		0.20			0.704	25	
Benzyl chloride	ND	0.035	ND	0.18		ND				25	
Bromodichloromethane	ND	0.035	ND	0.24		ND				25	
Bromoform	ND	0.035	ND	0.36		ND				25	
Bromomethane	ND	0.035	ND	0.14		ND				25	
1,3-Butadiene	ND	0.035	ND	0.078		ND				25	
2-Butanone (MEK)	0.91	1.4	2.7	4.1		0.93			2.51	25	
Carbon Disulfide	ND	0.35	ND	1.1		ND				25	
Carbon Tetrachloride	0.080	0.035	0.50	0.22		0.081			0.873	25	
Chlorobenzene	ND	0.035	ND	0.16		ND				25	
Chloroethane	ND	0.035	ND	0.093		ND				25	
Chloroform	0.060	0.035	0.29	0.17		0.060			0.00	25	
Chloromethane	0.73	0.070	1.5	0.14		0.75			1.81	25	
Cyclohexane	ND	0.035	ND	0.12		ND				25	
Dibromochloromethane	ND	0.035	ND	0.30		ND				25	
1,2-Dibromoethane (EDB)	ND	0.035	ND	0.27		ND				25	
1,2-Dichlorobenzene	ND	0.035	ND	0.21		ND				25	
1,3-Dichlorobenzene	0.057	0.035	0.34	0.21		0.060			4.82	25	
1,4-Dichlorobenzene	ND	0.035	ND	0.21		ND				25	
Dichlorodifluoromethane (Freon 12)	1.1	0.035	5.2	0.17		1.0			1.61	25	
1,1-Dichloroethane	ND	0.035	ND	0.14		ND				25	
1,2-Dichloroethane	ND	0.035	ND	0.14		ND				25	
1,1-Dichloroethylene	ND	0.035	ND	0.14		ND				25	
cis-1,2-Dichloroethylene	ND	0.035	ND	0.14		ND				25	
trans-1,2-Dichloroethylene	ND	0.035	ND	0.14		ND				25	
1,2-Dichloropropane	ND	0.035	ND	0.16		ND				25	
cis-1,3-Dichloropropene	ND	0.035	ND	0.16		ND				25	
trans-1,3-Dichloropropene	ND	0.035	ND	0.16		ND				25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035	ND	0.25		ND				25	
1,4-Dioxane	ND	0.035	ND	0.13		ND				25	
Ethyl Acetate	3.9	0.035	14	0.13		4.0			2.72	25	
Ethylbenzene	0.31	0.035	1.4	0.15		0.32			0.895	25	
4-Ethyltoluene	0.16	0.035	0.76	0.17		0.16			2.24	25	
Heptane	0.15	0.035	0.62	0.14		0.15			1.39	25	
Hexachlorobutadiene	ND	0.035	ND	0.37		ND				25	
Hexane	0.47	1.4	1.7	4.9		0.48			1.76	25	
2-Hexanone (MBK)	0.15	0.035	0.62	0.14		0.15			0.462	25	
Isopropanol	5.7	1.4	14	3.4		5.8			2.18	25	L-05
Methyl tert-Butyl Ether (MTBE)	ND	0.035	ND	0.13		ND				25	
Methylene Chloride	1.3	0.35	4.4	1.2		1.3			1.93	25	
4-Methyl-2-pentanone (MIBK)	0.16	0.035	0.67	0.14		0.16			0.866	25	L-05
Naphthalene	0.11	0.035	0.59	0.18		0.11			0.627	25	
Propene	ND	1.4	ND	2.4		ND				25	
Styrene	0.058	0.035	0.25	0.15		0.060			2.38	25	
1,1,2,2-Tetrachloroethane	ND	0.035	ND	0.24		ND				25	

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B071996 - TO-15 Prep											
Duplicate (B071996-DUP1)		**Source: 13D1071-02**			Prepared: 04/28/13 Analyzed: 04/29/13						
Tetrachloroethylene	0.11	0.035	0.75	0.24		0.11			0.639	25	
Tetrahydrofuran	0.046	0.035	0.13	0.10		0.039			14.9	25	
Toluene	1.5	0.035	5.8	0.13		1.5			0.956	25	
1,2,4-Trichlorobenzene	ND	0.035	ND	0.26		ND				25	
1,1,1-Trichloroethane	ND	0.035	ND	0.19		ND				25	
1,1,2-Trichloroethane	ND	0.035	ND	0.19		ND				25	
Trichloroethylene	ND	0.035	ND	0.19		ND				25	
Trichlorofluoromethane (Freon 11)	0.58	0.035	3.3	0.20		0.60			3.22	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.082	0.035	0.63	0.27		0.085			3.36	25	V-05
1,2,4-Trimethylbenzene	0.76	0.035	3.7	0.17		0.76			0.277	25	
1,3,5-Trimethylbenzene	0.21	0.035	1.0	0.17		0.20			1.72	25	
Vinyl Acetate	ND	0.70	ND	2.5		ND				25	
Vinyl Chloride	0.044	0.035	0.11	0.090		0.044			0.00	25	
m&p-Xylene	1.0	0.070	4.4	0.30		1.0			0.276	25	
o-Xylene	0.45	0.035	2.0	0.15		0.44			2.04	25	
Surrogate: 4-Bromofluorobenzene (1)	*7.61*				*8.00*		*95.1*	*70-130*			
Duplicate (B071996-DUP2)		**Source: 13D1071-02RE1**			Prepared: 04/28/13 Analyzed: 04/29/13						
Ethanol	120	40	230	75		110			10.0	25	
Surrogate: 4-Bromofluorobenzene (1)	*7.22*				*8.00*		*90.2*	*70-130*			
Batch B071997 - TO-15 Prep											
Blank (B071997-BLK1)					Prepared & Analyzed: 04/26/13						
Ethanol	ND	1.0									
Surrogate: 4-Bromofluorobenzene (1)	*7.60*				*8.00*		*95.0*	*70-130*			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B071997 - TO-15 Prep											
LCS (B071997-BS1)					Prepared & Analyzed: 04/26/13						
Ethanol	5.35				5.00		107	70-130			
Surrogate: 4-Bromofluorobenzene (1)	*7.80*				*8.00*		*97.5*	*70-130*			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-05	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S004129-CCV1)			Lab File ID: B042802.D			Analyzed: 04/28/13 18:44			
Bromochloromethane (1)	271114	8.279	241397	8.28	112	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	377926	10.166	438709	10.172	86	60 - 140	-0.0060	+/-0.50	
Chlorobenzene-d5 (1)	363457	14.937	404360	14.947	90	60 - 140	-0.0100	+/-0.50	
LCS (B071996-BS1)			Lab File ID: B042803.D			Analyzed: 04/28/13 19:25			
Bromochloromethane (1)	271682	8.282	271114	8.279	100	60 - 140	0.0030	+/-0.50	
1,4-Difluorobenzene (1)	385079	10.168	377926	10.166	102	60 - 140	0.0020	+/-0.50	
Chlorobenzene-d5 (1)	367063	14.939	363457	14.937	101	60 - 140	0.0020	+/-0.50	
Blank (B071996-BLK1)			Lab File ID: B042807.D			Analyzed: 04/28/13 22:15			
Bromochloromethane (1)	261217	8.278	271114	8.279	96	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	363512	10.165	377926	10.166	96	60 - 140	-0.0010	+/-0.50	
Chlorobenzene-d5 (1)	339904	14.936	363457	14.937	94	60 - 140	-0.0010	+/-0.50	
(13D1071-01)			Lab File ID: B042809.D			Analyzed: 04/28/13 23:44			
Bromochloromethane (1)	249755	8.274	271114	8.279	92	60 - 140	-0.0050	+/-0.50	
1,4-Difluorobenzene (1)	337707	10.167	377926	10.166	89	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	316413	14.932	363457	14.937	87	60 - 140	-0.0050	+/-0.50	
(13D1071-03)			Lab File ID: B042810.D			Analyzed: 04/29/13 00:29			
Bromochloromethane (1)	256660	8.274	271114	8.279	95	60 - 140	-0.0050	+/-0.50	
1,4-Difluorobenzene (1)	351750	10.167	377926	10.166	93	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	334123	14.938	363457	14.937	92	60 - 140	0.0010	+/-0.50	
(13D1071-05)			Lab File ID: B042811.D			Analyzed: 04/29/13 01:15			
Bromochloromethane (1)	265663	8.279	271114	8.279	98	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	368519	10.166	377926	10.166	98	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	356288	14.937	363457	14.937	98	60 - 140	0.0000	+/-0.50	
(13D1071-06)			Lab File ID: B042812.D			Analyzed: 04/29/13 02:00			
Bromochloromethane (1)	278440	8.274	271114	8.279	103	60 - 140	-0.0050	+/-0.50	
1,4-Difluorobenzene (1)	403308	10.167	377926	10.166	107	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	378350	14.932	363457	14.937	104	60 - 140	-0.0050	+/-0.50	
(13D1071-08)			Lab File ID: B042813.D			Analyzed: 04/29/13 02:45			
Bromochloromethane (1)	271259	8.279	271114	8.279	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	394539	10.166	377926	10.166	104	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	374723	14.931	363457	14.937	103	60 - 140	-0.0060	+/-0.50	
(13D1071-10)			Lab File ID: B042814.D			Analyzed: 04/29/13 03:30			
Bromochloromethane (1)	292440	8.279	271114	8.279	108	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	444451	10.166	377926	10.166	118	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	421418	14.937	363457	14.937	116	60 - 140	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
(13D1071-13)			Lab File ID: B042815.D			Analyzed: 04/29/13 04:14			
Bromochloromethane (1)	295086	8.273	271114	8.279	109	60 - 140	-0.0060	+/-0.50	
1,4-Difluorobenzene (1)	468564	10.166	377926	10.166	124	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	436004	14.931	363457	14.937	120	60 - 140	-0.0060	+/-0.50	
(13D1071-14)			Lab File ID: B042816.D			Analyzed: 04/29/13 04:59			
Bromochloromethane (1)	300667	8.276	271114	8.279	111	60 - 140	-0.0030	+/-0.50	
1,4-Difluorobenzene (1)	470015	10.169	377926	10.166	124	60 - 140	0.0030	+/-0.50	
Chlorobenzene-d5 (1)	445108	14.934	363457	14.937	122	60 - 140	-0.0030	+/-0.50	
(13D1071-12)			Lab File ID: B042817.D			Analyzed: 04/29/13 05:44			
Bromochloromethane (1)	304759	8.28	271114	8.279	112	60 - 140	0.0010	+/-0.50	
1,4-Difluorobenzene (1)	480882	10.166	377926	10.166	127	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	454197	14.931	363457	14.937	125	60 - 140	-0.0060	+/-0.50	
(13D1071-11)			Lab File ID: B042818.D			Analyzed: 04/29/13 06:29			
Bromochloromethane (1)	303902	8.278	271114	8.279	112	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	496827	10.165	377926	10.166	131	60 - 140	-0.0010	+/-0.50	
Chlorobenzene-d5 (1)	463842	14.936	363457	14.937	128	60 - 140	-0.0010	+/-0.50	
(13D1071-09)			Lab File ID: B042819.D			Analyzed: 04/29/13 07:15			
Bromochloromethane (1)	309011	8.278	271114	8.279	114	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	503041	10.165	377926	10.166	133	60 - 140	-0.0010	+/-0.50	
Chlorobenzene-d5 (1)	449584	14.936	363457	14.937	124	60 - 140	-0.0010	+/-0.50	
(13D1071-07)			Lab File ID: B042820.D			Analyzed: 04/29/13 07:59			
Bromochloromethane (1)	311597	8.277	271114	8.279	115	60 - 140	-0.0020	+/-0.50	
1,4-Difluorobenzene (1)	505595	10.164	377926	10.166	134	60 - 140	-0.0020	+/-0.50	
Chlorobenzene-d5 (1)	473946	14.935	363457	14.937	130	60 - 140	-0.0020	+/-0.50	
(13D1071-04)			Lab File ID: B042821.D			Analyzed: 04/29/13 08:44			
Bromochloromethane (1)	305606	8.279	271114	8.279	113	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	492275	10.166	377926	10.166	130	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	461609	14.931	363457	14.937	127	60 - 140	-0.0060	+/-0.50	
(13D1071-02)			Lab File ID: B042822.D			Analyzed: 04/29/13 09:29			
Bromochloromethane (1)	305570	8.279	271114	8.279	113	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	497750	10.165	377926	10.166	132	60 - 140	-0.0010	+/-0.50	
Chlorobenzene-d5 (1)	465118	14.93	363457	14.937	128	60 - 140	-0.0070	+/-0.50	
Duplicate (B071996-DUP1)			Lab File ID: B042823.D			Analyzed: 04/29/13 10:16			
Bromochloromethane (1)	312312	8.274	271114	8.279	115	60 - 140	-0.0050	+/-0.50	
1,4-Difluorobenzene (1)	498973	10.167	377926	10.166	132	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	465072	14.932	363457	14.937	128	60 - 140	-0.0050	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
(13D1071-03RE1)			Lab File ID: B042825.D			Analyzed: 04/29/13 12:51			
Bromochloromethane (1)	326922	8.275	271114	8.279	121	60 - 140	-0.0040	+/-0.50	
1,4-Difluorobenzene (1)	466194	10.161	377926	10.166	123	60 - 140	-0.0050	+/-0.50	
Chlorobenzene-d5 (1)	418972	14.926	363457	14.937	115	60 - 140	-0.0110	+/-0.50	
(13D1071-05RE1)			Lab File ID: B042826.D			Analyzed: 04/29/13 13:28			
Bromochloromethane (1)	281900	8.277	271114	8.279	104	60 - 140	-0.0020	+/-0.50	
1,4-Difluorobenzene (1)	404955	10.164	377926	10.166	107	60 - 140	-0.0020	+/-0.50	
Chlorobenzene-d5 (1)	353569	14.929	363457	14.937	97	60 - 140	-0.0080	+/-0.50	
(13D1071-10RE1)			Lab File ID: B042827.D			Analyzed: 04/29/13 14:06			
Bromochloromethane (1)	296038	8.277	271114	8.279	109	60 - 140	-0.0020	+/-0.50	
1,4-Difluorobenzene (1)	412943	10.164	377926	10.166	109	60 - 140	-0.0020	+/-0.50	
Chlorobenzene-d5 (1)	370723	14.929	363457	14.937	102	60 - 140	-0.0080	+/-0.50	
(13D1071-02RE1)			Lab File ID: B042828.D			Analyzed: 04/29/13 14:44			
Bromochloromethane (1)	290030	8.278	271114	8.279	107	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	386697	10.164	377926	10.166	102	60 - 140	-0.0020	+/-0.50	
Chlorobenzene-d5 (1)	351014	14.929	363457	14.937	97	60 - 140	-0.0080	+/-0.50	
Duplicate (B071996-DUP2)			Lab File ID: B042829.D			Analyzed: 04/29/13 15:22			
Bromochloromethane (1)	255803	8.278	271114	8.279	94	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	350784	10.164	377926	10.166	93	60 - 140	-0.0020	+/-0.50	
Chlorobenzene-d5 (1)	303118	14.929	363457	14.937	83	60 - 140	-0.0080	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S004130-CCV1)			Lab File ID: B042602.D			Analyzed: 04/26/13 15:22			
Bromochloromethane (1)	328969	8.28	241397	8.28	136	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	525058	10.166	438709	10.172	120	60 - 140	-0.0060	+/-0.50	
Chlorobenzene-d5 (1)	496007	14.931	404360	14.947	123	60 - 140	-0.0160	+/-0.50	
LCS (B071997-BS1)			Lab File ID: B042603.D			Analyzed: 04/26/13 16:00			
Bromochloromethane (1)	327043	8.279	328969	8.28	99	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	518128	10.166	525058	10.166	99	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	495543	14.931	496007	14.931	100	60 - 140	0.0000	+/-0.50	
Blank (B071997-BLK1)			Lab File ID: B042607.D			Analyzed: 04/26/13 18:42			
Bromochloromethane (1)	310112	8.28	328969	8.28	94	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	484194	10.167	525058	10.166	92	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	450428	14.938	496007	14.931	91	60 - 140	0.0070	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
DUP 2 (13D1071-14RE1)			Lab File ID: B042631.D			Analyzed: 04/27/13 12:13			
Bromochloromethane (1)	263512	8.28	328969	8.28	80	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	371118	10.167	525058	10.166	71	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	350272	14.938	496007	14.931	71	60 - 140	0.0070	+/-0.50	
DUP 1 (13D1071-12RE1)			Lab File ID: B042632.D			Analyzed: 04/27/13 12:51			
Bromochloromethane (1)	258935	8.278	328969	8.28	79	60 - 140	-0.0020	+/-0.50	
1,4-Difluorobenzene (1)	355475	10.165	525058	10.166	68	60 - 140	-0.0010	+/-0.50	
Chlorobenzene-d5 (1)	333013	14.936	496007	14.931	67	60 - 140	0.0050	+/-0.50	
(13D1071-11RE1)			Lab File ID: B042633.D			Analyzed: 04/27/13 13:29			
Bromochloromethane (1)	258779	8.279	328969	8.28	79	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	351919	10.166	525058	10.166	67	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	330590	14.931	496007	14.931	67	60 - 140	0.0000	+/-0.50	
(13D1071-09RE1)			Lab File ID: B042634.D			Analyzed: 04/27/13 14:07			
Bromochloromethane (1)	252118	8.279	328969	8.28	77	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	339145	10.166	525058	10.166	65	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	320865	14.931	496007	14.931	65	60 - 140	0.0000	+/-0.50	
(13D1071-07RE1)			Lab File ID: B042635.D			Analyzed: 04/27/13 14:45			
Bromochloromethane (1)	248390	8.279	328969	8.28	76	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	331340	10.166	525058	10.166	63	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	312493	14.931	496007	14.931	63	60 - 140	0.0000	+/-0.50	
(13D1071-04RE1)			Lab File ID: B042636.D			Analyzed: 04/27/13 15:23			
Bromochloromethane (1)	246270	8.279	328969	8.28	75	60 - 140	-0.0010	+/-0.50	
1,4-Difluorobenzene (1)	324393	10.166	525058	10.166	62	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	309950	14.931	496007	14.931	62	60 - 140	0.0000	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S004129-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	6.19	0.8283546	1.025906	0.05	23.8	30
Benzene	A	5.00	4.57	0.9413508	0.8610913	0.05	-8.5	30
Benzyl chloride	A	5.00	5.46	0.9366321	1.023007	0.05	9.2	30
Bromodichloromethane	A	5.00	5.55	0.6896837	0.7653138	0.05	11.0	30
Bromoform	A	5.00	4.61	0.6450373	0.5949667	0.05	-7.8	30
Bromomethane	A	5.00	4.17	0.6831357	0.5699684	0.05	-16.6	30
1,3-Butadiene	A	5.00	5.13	0.3631511	0.3726609	0.05	2.6	30
2-Butanone (MEK)	A	5.00	4.19	1.545372	1.293873	0.05	-16.3	30
Carbon Disulfide	A	5.00	3.66	1.787941	1.308999	0.05	-26.8	30
Carbon Tetrachloride	A	5.00	4.67	0.5349463	0.4999921	0.05	-6.5	30
Chlorobenzene	A	5.00	4.64	0.7508891	0.6970574	0.05	-7.2	30
Chloroethane	A	5.00	5.29	0.2783443	0.2945182	0.05	5.8	30
Chloroform	A	5.00	3.80	1.212155	0.9218262	0.05	-24.0	30
Chloromethane	A	5.00	5.17	0.5418058	0.5603252	0.05	3.4	30
Cyclohexane	A	5.00	4.69	0.3674421	0.3447024	0.05	-6.2	30
Dibromochloromethane	A	5.00	4.62	0.7473385	0.6899963	0.05	-7.7	30
1,2-Dibromoethane (EDB)	A	5.00	4.74	0.6600501	0.6262397	0.05	-5.1	30
1,2-Dichlorobenzene	A	5.00	5.29	0.6481301	0.6853961	0.05	5.7	30
1,3-Dichlorobenzene	A	5.00	5.37	0.7015668	0.7536605	0.05	7.4	30
1,4-Dichlorobenzene	A	5.00	5.18	0.7096668	0.73474	0.05	3.5	30
Dichlorodifluoromethane (Freon 12)	A	5.00	4.24	1.429498	1.213423	0.05	-15.1	30
1,1-Dichloroethane	A	5.00	4.09	1.092829	0.8936993	0.05	-18.2	30
1,2-Dichloroethane	A	5.00	4.23	0.7865236	0.6655031	0.05	-15.4	30
1,1-Dichloroethylene	A	5.00	3.96	0.9569238	0.7585473	0.05	-20.7	30
cis-1,2-Dichloroethylene	A	5.00	4.23	0.8321314	0.7036332	0.05	-15.4	30
trans-1,2-Dichloroethylene	A	5.00	4.03	0.8759026	0.7063597	0.05	-19.4	30
1,2-Dichloropropane	A	5.00	5.80	0.360087	0.4179781	0.05	16.1	30
cis-1,3-Dichloropropene	A	5.00	5.45	0.523818	0.5710028	0.05	9.0	30
trans-1,3-Dichloropropene	A	5.00	5.73	0.4919749	0.5635093	0.05	14.5	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 1	A	5.00	4.68	1.685769	1.577869	0.05	-6.4	30
1,4-Dioxane	A	5.00	4.98	0.193588	0.1926557	0.05	-0.5	30
Ethanol	A	5.00	5.22	0.1820862	0.1901193	0.05	4.4	30
Ethyl Acetate	A	5.00	4.46	0.1888158	0.1684251	0.05	-10.8	30
Ethylbenzene	A	5.00	4.85	1.243091	1.205262	0.05	-3.0	30
4-Ethyltoluene	A	5.00	5.05	1.17607	1.188441	0.05	1.1	30
Heptane	A	5.00	5.70	0.2781826	0.3168282	0.05	13.9	30
Hexachlorobutadiene	A	5.00	4.99	0.3871347	0.3861012	0.05	-0.3	30
Hexane	A	5.00	4.54	0.7062516	0.6418732	0.05	-9.1	30

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CONTINUING CALIBRATION CHECK

EPA TO-15

S004129-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
2-Hexanone (MBK)	A	5.00	5.27	0.9700782	1.022418	0.05	5.4	30	
Isopropanol	A	5.00	6.11	0.8060302	0.9844597	0.05	22.1	30	
Methyl tert-Butyl Ether (MTBE)	A	5.00	3.78	1.499911	1.133404	0.05	-24.4	30	
Methylene Chloride	A	5.00	4.20	0.8355231	0.7022935	0.05	-15.9	30	
4-Methyl-2-pentanone (MIBK)	A	5.00	6.00	0.9094714	1.091507	0.05	20.0	30	
Naphthalene	A	5.00	4.04	1.246215	1.007538	0.05	-19.2	30	
Propene	A	5.00	5.64	0.4557526	0.5136201	0.05	12.7	30	
Styrene	A	5.00	5.10	0.6679813	0.6812844	0.05	2.0	30	
1,1,2,2-Tetrachloroethane	A	5.00	6.01	0.9452754	1.136152	0.05	20.2	30	
Tetrachloroethylene	A	5.00	4.45	0.4528223	0.4029087	0.05	-11.0	30	
Tetrahydrofuran	A	5.00	4.01	0.2562512	0.2055932	0.05	-19.8	30	
Toluene	A	5.00	4.73	0.957834	0.9055399	0.05	-5.5	30	
1,2,4-Trichlorobenzene	A	5.00	4.93	0.4479159	0.4419296	0.05	-1.3	30	
1,1,1-Trichloroethane	A	5.00	4.72	0.5392166	0.5094246	0.05	-5.5	30	
1,1,2-Trichloroethane	A	5.00	4.99	0.3705677	0.3715389	0.05	0.3	30	
Trichloroethylene	A	5.00	4.98	0.3742704	0.372475	0.05	-0.5	30	
Trichlorofluoromethane (Freon 11)	A	5.00	3.62	1.248934	0.9035786	0.05	-27.7	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	A	5.00	3.38	1.044253	0.7048312	0.05	-32.5	30	*
1,2,4-Trimethylbenzene	A	5.00	5.27	0.9274325	0.9772116	0.05	5.4	30	
1,3,5-Trimethylbenzene	A	5.00	5.14	0.9520193	0.9785191	0.05	2.8	30	
Vinyl Acetate	A	5.00	3.90	1.995075	1.555431	0.05	-22.0	30	
Vinyl Chloride	A	5.00	4.99	0.5783172	0.5772981	0.05	-0.2	30	
m&p-Xylene	A	10.0	10.4	1.013541	1.050878	0.05	3.7	30	
o-Xylene	A	5.00	5.28	0.9589857	1.011716	0.05	5.5	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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CONTINUING CALIBRATION CHECK

EPA TO-15

S004130-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethanol	A	5.00	5.32	0.1820862	0.1938712	0.05	6.5	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA
Benzene	AIHA,FL,NJ,NY,VA
Benzyl chloride	AIHA,FL,NJ,NY,VA
Bromodichloromethane	AIHA,NJ,VA
Bromoform	AIHA,NJ,VA
Bromomethane	AIHA,FL,NJ,NY
1,3-Butadiene	AIHA,NJ,VA
2-Butanone (MEK)	AIHA,FL,NJ,NY,VA
Carbon Disulfide	AIHA,NJ,VA
Carbon Tetrachloride	AIHA,FL,NJ,NY,VA
Chlorobenzene	AIHA,FL,NJ,NY,VA
Chloroethane	AIHA,FL,NJ,NY,VA
Chloroform	AIHA,FL,NJ,NY,VA
Chloromethane	AIHA,FL,NJ,NY,VA
Cyclohexane	AIHA,NJ,VA
Dibromochloromethane	AIHA,NY
1,2-Dibromoethane (EDB)	AIHA,NJ,NY
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,VA
1,3-Dichlorobenzene	AIHA,NJ,NY
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,VA
Dichlorodifluoromethane (Freon 12)	AIHA,NY
1,1-Dichloroethane	AIHA,FL,NJ,NY,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,VA
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,VA
trans-1,3-Dichloropropene	AIHA,NY
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	AIHA,NJ,VA
1,4-Dioxane	AIHA,NJ,VA
Ethanol	AIHA
Ethyl Acetate	AIHA
Ethylbenzene	AIHA,FL,NJ,NY,VA
4-Ethyltoluene	AIHA,NJ
Heptane	AIHA,NJ,NY,VA
Hexachlorobutadiene	AIHA,NJ,NY,VA
Hexane	AIHA,FL,NJ,NY,VA
2-Hexanone (MBK)	AIHA
Isopropanol	AIHA,NY
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,VA
Methylene Chloride	AIHA,FL,NJ,NY,VA
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY
Naphthalene	NY
Propene	AIHA
Styrene	AIHA,FL,NJ,NY,VA
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Tetrachloroethylene	AIHA,FL,NJ,NY,VA
Tetrahydrofuran	AIHA
Toluene	AIHA,FL,NJ,NY,VA
1,2,4-Trichlorobenzene	AIHA,NJ,NY,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,VA
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,VA
Trichloroethylene	AIHA,FL,NJ,NY,VA
Trichlorofluoromethane (Freon 11)	AIHA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	AIHA,NJ,NY,VA
1,2,4-Trimethylbenzene	AIHA,NJ,NY
1,3,5-Trimethylbenzene	AIHA,NJ,NY
Vinyl Acetate	AIHA,FL,NJ,NY,VA
Vinyl Chloride	AIHA,FL,NJ,NY,VA
m&p-Xylene	AIHA,FL,NJ,NY,VA
o-Xylene	AIHA,FL,NJ,NY,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2014
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2014
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2014
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2013
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

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AIR SAMPLE CHAIN OF CUSTODY RECORD

13D1071

39 SPRUCE ST
EAST LONGMEADOW, MA 01028

Company Name: CDM Smith
Address: 11 British American Blvd
Latham, NY 12110
Attention: Heather Hallett
Project Location: Former Doro Cleaners, Buffalo
Sampled By: E Rosenzweig, H Hallett

Telephone: (518) 782-4500
Project # 94461
Client PO #

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: HallettHL@CDMSmith.com
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☒ OTHER Cat B NYSDEC EDD

Proposal Provided? (For Billing purposes)
☒ yes _____ proposal date

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS: Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	ANALYSIS REQUESTED: TO-15	" Hg Initial pressure	" Hg Final Pressure	Lab Receipt Pressure	Summa Canister ID	Flow Control ID
01	SV-4 OA	S		4/22/13 13:06	4/23/13 12:33				AMB	X	-30	-3	4.1	1649	3523
02	SV-4 SS	S		4/22/13 13:04	4/23/13 13:04				SS	X	-30	-8.5	9.1	1805	3516
03	SV-4 IA	S		4/22/13 13:05	4/23/13 13:05				IA	X	-30	-6.5	7.8	1340	3517
04	SV-5 SS	S		4/22/13 13:38	4/23/13 13:38				SS	X	-29	-7.5	7.5	1627	3519
05	SV-5 IA	S		4/22/13 13:39	4/23/13 13:39				IA	X	-29.5	-7	8.6	1856 ~~5300~~	3521
06	SV-5 OA	S		4/22/13 13:40	4/23/13 13:40				AMB	X	-30	-6	6.1	1343	3522
07	SV-3 SS	S		4/22/13 14:38	4/23/13 14:38				SS	X	-29	-7	8.7	1258	3524
08	SV-3 IA	S		4/22/13 14:39	4/23/13 14:39				IA	X	-30	-7	8	1312	3346

Please fill out completely, sign, da and retain the yellow copy for your record
Summa canisters ar flow controllers mus returned within 14 d of receipt or rental f will apply.
Summa canisters wi retained for a minim of 14 days after sampling date prior cleaning.

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
[signature]	4/23/13 1000	[signature]	4/23/13 1322
Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:

Turnaround **
☒ 7-Day
☐ 10-Day
☐ Other ___
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*Approval Required

Special Requirements
Regulations: _____
Data Enhancement/RCP? ☐ Y ☐ N
Enhanced Data Package ☒ Y ☐ N
(Surchage Applies) NYSDEC EDD
Required Detection Limits: _____
Other: NYSDEC Contract Rates

***Matrix Code:**
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other_____

****Media Codes:**
S=summa can
TB=tedlar bag
P=PUF
T=tube
F= filter
C=cassette
O = Other_____

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 SPRUCE ST
EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

13D1071

Company Name: CDMSmith
Address: 11 British American Blvd, Latham, NY 12110
Attention: Heather Hallett
Project Location: Former Doro Cleaners, Buffalo
Sampled By: E Rosenzweig, H Hallett

Telephone: (518) 782-4500
Project # 94461
Client PO #

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: HallettHL@CDMSmith.com NYSDEC CategoryB EDD
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY ☒ OTHER

Proposal Provided? (For Billing purposes)
☒ yes _____ proposal date

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	ANALYSIS REQUESTED TO-15				" Hg Initial pressure	" Hg Final Pressure	Lab Receipt Pressure	Summa Canister ID	Flow Control ID
09	SV-2 SS1	S		4/22/13 15:26	4/23/13 15:26				SS	X				-28.5	-7	9.6	1271	334
10	SV-1 IA2	S		4/22/13 15:38	4/23/13 15:38				IA	X				-29.5	-7	7.1	1813	351
11	SV-1 SS2	S		4/22/13 15:35	4/23/13 15:35				SS	X				-29	-5	6.4	1458	3514
12	DUP1	S							[redacted]	X				-29	-8	8.6	1843	3515
13	SV-2 OA	S		4/22/13 15:45	4/23/13				AMB	X				-28	-4	6.4	1105	3511
14	DUP2	S		#						X				-27	-5	7.3	1503	3513

Please fill out completely, sign, da and retain the yellow copy for your record

Summa canisters ar flow controllers mus returned within 14 d of receipt or rental f will apply.

Summa canisters w retained for a minim of 14 days after sampling date prior cleaning.

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	Date/Time:
E Rosenzweig	4/24/13 1000
Received by: (signature)	Date/Time:
[signature]	4/24/13 1424
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround **
☒ 7-Day
☐ 10-Day
☐ Other ___
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*Approval Required

Special Requirements
Regulations: _____
Data Enhancement/RCP? ☐ Y ☐ N
Enhanced Data Package ☒ Y ☐ N
(Surchage Applies) NYSDECEDD
Required Detection Limits: CategoryB
Other: NYSDEC Contract Rates

***Matrix Code:**
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other_____

****Media Codes:**
S=summa can
TB=tedlar bag
P=PUF
T=tube
F= filter
C=cassette
O = Other_____

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

FedEx.

961201934357561500374 3

Ship (P/U) date:
Thur 4/25/2013
LATHAM, NY US

Delivered
Signed for by: B.FERRARA

Actual delivery:
Fri 4/26/2013 1:23 pm
EAST LONGMEADOW, MA US

4 Piece shipment

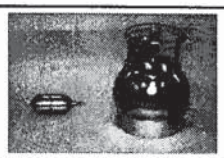
Travel History

Date/Time	Activity	Location
- 4/26/2013 - Friday		
1:23 pm	Delivered	East Longmeadow, MA
6:11 am	On FedEx vehicle for delivery	CHICOPEE, MA
5:43 am	At local FedEx facility	CHICOPEE, MA
2:36 am	Left FedEx origin facility	RENSSELAER, NY
- 4/25/2013 - Thursday		
7:45 pm	Arrived at FedEx location	RENSSELAER, NY
2:52 pm	Picked up	RENSSELAER, NY
- 4/24/2013 - Wednesday		
11:27 am	Shipment information sent to FedEx	

Local Scan Time

Shipment Facts

Tracking number	961201934357561500374 3	**Service**	FedEx Ground
Reference	0897-94461-TASK2.FIELD.P1	**Master tracking number**	343575615003712
Weight	15 lbs	**Dimensions**	22x18x13 in.
Total pieces	4	**Total shipment weight**	60 lbs / 27.2 kgs
Purchase order number	3735	**Packaging**	Package



www.contestlabs.com

con-test® ANALYTICAL LABORATORY

AIR Only Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: CDM Smith RECEIVED BY: MF DATE: 4/26/13

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) Are there any samples "On Hold"? Yes (No) Stored where:

5) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

6) Location where samples are stored: AIR lab

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of Containers	Types (Size, Duration)
Summa Cans	14	6 L
Tedlar Bags		
Tubes		
Regulators	19	24 hr.
Restrictors		
Tubing		
Other		

Unused Summas:

Unused Regulators: 3512 3414 3525 3526 3523

1) Was all media (used & unused checked into the WASP?

2) Were all returned summa cans, Restrictors, & Regulators documented as returned in the Air Lab Inbound/Outbound Excel Spreadsheet?

Laboratory Comments: 1649 1805 1340 1627 1856 1343 1258 1312 1271 1813 1458 1843 1105 1503 3520 3518 3517 3519 3521 3522 3524 3346 3345 3516 3514 3515 3511 3513

Air Sampling Media Certificate of Analysis

Date Analyzed: 4/11/2013 **Batch #:** 13CC0201

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs:	BC1856	BC1343	BC1312

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.80	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.02	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.02	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.80	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: TPH 4/29/13

Air Sampling Media Certificate of Analysis

Date Analyzed: 4/11/2013 **Batch #:** 13CC0202

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs: BC1258 BC1271

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.80	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.02	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.02	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.80	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: TPH 4/29/13

Air Sampling Media Certificate of Analysis

Date Analyzed: 4/14/2013 **Batch #:** 13CC0207

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs:		
BC1649	BC1805	BC1340
BC1813	BC1458	BC1843
BC1105	BC1503	

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.80	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.02	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.02	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.80	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: TPH 4/29/13

Air Sampling Media Certificate of Analysis

Date Analyzed: 4/22/2013 **Batch #:** 13CC0211

Certification Type: *Batch Certified* ☑ *Individual Certified* ☐

Media Type: *Summa Canister* ☑ *Flow Controllers* ☐

Media IDs: BC1627

Note:Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.80	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1.3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.02	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.02	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.80	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes:

Analyst Initials/Date: TPH 4/29/13