



Eastern Research Group
601 Keystone Park Drive
Suite 700
Morrisville, NC 27560

June 10, 2022

Shaun Burke
OECA
2890 Woodbridge Avenue
Edison, NJ 08837
Project Name: GMAP Response

Dear Shaun Burke,

This report contains the analytical results for the sample(s) received under chain(s) of custody by Eastern Research Group on 04/19/22 11:55 through 04/26/22 11:15.

Values below the MDL for QC results in this report are recorded as ND, however the actual values are reported in the accompanying Excel report with a "U" flag (Under the detection limit). The actual values are reported in AQS.

This test is accredited under the 2016 TNI Standard for Environmental Laboratories (FL DOH Certification # E87673). All analyses were performed as described in the US EPA-approved QAPP, under the contract for UATMP, NATTS, CSATAM, PAMS and NMOC support (US EPA Contract No. EP-D-14-030). This cover page is an integral part of this report, and any exceptions or comments are noted on the last page.

Release of the data contained in this data package and in the data submitted in the electronic data deliverable, has been authorized by the Program Manager, or the Program Manager's designee as verified by the following signature.

The issuance of the final Certificate of Analysis takes precedence over any previous Report. If you have any questions, please contact me at 919-468-7872.

Sincerely,

Randolph Bower
TO-15 Task Lead
randy.bower@erg.com

The information contained in this report and its attachment(s) are intended only for the use of the individual to whom it is addressed and may contain information that is privileged, confidential, or exempt from disclosure. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this report is strictly prohibited. If you have received this report in error, please notify randy.bower@erg.com and delete the report without retaining any copies.



CERTIFICATE OF ANALYSIS

OECA
2890 Woodbridge Avenue
Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.002.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

ANALYTICAL REPORT FOR SAMPLES

<u>SampleName</u>	<u>LabNumber</u>	<u>Matrix</u>	<u>Sampled</u>	<u>Received</u>
NEIC 4612 FB	2041911-01	Air	04/12/22 08:00	04/19/22 11:55
NEIC 10027	2041911-02	Air	04/11/22 13:34	04/19/22 11:55
NEIC 9497	2041911-03	Air	04/12/22 17:03	04/19/22 11:55
NEIC 4621	2041911-04	Air	04/13/22 10:43	04/19/22 11:55
NEIC 3116	2041911-05	Air	04/12/22 15:55	04/19/22 11:55
NEIC 3071	2041911-06	Air	04/11/22 12:54	04/19/22 11:55
NEIC 3101	2041911-07	Air	04/11/22 15:16	04/19/22 11:55
NEIC 3068	2041911-08	Air	04/11/22 16:22	04/19/22 11:55
NEIC 521	2041911-09	Air	04/12/22 12:49	04/19/22 11:55
NEIC 4609	2041911-10	Air	04/13/22 11:11	04/19/22 11:55
NEIC 4605	2041911-11	Air	04/14/22 13:15	04/19/22 11:55
NEIC 10009	2041911-12	Air	04/15/22 09:20	04/19/22 11:55
NEIC 9490	2041911-13	Air	04/15/22 10:25	04/19/22 11:55
NEIC 10007	2041911-14	Air	04/15/22 14:15	04/19/22 11:55
NEIC Can 3119	2042626-01	Air	04/23/22 14:49	04/26/22 11:15
NEIC Can 10023	2042626-02	Air	04/23/22 15:16	04/26/22 11:15
NEIC Can 3066	2042626-03	Air	04/16/22 11:36	04/26/22 11:15
NEIC Can 527	2042626-04	Air	04/18/22 16:30	04/26/22 11:15
NEIC Can 10018	2042626-05	Air	04/19/22 12:59	04/26/22 11:15
NEIC Can 00278	2042626-06	Air	04/19/22 12:19	04/26/22 11:15
NEIC Can 4606	2042626-07	Air	04/18/22 10:59	04/26/22 11:15
NEIC Can 535	2042626-08	Air	04/18/22 16:46	04/26/22 11:15

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NEIC Can 519	2042626-09	Air	04/22/22 17:10	04/26/22 11:15
NEIC Can 10008	2042626-10	Air	04/22/22 15:00	04/26/22 11:15
NEIC Can 4602	2042626-11	Air	04/20/22 10:16	04/26/22 11:15
NEIC Can 00118	2042626-12	Air	04/19/22 15:30	04/26/22 11:15
NEIC Can 11675	2042626-13	Air	04/22/22 17:17	04/26/22 11:15
NEIC Can 3073	2042626-14	Air	04/21/22 15:01	04/26/22 11:15
NEIC Can 4618	2042626-15	Air	04/21/22 16:43	04/26/22 11:15
NEIC Can 4601	2042626-16	Air	04/21/22 17:50	04/26/22 11:15
NEIC Can 4614	2042626-17	Air	04/22/22 13:28	04/26/22 11:15
NEIC Can 10021	2042626-18	Air	04/22/22 13:20	04/26/22 11:15
NEIC Can 10006	2042626-19	Air	04/22/22 13:22	04/26/22 11:15
NEIC Can 10005	2042626-20	Air	04/22/22 13:25	04/26/22 11:15
NEIC Can 00279	2042626-21	Air	04/21/22 16:50	04/26/22 11:15

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 4612 FB

Lab ID: 2041911-01

Sampled: 04/12/22 08:00

Pressure @ Receipt: 0 psig

Canister #: 4612

Received: 04/19/22 11:55

Comments: Field Blank

Analyzed: 04/25/22 18:43

Air Toxics by EPA Compendium Method TO-15

Analyte	Results		Flag	MDL
	ppbv	ug/m ³		ppbv
Acetylene	0.230	0.25		0.110
Propylene	0.347	0.60		0.130
Dichlorodifluoromethane	0.528	2.62		0.0244
Chloromethane	0.788	1.63		0.0507
Dichlorotetrafluoroethane	0.0179	0.13		0.00699
Vinyl chloride	0.00140	0.00	U	0.00861
1,3-Butadiene	0.00720	0.02	U	0.0165
Ethylene oxide	0.152	0.27		0.0261
Bromomethane	0.0109	0.04		0.0101
Chloroethane	0.00860	0.02	U	0.0106
Acetonitrile	0.207	0.35		0.0525
Acrolein	1.24	2.85		0.102
Trichlorofluoromethane	0.245	1.38		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	8.00E-4	0.00	U	0.00873
Dichloromethane	0.107	0.37		0.103
Carbon Disulfide	0.121	0.38		0.0190
Trichlorotrifluoroethane	0.0775	0.60		0.0119
trans-1,2-Dichloroethylene	9.00E-4	0.00	U	0.00708
1,1-Dichloroethane	0.00240	0.01	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	0.00160	0.01	U	0.0114
Chloroform	0.0285	0.14		0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	0.0232	0.09		0.00724
1,1,1-Trichloroethane	0.00300	0.02	U	0.00718
Benzene	0.197	0.63		0.0117
Carbon Tetrachloride	0.0848	0.54		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	ND	ND	CE, U	0.00933
Trichloroethylene	0.00590	0.03	U	0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

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AQS SITE CODE:

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Description: NEIC 4612 FB

Lab ID: 2041911-01

Sampled: 04/12/22 08:00

Pressure @ Receipt: 0 psig

Canister #: 4612

Received: 04/19/22 11:55

Comments: Field Blank

Analyzed: 04/25/22 18:43

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0353	0.15		0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	0.00200	0.01	U	0.0108
Toluene	0.155	0.59		0.0592
Dibromochloromethane	0.00200	0.02	U	0.0143
1,2-Dibromoethane	0.00220	0.02	U	0.0154
n-Octane	0.0244	0.11		0.00817
Tetrachloroethylene	0.00530	0.04	U	0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	0.0205	0.09		0.00948
m,p-Xylene	0.0847	0.37		0.0192
Bromoform	0.00740	0.08	U	0.0136
Styrene	ND	ND	CE, U	0.0164
1,1,2,2-Tetrachloroethane	0.00200	0.01	U	0.0158
o-Xylene	0.0295	0.13		0.0128
1,3,5-Trimethylbenzene	0.00560	0.03	U	0.0150
1,2,4-Trimethylbenzene	ND	ND	CE, U	0.0129
m-Dichlorobenzene	0.00500	0.03	U	0.0158
p-Dichlorobenzene	0.00830	0.05	U	0.0150
o-Dichlorobenzene	0.00460	0.03	U	0.0165
1,2,4-Trichlorobenzene	0.0135	0.10	U	0.0686
Hexachloro-1,3-butadiene	0.00210	0.02	U	0.0188



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REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 10027

Lab ID: 2041911-02

Sampled: 04/11/22 13:34

Pressure @ Receipt: 1.5 "Hg

Canister #: 10027

Received: 04/19/22 11:55

Comments:

Analyzed: 04/25/22 19:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.357	0.38	D, U	0.550
Propylene	16.0	27.60	D	0.650
Dichlorodifluoromethane	0.535	2.65		0.0244
Chloromethane	0.582	1.20		0.0507
Dichlorotetrafluoroethane	0.0178	0.13		0.00699
Vinyl chloride	0.0531	0.14		0.00861
1,3-Butadiene	0.341	0.76		0.0165
Ethylene oxide	0.0802	0.15		0.0261
Bromomethane	0.0100	0.04	U	0.0101
Chloroethane	0.0608	0.16		0.0106
Acetonitrile	0.0981	0.17		0.0525
Acrolein	0.289	0.66		0.102
Trichlorofluoromethane	0.249	1.40		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	0.0724	0.25	U	0.103
Carbon Disulfide	0.146	0.46		0.0190
Trichlorotrifluoroethane	0.0775	0.60		0.0119
trans-1,2-Dichloroethylene	8.00E-4	0.00	U	0.00708
1,1-Dichloroethane	0.00850	0.03		0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	0.0493	0.24		0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	0.675	2.74		0.00724
1,1,1-Trichloroethane	0.00170	0.01	U	0.00718
Benzene	0.262	0.84		0.0117
Carbon Tetrachloride	0.0877	0.55		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	0.00130	0.01	U	0.00933
Trichloroethylene	0.00680	0.04	U	0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

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REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 10027

Lab ID: 2041911-02

Sampled: 04/11/22 13:34

Pressure @ Receipt: 1.5 "Hg

Canister #: 10027

Received: 04/19/22 11:55

Comments:

Analyzed: 04/25/22 19:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0174	0.07		0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	0.0136	0.07		0.0108
Toluene	0.0858	0.32		0.0592
Dibromochloromethane	9.00E-4	0.01	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	0.0265	0.12		0.00817
Tetrachloroethylene	0.0127	0.09	U	0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	0.0152	0.07		0.00948
m,p-Xylene	0.0437	0.19		0.0192
Bromoform	0.00290	0.03	U	0.0136
Styrene	ND	ND	CE, U	0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	0.0170	0.07		0.0128
1,3,5-Trimethylbenzene	0.00560	0.03	U	0.0150
1,2,4-Trimethylbenzene	0.0126	0.06	U	0.0129
m-Dichlorobenzene	0.00110	0.01	U	0.0158
p-Dichlorobenzene	0.00200	0.01	U	0.0150
o-Dichlorobenzene	0.00120	0.01	U	0.0165
1,2,4-Trichlorobenzene	0.0202	0.15	U	0.0686
Hexachloro-1,3-butadiene	ND	ND	U	0.0188



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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 9497

Lab ID: 2041911-03

Sampled: 04/12/22 17:03

Pressure @ Receipt: 0 psig

Canister #: 9497

Received: 04/19/22 11:55

Comments:

Analyzed: 04/25/22 21:41

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.202	0.22		0.110
Propylene	0.440	0.76		0.130
Dichlorodifluoromethane	0.521	2.58		0.0244
Chloromethane	0.811	1.68		0.0507
Dichlorotetrafluoroethane	0.0177	0.12		0.00699
Vinyl chloride	0.00260	0.01	U	0.00861
1,3-Butadiene	0.00580	0.01	U	0.0165
Ethylene oxide	0.111	0.20		0.0261
Bromomethane	0.0108	0.04		0.0101
Chloroethane	0.0317	0.08		0.0106
Acetonitrile	0.130	0.22		0.0525
Acrolein	0.503	1.16		0.102
Trichlorofluoromethane	0.241	1.36		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	0.0799	0.28	U	0.103
Carbon Disulfide	0.399	1.24		0.0190
Trichlorotrifluoroethane	0.0756	0.58		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	ND	ND	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	0.0232	0.11		0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	0.0229	0.09		0.00724
1,1,1-Trichloroethane	0.00350	0.02	U	0.00718
Benzene	15.8	50.60	D	0.0585
Carbon Tetrachloride	0.0812	0.51		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	ND	ND	U	0.00933
Trichloroethylene	0.00520	0.03	U	0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

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REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 9497

Lab ID: 2041911-03

Sampled: 04/12/22 17:03

Pressure @ Receipt: 0 psig

Canister #: 9497

Received: 04/19/22 11:55

Comments:

Analyzed: 04/25/22 21:41

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0525	0.22		0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	ND	ND	U	0.0108
Toluene	1.97	7.44		0.0592
Dibromochloromethane	0.00100	0.01	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	0.199	0.93		0.00817
Tetrachloroethylene	0.00350	0.02	U	0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	0.0591	0.26		0.00948
m,p-Xylene	0.253	1.10		0.0192
Bromoform	0.00910	0.09	U	0.0136
Styrene	0.129	0.55		0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	0.0810	0.35		0.0128
1,3,5-Trimethylbenzene	0.00460	0.02	U	0.0150
1,2,4-Trimethylbenzene	0.00990	0.05	U	0.0129
m-Dichlorobenzene	ND	ND	U	0.0158
p-Dichlorobenzene	ND	ND	U	0.0150
o-Dichlorobenzene	ND	ND	U	0.0165
1,2,4-Trichlorobenzene	0.0241	0.18	U	0.0686
Hexachloro-1,3-butadiene	ND	ND	U	0.0188



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AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 4621

Lab ID: 2041911-04

Sampled: 04/13/22 10:43

Pressure @ Receipt: 2.5 " Hg

Canister #: 4621

Received: 04/19/22 11:55

Comments:

Analyzed: 04/25/22 22:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.272	0.29		0.110
Propylene	0.283	0.49		0.130
Dichlorodifluoromethane	0.518	2.57		0.0244
Chloromethane	0.616	1.27		0.0507
Dichlorotetrafluoroethane	0.0182	0.13		0.00699
Vinyl chloride	ND	ND	U	0.00861
1,3-Butadiene	0.969	2.15		0.0165
Ethylene oxide	0.567	1.02		0.0261
Bromomethane	0.00920	0.04	U	0.0101
Chloroethane	ND	ND	U	0.0106
Acetonitrile	0.625	1.05		0.0525
Acrolein	2.20	5.05		0.102
Trichlorofluoromethane	0.239	1.35		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	0.0604	0.21	U	0.103
Carbon Disulfide	0.139	0.43		0.0190
Trichlorotrifluoroethane	0.0751	0.58		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	ND	ND	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	0.0236	0.12		0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	0.0181	0.07		0.00724
1,1,1-Trichloroethane	0.00210	0.01	U	0.00718
Benzene	29.6	94.80	D	0.0585
Carbon Tetrachloride	0.0817	0.52		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	ND	ND	U	0.00933
Trichloroethylene	0.00460	0.02	U	0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 4621

Lab ID: 2041911-04

Sampled: 04/13/22 10:43

Pressure @ Receipt: 2.5 " Hg

Canister #: 4621

Received: 04/19/22 11:55

Comments:

Analyzed: 04/25/22 22:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0273	0.11		0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	ND	ND	U	0.0108
Toluene	1.34	5.06		0.0592
Dibromochloromethane	8.00E-4	0.01	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	0.0197	0.09		0.00817
Tetrachloroethylene	0.00450	0.03	U	0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	0.306	1.33		0.00948
m,p-Xylene	1.02	4.44		0.0192
Bromoform	0.00790	0.08	U	0.0136
Styrene	0.309	1.32		0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	0.316	1.37		0.0128
1,3,5-Trimethylbenzene	0.00220	0.01	U	0.0150
1,2,4-Trimethylbenzene	ND	ND	CE, U	0.0129
m-Dichlorobenzene	0.00160	0.01	U	0.0158
p-Dichlorobenzene	0.00320	0.02	U	0.0150
o-Dichlorobenzene	0.00130	0.01	U	0.0165
1,2,4-Trichlorobenzene	0.00360	0.03	U	0.0686
Hexachloro-1,3-butadiene	ND	ND	U	0.0188



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 3116

Lab ID: 2041911-05

Sampled: 04/12/22 15:55

Pressure @ Receipt: 5.0 " Hg

Canister #: 3116

Received: 04/19/22 11:55

Comments:

Analyzed: 04/25/22 23:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.197	0.21		0.110
Propylene	6.30	10.90	D	0.260
Dichlorodifluoromethane	0.516	2.56		0.0244
Chloromethane	0.610	1.26		0.0507
Dichlorotetrafluoroethane	0.0176	0.12		0.00699
Vinyl chloride	0.00200	0.01	U	0.00861
1,3-Butadiene	0.00560	0.01	U	0.0165
Ethylene oxide	0.0374	0.07		0.0261
Bromomethane	0.00890	0.03	U	0.0101
Chloroethane	0.00730	0.02	U	0.0106
Acetonitrile	0.102	0.17		0.0525
Acrolein	0.146	0.34		0.102
Trichlorofluoromethane	0.240	1.35		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	0.0587	0.20	U	0.103
Carbon Disulfide	0.277	0.86		0.0190
Trichlorotrifluoroethane	0.0754	0.58		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	ND	ND	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	0.0250	0.12		0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	0.0216	0.09		0.00724
1,1,1-Trichloroethane	0.00560	0.03	U	0.00718
Benzene	0.418	1.34		0.0117
Carbon Tetrachloride	0.0823	0.52		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	ND	ND	U	0.00933
Trichloroethylene	0.153	0.82		0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 3116

Lab ID: 2041911-05

Sampled: 04/12/22 15:55

Pressure @ Receipt: 5.0 " Hg

Canister #: 3116

Received: 04/19/22 11:55

Comments:

Analyzed: 04/25/22 23:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0150	0.06		0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	ND	ND	U	0.0108
Toluene	0.343	1.30		0.0592
Dibromochloromethane	0.00120	0.01	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	0.401	1.88		0.00817
Tetrachloroethylene	0.0719	0.49		0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	0.0693	0.30		0.00948
m,p-Xylene	0.180	0.78		0.0192
Bromoform	0.00780	0.08	U	0.0136
Styrene	ND	ND	CE, U	0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	0.0736	0.32		0.0128
1,3,5-Trimethylbenzene	0.0152	0.07		0.0150
1,2,4-Trimethylbenzene	0.0460	0.23		0.0129
m-Dichlorobenzene	ND	ND	U	0.0158
p-Dichlorobenzene	0.00200	0.01	U	0.0150
o-Dichlorobenzene	ND	ND	U	0.0165
1,2,4-Trichlorobenzene	ND	ND	U	0.0686
Hexachloro-1,3-butadiene	ND	ND	U	0.0188



CERTIFICATE OF ANALYSIS

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2890 Woodbridge Avenue

Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 3071

Lab ID: 2041911-06

Sampled: 04/11/22 12:54

Pressure @ Receipt: 1.5 " Hg

Canister #: 3071

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 00:39

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.398	0.43		0.110
Propylene	11.9	20.50	D	0.650
Dichlorodifluoromethane	0.532	2.64		0.0244
Chloromethane	0.630	1.30		0.0507
Dichlorotetrafluoroethane	0.0181	0.13		0.00699
Vinyl chloride	0.0279	0.07		0.00861
1,3-Butadiene	0.167	0.37		0.0165
Ethylene oxide	0.0907	0.16		0.0261
Bromomethane	0.0107	0.04		0.0101
Chloroethane	0.0181	0.05		0.0106
Acetonitrile	0.163	0.27		0.0525
Acrolein	0.433	1.00		0.102
Trichlorofluoromethane	0.248	1.40		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	0.0683	0.24	U	0.103
Carbon Disulfide	0.102	0.32		0.0190
Trichlorotrifluoroethane	0.0755	0.58		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	0.00330	0.01	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	0.0563	0.28		0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	0.308	1.25		0.00724
1,1,1-Trichloroethane	0.00250	0.01	U	0.00718
Benzene	0.627	2.01		0.0117
Carbon Tetrachloride	0.0797	0.50		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	8.00E-4	0.01	U	0.00933
Trichloroethylene	0.0116	0.06	U	0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 3071

Lab ID: 2041911-06

Sampled: 04/11/22 12:54

Pressure @ Receipt: 1.5 " Hg

Canister #: 3071

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 00:39

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0108	0.04		0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	0.00500	0.03	U	0.0108
Toluene	0.194	0.73		0.0592
Dibromochloromethane	ND	ND	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	0.0235	0.11		0.00817
Tetrachloroethylene	0.00730	0.05	U	0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	0.0228	0.10		0.00948
m,p-Xylene	0.116	0.51		0.0192
Bromoform	0.00150	0.02	U	0.0136
Styrene	ND	ND	CE, U	0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	0.0418	0.18		0.0128
1,3,5-Trimethylbenzene	0.0124	0.06	U	0.0150
1,2,4-Trimethylbenzene	0.0365	0.18		0.0129
m-Dichlorobenzene	ND	ND	U	0.0158
p-Dichlorobenzene	0.00100	0.01	U	0.0150
o-Dichlorobenzene	ND	ND	U	0.0165
1,2,4-Trichlorobenzene	ND	ND	U	0.0686
Hexachloro-1,3-butadiene	ND	ND	U	0.0188



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 3101

Lab ID: 2041911-07

Sampled: 04/11/22 15:16

Pressure @ Receipt: 9.0 " Hg

Canister #: 3101

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 01:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.144	0.15		0.110
Propylene	0.540	0.93		0.130
Dichlorodifluoromethane	0.531	2.63		0.0244
Chloromethane	0.595	1.23		0.0507
Dichlorotetrafluoroethane	0.0175	0.12		0.00699
Vinyl chloride	0.00560	0.01	U	0.00861
1,3-Butadiene	0.00630	0.01	U	0.0165
Ethylene oxide	0.0418	0.08		0.0261
Bromomethane	0.00990	0.04	U	0.0101
Chloroethane	0.0104	0.03	U	0.0106
Acetonitrile	0.127	0.21		0.0525
Acrolein	0.171	0.39		0.102
Trichlorofluoromethane	0.246	1.38		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	6.00E-4	0.00	U	0.00873
Dichloromethane	0.0669	0.23	U	0.103
Carbon Disulfide	0.430	1.34		0.0190
Trichlorotrifluoroethane	0.0768	0.59		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	0.00250	0.01	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	0.00160	0.01	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	0.0273	0.13		0.00733
Ethyl tert-Butyl Ether	0.0285	0.12		0.00996
1,2-Dichloroethane	0.0371	0.15		0.00724
1,1,1-Trichloroethane	0.0392	0.21		0.00718
Benzene	0.137	0.44		0.0117
Carbon Tetrachloride	0.0857	0.54		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	8.00E-4	0.01	U	0.00933
Trichloroethylene	1.04	5.60		0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 3101

Lab ID: 2041911-07

Sampled: 04/11/22 15:16

Pressure @ Receipt: 9.0 " Hg

Canister #: 3101

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 01:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0107	0.04		0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	0.00130	0.01	U	0.0108
Toluene	0.142	0.54		0.0592
Dibromochloromethane	5.00E-4	0.00	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	0.00880	0.04		0.00817
Tetrachloroethylene	0.589	4.00		0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	0.0173	0.08		0.00948
m,p-Xylene	0.0553	0.24		0.0192
Bromoform	0.00910	0.09	U	0.0136
Styrene	0.0361	0.15		0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	0.0189	0.08		0.0128
1,3,5-Trimethylbenzene	0.00230	0.01	U	0.0150
1,2,4-Trimethylbenzene	0.00900	0.04	U	0.0129
m-Dichlorobenzene	6.00E-4	0.00	U	0.0158
p-Dichlorobenzene	0.00150	0.01	U	0.0150
o-Dichlorobenzene	6.00E-4	0.00	U	0.0165
1,2,4-Trichlorobenzene	ND	ND	U	0.0686
Hexachloro-1,3-butadiene	ND	ND	U	0.0188



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 3068

Lab ID: 2041911-08

Sampled: 04/11/22 16:22

Pressure @ Receipt: 1.5 " Hg

Canister #: 3068

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 02:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.184	0.20		0.110
Propylene	0.989	1.71		0.130
Dichlorodifluoromethane	0.529	2.62		0.0244
Chloromethane	0.603	1.25		0.0507
Dichlorotetrafluoroethane	0.0180	0.13		0.00699
Vinyl chloride	ND	ND	U	0.00861
1,3-Butadiene	0.00520	0.01	U	0.0165
Ethylene oxide	0.0443	0.08		0.0261
Bromomethane	0.00940	0.04	U	0.0101
Chloroethane	0.00660	0.02	U	0.0106
Acetonitrile	0.124	0.21		0.0525
Acrolein	0.141	0.32		0.102
Trichlorofluoromethane	0.244	1.37		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	0.0651	0.23	U	0.103
Carbon Disulfide	0.0995	0.31		0.0190
Trichlorotrifluoroethane	0.0758	0.58		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	ND	ND	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	0.0197	0.10		0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	0.0237	0.10		0.00724
1,1,1-Trichloroethane	0.00220	0.01	U	0.00718
Benzene	0.480	1.54		0.0117
Carbon Tetrachloride	0.0835	0.53		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	ND	ND	U	0.00933
Trichloroethylene	0.00950	0.05	U	0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 3068

Lab ID: 2041911-08

Sampled: 04/11/22 16:22

Pressure @ Receipt: 1.5 " Hg

Canister #: 3068

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 02:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0142	0.06		0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	ND	ND	U	0.0108
Toluene	0.397	1.50		0.0592
Dibromochloromethane	ND	ND	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	0.0824	0.39		0.00817
Tetrachloroethylene	0.00790	0.05	U	0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	0.0481	0.21		0.00948
m,p-Xylene	0.194	0.84		0.0192
Bromoform	0.00360	0.04	U	0.0136
Styrene	ND	ND	CE, U	0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	0.0591	0.26		0.0128
1,3,5-Trimethylbenzene	0.0119	0.06	U	0.0150
1,2,4-Trimethylbenzene	0.0554	0.27		0.0129
m-Dichlorobenzene	ND	ND	U	0.0158
p-Dichlorobenzene	0.00150	0.01	U	0.0150
o-Dichlorobenzene	ND	ND	U	0.0165
1,2,4-Trichlorobenzene	ND	ND	U	0.0686
Hexachloro-1,3-butadiene	ND	ND	U	0.0188



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 521

Lab ID: 2041911-09

Sampled: 04/12/22 12:49

Pressure @ Receipt: 2.0 " Hg

Canister #: 521

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 03:37

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.177	0.19		0.110
Propylene	1.07	1.85		0.130
Dichlorodifluoromethane	0.533	2.64		0.0244
Chloromethane	0.628	1.30		0.0507
Dichlorotetrafluoroethane	0.0186	0.13		0.00699
Vinyl chloride	ND	ND	U	0.00861
1,3-Butadiene	0.00620	0.01	U	0.0165
Ethylene oxide	0.0528	0.10		0.0261
Bromomethane	0.0170	0.07		0.0101
Chloroethane	ND	ND	U	0.0106
Acetonitrile	0.163	0.27		0.0525
Acrolein	0.416	0.96		0.102
Trichlorofluoromethane	0.247	1.39		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	0.0633	0.22	U	0.103
Carbon Disulfide	0.0810	0.25		0.0190
Trichlorotrifluoroethane	0.0786	0.60		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	0.00140	0.01	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	0.00130	0.01	U	0.0114
Chloroform	ND	ND	U	0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	ND	ND	U	0.00724
1,1,1-Trichloroethane	ND	ND	U	0.00718
Benzene	2.43	7.78		0.0117
Carbon Tetrachloride	0.0745	0.47		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	ND	ND	U	0.00933
Trichloroethylene	0.00530	0.03	U	0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 521

Lab ID: 2041911-09

Sampled: 04/12/22 12:49

Pressure @ Receipt: 2.0 " Hg

Canister #: 521

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 03:37

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0287	0.12		0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	ND	ND	U	0.0108
Toluene	6.92	26.10	D	0.296
Dibromochloromethane	ND	ND	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	7.45	34.90	D	0.0408
Tetrachloroethylene	0.00280	0.02	U	0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	4.24	18.40		0.00948
m,p-Xylene	8.86	38.60		0.0192
Bromoform	0.0103	0.11	U	0.0136
Styrene	ND	ND	CE, U	0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	4.27	18.60		0.0128
1,3,5-Trimethylbenzene	1.67	8.23		0.0150
1,2,4-Trimethylbenzene	4.10	20.20		0.0129
m-Dichlorobenzene	0.0167	0.10		0.0158
p-Dichlorobenzene	0.0257	0.16		0.0150
o-Dichlorobenzene	0.0126	0.08	U	0.0165
1,2,4-Trichlorobenzene	0.0240	0.18	U	0.0686
Hexachloro-1,3-butadiene	8.00E-4	0.01	U	0.0188



CERTIFICATE OF ANALYSIS

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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 4609

Lab ID: 2041911-10

Sampled: 04/13/22 11:11

Pressure @ Receipt: 1.5 " Hg

Canister #: 4609

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 04:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.178	0.19		0.110
Propylene	0.760	1.31		0.130
Dichlorodifluoromethane	0.526	2.61		0.0244
Chloromethane	0.643	1.33		0.0507
Dichlorotetrafluoroethane	0.0180	0.13		0.00699
Vinyl chloride	ND	ND	U	0.00861
1,3-Butadiene	0.00420	0.01	U	0.0165
Ethylene oxide	5.39	9.73	D	0.130
Bromomethane	0.00960	0.04	U	0.0101
Chloroethane	ND	ND	U	0.0106
Acetonitrile	0.232	0.39		0.0525
Acrolein	2.47	5.67		0.102
Trichlorofluoromethane	0.245	1.38		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	0.0602	0.21	U	0.103
Carbon Disulfide	0.136	0.42		0.0190
Trichlorotrifluoroethane	0.0768	0.59		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	ND	ND	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	0.0298	0.15		0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	0.0206	0.08		0.00724
1,1,1-Trichloroethane	0.00210	0.01	U	0.00718
Benzene	0.233	0.75		0.0117
Carbon Tetrachloride	0.0840	0.53		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	0.0203	0.14		0.00933
Trichloroethylene	0.0329	0.18		0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

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OECA

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Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 4609

Lab ID: 2041911-10

Sampled: 04/13/22 11:11

Pressure @ Receipt: 1.5 " Hg

Canister #: 4609

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 04:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0245	0.10		0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	0.0368	0.20		0.0108
Toluene	0.131	0.50		0.0592
Dibromochloromethane	0.0265	0.23		0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	0.0338	0.16		0.00817
Tetrachloroethylene	0.00400	0.03	U	0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	0.0608	0.27		0.00948
m,p-Xylene	0.0663	0.29		0.0192
Bromoform	0.00750	0.08	U	0.0136
Styrene	ND	ND	CE, U	0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	0.0237	0.10		0.0128
1,3,5-Trimethylbenzene	0.00570	0.03	U	0.0150
1,2,4-Trimethylbenzene	ND	ND	CE, U	0.0129
m-Dichlorobenzene	0.00110	0.01	U	0.0158
p-Dichlorobenzene	0.619	3.73		0.0150
o-Dichlorobenzene	0.200	1.20		0.0165
1,2,4-Trichlorobenzene	0.00200	0.01	U	0.0686
Hexachloro-1,3-butadiene	ND	ND	U	0.0188



CERTIFICATE OF ANALYSIS

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Edison, NJ 08837

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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 4605

Lab ID: 2041911-11

Sampled: 04/14/22 13:15

Pressure @ Receipt: 0 psig

Canister #: 4605

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 05:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.244	0.26		0.110
Propylene	6.10	10.50	D	0.707
Dichlorodifluoromethane	0.573	2.84		0.0244
Chloromethane	0.612	1.27		0.0507
Dichlorotetrafluoroethane	0.0200	0.14		0.00699
Vinyl chloride	0.00200	0.01	U	0.00861
1,3-Butadiene	0.0222	0.05		0.0165
Ethylene oxide	0.0689	0.12		0.0261
Bromomethane	0.00950	0.04	U	0.0101
Chloroethane	0.0129	0.03		0.0106
Acetonitrile	0.229	0.39		0.0525
Acrolein	0.248	0.57		0.102
Trichlorofluoromethane	0.273	1.54		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	ND	ND	CE, U	0.103
Carbon Disulfide	0.0279	0.09		0.0190
Trichlorotrifluoroethane	0.0822	0.63		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	ND	ND	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	ND	ND	U	0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	ND	ND	U	0.00724
1,1,1-Trichloroethane	0.00840	0.05		0.00718
Benzene	7.93	25.40	D	0.0637
Carbon Tetrachloride	0.0617	0.39		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	ND	ND	U	0.00933
Trichloroethylene	0.0227	0.12		0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 4605

Lab ID: 2041911-11

Sampled: 04/14/22 13:15

Pressure @ Receipt: 0 psig

Canister #: 4605

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 05:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	ND	ND	U	0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	ND	ND	U	0.0108
Toluene	165	623.00	D	1.61
Dibromochloromethane	ND	ND	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	10.4	48.70	D	0.0445
Tetrachloroethylene	0.0267	0.18		0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	1.88	8.18		0.00948
m,p-Xylene	9.36	40.70		0.0192
Bromoform	0.00130	0.01	U	0.0136
Styrene	ND	ND	CE, U	0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	2.62	11.40		0.0128
1,3,5-Trimethylbenzene	0.919	4.53		0.0150
1,2,4-Trimethylbenzene	2.36	11.60		0.0129
m-Dichlorobenzene	ND	ND	U	0.0158
p-Dichlorobenzene	0.00520	0.03	U	0.0150
o-Dichlorobenzene	0.00160	0.01	U	0.0165
1,2,4-Trichlorobenzene	ND	ND	U	0.0686
Hexachloro-1,3-butadiene	8.00E-4	0.01	U	0.0188



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 10009

Lab ID: 2041911-12

Sampled: 04/15/22 09:20

Pressure @ Receipt: 0 psig

Canister #: 10009

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 06:35

Air Toxics by EPA Compendium Method TO-15

Analyte	Results		Flag	MDL
	ppbv	ug/m ³		ppbv
Acetylene	0.414	0.44		0.110
Propylene	2.53	4.36		0.130
Dichlorodifluoromethane	0.519	2.57		0.0244
Chloromethane	0.595	1.23		0.0507
Dichlorotetrafluoroethane	0.0177	0.12		0.00699
Vinyl chloride	ND	ND	U	0.00861
1,3-Butadiene	0.00500	0.01	U	0.0165
Ethylene oxide	0.0730	0.13		0.0261
Bromomethane	0.00950	0.04	U	0.0101
Chloroethane	0.00990	0.03	U	0.0106
Acetonitrile	0.0957	0.16		0.0525
Acrolein	0.186	0.43		0.102
Trichlorofluoromethane	0.244	1.37		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	0.0710	0.25	U	0.103
Carbon Disulfide	0.0581	0.18		0.0190
Trichlorotrifluoroethane	0.0767	0.59		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	ND	ND	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	ND	ND	CE, U	0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	0.0244	0.10		0.00724
1,1,1-Trichloroethane	0.00150	0.01	U	0.00718
Benzene	2.85	9.12		0.0117
Carbon Tetrachloride	0.0775	0.49		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	ND	ND	U	0.00933
Trichloroethylene	0.00510	0.03	U	0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773
Methyl Isobutyl Ketone	ND	ND	U	0.00752

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 10009

Lab ID: 2041911-12

Sampled: 04/15/22 09:20

Pressure @ Receipt: 0 psig

Canister #: 10009

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 06:35

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	ND	ND	U	0.0108
Toluene	6.69	25.30	D	0.118
Dibromochloromethane	ND	ND	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	1.82	8.52		0.00817
Tetrachloroethylene	0.00480	0.03	U	0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	0.615	2.68		0.00948
m,p-Xylene	2.14	9.31		0.0192
Bromoform	0.00230	0.02	U	0.0136
Styrene	ND	ND	CE, U	0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	0.725	3.15		0.0128
1,3,5-Trimethylbenzene	0.138	0.68		0.0150
1,2,4-Trimethylbenzene	0.429	2.11		0.0129
m-Dichlorobenzene	ND	ND	U	0.0158
p-Dichlorobenzene	0.00300	0.02	U	0.0150
o-Dichlorobenzene	ND	ND	U	0.0165
1,2,4-Trichlorobenzene	0.00600	0.04	U	0.0686
Hexachloro-1,3-butadiene	3.00E-4	0.00	U	0.0188



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 9490

Lab ID: 2041911-13

Sampled: 04/15/22 10:25

Pressure @ Receipt: 0 psig

Canister #: 9490

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 07:35

Air Toxics by EPA Compendium Method TO-15

Analyte	Results		Flag	MDL
	ppbv	ug/m ³		ppbv
Acetylene	0.353	0.38		0.110
Propylene	0.907	1.56		0.130
Dichlorodifluoromethane	0.575	2.85		0.0244
Chloromethane	0.649	1.34		0.0507
Dichlorotetrafluoroethane	0.0198	0.14		0.00699
Vinyl chloride	ND	ND	U	0.00861
1,3-Butadiene	0.0310	0.07		0.0165
Ethylene oxide	0.0620	0.11		0.0261
Bromomethane	0.0112	0.04		0.0101
Chloroethane	0.0186	0.05		0.0106
Acetonitrile	ND	ND	U	0.0525
Acrolein	0.230	0.53		0.102
Trichlorofluoromethane	0.271	1.53		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	ND	ND	CE, U	0.103
Carbon Disulfide	0.0509	0.16		0.0190
Trichlorotrifluoroethane	0.0792	0.61		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	ND	ND	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	ND	ND	U	0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	ND	ND	U	0.00724
1,1,1-Trichloroethane	ND	ND	U	0.00718
Benzene	11.3	36.20	D	0.0585
Carbon Tetrachloride	0.0618	0.39		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	ND	ND	U	0.00933
Trichloroethylene	ND	ND	U	0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 9490

Lab ID: 2041911-13

Sampled: 04/15/22 10:25

Pressure @ Receipt: 0 psig

Canister #: 9490

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 07:35

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	ND	ND	U	0.00752
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	ND	ND	U	0.0108
Toluene	32.3	122.00	D	0.296
Dibromochloromethane	ND	ND	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	4.24	19.80		0.00817
Tetrachloroethylene	0.00670	0.05	U	0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	4.62	20.10		0.00948
m,p-Xylene	11.2	48.70	D	0.160
Bromoform	0.00240	0.02	U	0.0136
Styrene	ND	ND	CE, U	0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	4.15	18.10	D	0.0770
1,3,5-Trimethylbenzene	0.910	4.48		0.0150
1,2,4-Trimethylbenzene	3.14	15.50		0.0129
m-Dichlorobenzene	ND	ND	U	0.0158
p-Dichlorobenzene	0.00310	0.02	U	0.0150
o-Dichlorobenzene	ND	ND	U	0.0165
1,2,4-Trichlorobenzene	0.00540	0.04	U	0.0686
Hexachloro-1,3-butadiene	ND	ND	U	0.0188



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 10007

Lab ID: 2041911-14

Sampled: 04/15/22 14:15

Pressure @ Receipt: 0 psig

Canister #: 10007

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 08:34

Air Toxics by EPA Compendium Method TO-15

Analyte	Results		Flag	MDL
	ppbv	ug/m ³		ppbv
Acetylene	0.236	0.25		0.110
Propylene	1.24	2.14		0.130
Dichlorodifluoromethane	0.527	2.61		0.0244
Chloromethane	0.556	1.15		0.0507
Dichlorotetrafluoroethane	0.0188	0.13		0.00699
Vinyl chloride	ND	ND	U	0.00861
1,3-Butadiene	0.00480	0.01	U	0.0165
Ethylene oxide	0.0600	0.11		0.0261
Bromomethane	0.0100	0.04	U	0.0101
Chloroethane	0.0133	0.04		0.0106
Acetonitrile	0.159	0.27		0.0525
Acrolein	0.171	0.39		0.102
Trichlorofluoromethane	0.249	1.40		0.0138
Acrylonitrile	ND	ND	U	0.0171
1,1-Dichloroethene	ND	ND	U	0.00873
Dichloromethane	ND	ND	CE, U	0.103
Carbon Disulfide	0.0127	0.04	U	0.0190
Trichlorotrifluoroethane	0.0780	0.60		0.0119
trans-1,2-Dichloroethylene	ND	ND	U	0.00708
1,1-Dichloroethane	ND	ND	U	0.00710
Methyl tert-Butyl Ether	ND	ND	U	0.00920
Chloroprene	ND	ND	U	0.0171
cis-1,2-Dichloroethylene	ND	ND	U	0.0171
Bromochloromethane	ND	ND	U	0.0114
Chloroform	0.0247	0.12		0.00733
Ethyl tert-Butyl Ether	ND	ND	U	0.00996
1,2-Dichloroethane	ND	ND	U	0.00724
1,1,1-Trichloroethane	ND	ND	U	0.00718
Benzene	3.64	11.70		0.0117
Carbon Tetrachloride	0.0757	0.48		0.0111
tert-Amyl Methyl Ether	ND	ND	U	0.0144
1,2-Dichloropropane	ND	ND	U	0.00848
Ethyl Acrylate	ND	ND	U	0.0129
Bromodichloromethane	ND	ND	U	0.00933
Trichloroethylene	ND	ND	U	0.0146
Methyl Methacrylate	ND	ND	U	0.0347
cis-1,3-Dichloropropene	ND	ND	U	0.00773
Methyl Isobutyl Ketone	ND	ND	U	0.00752

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC 10007

Lab ID: 2041911-14

Sampled: 04/15/22 14:15

Pressure @ Receipt: 0 psig

Canister #: 10007

Received: 04/19/22 11:55

Comments:

Analyzed: 04/26/22 08:34

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
trans-1,3-Dichloropropene	ND	ND	U	0.0159
1,1,2-Trichloroethane	ND	ND	U	0.0108
Toluene	10.9	41.20	D	0.296
Dibromochloromethane	ND	ND	U	0.0143
1,2-Dibromoethane	ND	ND	U	0.0154
n-Octane	3.28	15.40		0.00817
Tetrachloroethylene	0.00750	0.05	U	0.0184
Chlorobenzene	ND	ND	U	0.0132
Ethylbenzene	0.976	4.25		0.00948
m,p-Xylene	4.13	18.00		0.0192
Bromoform	9.00E-4	0.01	U	0.0136
Styrene	ND	ND	CE, U	0.0164
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0158
o-Xylene	1.29	5.61		0.0128
1,3,5-Trimethylbenzene	0.371	1.83		0.0150
1,2,4-Trimethylbenzene	0.829	4.08		0.0129
m-Dichlorobenzene	ND	ND	U	0.0158
p-Dichlorobenzene	0.00220	0.01	U	0.0150
o-Dichlorobenzene	ND	ND	U	0.0165
1,2,4-Trichlorobenzene	0.00270	0.02	U	0.0686
Hexachloro-1,3-butadiene	4.00E-4	0.00	U	0.0188



CERTIFICATE OF ANALYSIS

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Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 3119

Lab ID: 2042626-01

Sampled: 04/23/22 14:49

Pressure @ Receipt: 2.0" Hg

Canister #: 3119

Received: 04/26/22 11:15

Comments: Field Blank

Analyzed: 04/28/22 16:33

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.161	0.17		0.110
Propylene	0.263	0.45		0.0345
Dichlorodifluoromethane	0.527	2.61		0.0136
Chloromethane	0.528	1.09		0.0285
Dichlorotetrafluoroethane	0.0183	0.13		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	0.00770	0.02	U	0.0207
Ethylene oxide	0.0425	0.08	U	0.0480
Bromomethane	0.00860	0.03	U	0.0205
Chloroethane	0.0104	0.03	U	0.0164
Acetonitrile	0.0988	0.17	U	0.138
Acrolein	0.189	0.43		0.177
Trichlorofluoromethane	0.248	1.40		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.0722	0.25	U	0.198
Carbon Disulfide	1.03	3.21		0.0142
Trichlorotrifluoroethane	0.0826	0.63		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	ND	ND	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	0.488	1.77		0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.0218	0.11		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0209	0.08		0.00711
1,1,1-Trichloroethane	0.00160	0.01	U	0.0119
Benzene	0.106	0.34		0.0103
Carbon Tetrachloride	0.0857	0.54		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.00480	0.03	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699
Methyl Isobutyl Ketone	0.00790	0.03	U	0.0308

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 3119

Lab ID: 2042626-01

Sampled: 04/23/22 14:49

Pressure @ Receipt: 2.0" Hg

Canister #: 3119

Received: 04/26/22 11:15

Comments: Field Blank

Analyzed: 04/28/22 16:33

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	0.612	2.31		0.0393
Dibromochloromethane	5.00E-4	0.00	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.117	0.55		0.0144
Tetrachloroethylene	0.00470	0.03	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.0514	0.22		0.0112
m,p-Xylene	0.145	0.63		0.0320
Bromoform	0.00270	0.03	U	0.0109
Styrene	ND	ND	CE, U	0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.0681	0.30		0.0154
1,3,5-Trimethylbenzene	0.0214	0.11		0.0148
1,2,4-Trimethylbenzene	0.0688	0.34		0.0114
m-Dichlorobenzene	0.00320	0.02	U	0.0162
p-Dichlorobenzene	0.00510	0.03	U	0.0169
o-Dichlorobenzene	0.00680	0.04	U	0.0187
1,2,4-Trichlorobenzene	0.0153	0.11	U	0.0623
Hexachloro-1,3-butadiene	0.0156	0.17	U	0.0736



CERTIFICATE OF ANALYSIS

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2890 Woodbridge Avenue

Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10023

Lab ID: 2042626-02

Sampled: 04/23/22 15:16

Pressure @ Receipt: 0" Hg

Canister #: 10023

Received: 04/26/22 11:15

Comments: Field Blank

Analyzed: 04/28/22 17:32

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.150	0.16		0.110
Propylene	0.248	0.43		0.0345
Dichlorodifluoromethane	0.540	2.68		0.0136
Chloromethane	0.559	1.16		0.0285
Dichlorotetrafluoroethane	0.0186	0.13		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	ND	ND	U	0.0207
Ethylene oxide	0.0526	0.10		0.0480
Bromomethane	0.00970	0.04	U	0.0205
Chloroethane	0.00880	0.02	U	0.0164
Acetonitrile	0.0933	0.16	U	0.138
Acrolein	0.169	0.39	U	0.177
Trichlorofluoromethane	0.254	1.43		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.0728	0.25	U	0.198
Carbon Disulfide	0.0320	0.10		0.0142
Trichlorotrifluoroethane	0.0842	0.65		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	0.00150	0.01	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	ND	ND	U	0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.0238	0.12		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0220	0.09		0.00711
1,1,1-Trichloroethane	0.00180	0.01	U	0.0119
Benzene	0.137	0.44		0.0103
Carbon Tetrachloride	0.0890	0.56		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.00450	0.02	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699
Methyl Isobutyl Ketone	0.0177	0.07	U	0.0308

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10023

Lab ID: 2042626-02

Sampled: 04/23/22 15:16

Pressure @ Receipt: 0" Hg

Canister #: 10023

Received: 04/26/22 11:15

Comments: Field Blank

Analyzed: 04/28/22 17:32

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	0.271	1.02		0.0393
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.0375	0.18		0.0144
Tetrachloroethylene	0.00380	0.03	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.0815	0.36		0.0112
m,p-Xylene	0.288	1.25		0.0320
Bromoform	0.00270	0.03	U	0.0109
Styrene	ND	ND	CE, U	0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.126	0.55		0.0154
1,3,5-Trimethylbenzene	0.0369	0.18		0.0148
1,2,4-Trimethylbenzene	0.146	0.72		0.0114
m-Dichlorobenzene	8.00E-4	0.00	U	0.0162
p-Dichlorobenzene	0.00210	0.01	U	0.0169
o-Dichlorobenzene	0.00160	0.01	U	0.0187
1,2,4-Trichlorobenzene	0.0132	0.10	U	0.0623
Hexachloro-1,3-butadiene	0.00520	0.06	U	0.0736



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 3066

Lab ID: 2042626-03

Sampled: 04/16/22 11:36

Pressure @ Receipt: 1.5" Hg

Canister #: 3066

Received: 04/26/22 11:15

Comments:

Analyzed: 04/28/22 18:32

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.0737	0.08	U	0.110
Propylene	0.245	0.42		0.0345
Dichlorodifluoromethane	0.528	2.62		0.0136
Chloromethane	0.564	1.17		0.0285
Dichlorotetrafluoroethane	0.0180	0.13		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	0.00600	0.01	U	0.0207
Ethylene oxide	5.13	9.26		0.0480
Bromomethane	0.00900	0.04	U	0.0205
Chloroethane	0.00510	0.01	U	0.0164
Acetonitrile	0.129	0.22	U	0.138
Acrolein	0.139	0.32	U	0.177
Trichlorofluoromethane	0.249	1.40		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.0489	0.17	U	0.198
Carbon Disulfide	0.0238	0.07		0.0142
Trichlorotrifluoroethane	0.0825	0.63		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	ND	ND	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	ND	ND	U	0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.0156	0.08		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0123	0.05		0.00711
1,1,1-Trichloroethane	0.00180	0.01	U	0.0119
Benzene	0.159	0.51		0.0103
Carbon Tetrachloride	0.0849	0.54		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.00430	0.02	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699
Methyl Isobutyl Ketone	2.26	9.28		0.0308

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 3066

Lab ID: 2042626-03

Sampled: 04/16/22 11:36

Pressure @ Receipt: 1.5" Hg

Canister #: 3066

Received: 04/26/22 11:15

Comments:

Analyzed: 04/28/22 18:32

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	0.0838	0.32		0.0393
Dibromochloromethane	4.00E-4	0.00	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.0301	0.14		0.0144
Tetrachloroethylene	0.00210	0.01	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.0161	0.07		0.0112
m,p-Xylene	0.0543	0.24		0.0320
Bromoform	0.00440	0.05	U	0.0109
Styrene	ND	ND	CE, U	0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.0220	0.10		0.0154
1,3,5-Trimethylbenzene	ND	ND	U	0.0148
1,2,4-Trimethylbenzene	0.0207	0.10		0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	0.00360	0.02	U	0.0169
o-Dichlorobenzene	ND	ND	U	0.0187
1,2,4-Trichlorobenzene	ND	ND	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



CERTIFICATE OF ANALYSIS

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Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 527

Lab ID: 2042626-04

Sampled: 04/18/22 16:30

Pressure @ Receipt: 0" Hg

Canister #: 527

Received: 04/26/22 11:15

Comments:

Analyzed: 04/28/22 20:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.292	0.31		0.110
Propylene	0.784	1.35		0.0345
Dichlorodifluoromethane	0.536	2.66		0.0136
Chloromethane	0.555	1.15		0.0285
Dichlorotetrafluoroethane	0.0185	0.13		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	0.00520	0.01	U	0.0207
Ethylene oxide	0.0639	0.12		0.0480
Bromomethane	0.00840	0.03	U	0.0205
Chloroethane	ND	ND	U	0.0164
Acetonitrile	0.178	0.30		0.138
Acrolein	0.149	0.34	U	0.177
Trichlorofluoromethane	0.250	1.41		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.104	0.36	U	0.198
Carbon Disulfide	0.00970	0.03	U	0.0142
Trichlorotrifluoroethane	0.0828	0.64		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	0.00140	0.01	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	ND	ND	U	0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.0214	0.11		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0242	0.10		0.00711
1,1,1-Trichloroethane	0.00180	0.01	U	0.0119
Benzene	7.97	25.50	D	0.0258
Carbon Tetrachloride	0.0887	0.56		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.00890	0.05	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699
Methyl Isobutyl Ketone	0.0109	0.04	U	0.0308

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CERTIFICATE OF ANALYSIS

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Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 527

Lab ID: 2042626-04

Sampled: 04/18/22 16:30

Pressure @ Receipt: 0" Hg

Canister #: 527

Received: 04/26/22 11:15

Comments:

Analyzed: 04/28/22 20:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	1.11	4.19		0.0393
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.0718	0.34		0.0144
Tetrachloroethylene	0.00420	0.03	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.0382	0.17		0.0112
m,p-Xylene	0.295	1.28		0.0320
Bromoform	0.00140	0.01	U	0.0109
Styrene	1.84	7.85		0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.0623	0.27		0.0154
1,3,5-Trimethylbenzene	0.00880	0.04	U	0.0148
1,2,4-Trimethylbenzene	ND	ND	CE, U	0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	0.00100	0.01	U	0.0169
o-Dichlorobenzene	ND	ND	U	0.0187
1,2,4-Trichlorobenzene	ND	ND	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



CERTIFICATE OF ANALYSIS

OECA

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ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10018

Lab ID: 2042626-05

Sampled: 04/19/22 12:59

Pressure @ Receipt: 0" Hg

Canister #: 10018

Received: 04/26/22 11:15

Comments:

Analyzed: 04/28/22 21:30

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.252	0.27		0.110
Propylene	0.293	0.51		0.0345
Dichlorodifluoromethane	0.541	2.68		0.0136
Chloromethane	0.525	1.09		0.0285
Dichlorotetrafluoroethane	0.0189	0.13		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	ND	ND	U	0.0207
Ethylene oxide	10.4	18.80	D	0.240
Bromomethane	0.00920	0.04	U	0.0205
Chloroethane	0.00700	0.02	U	0.0164
Acetonitrile	0.112	0.19	U	0.138
Acrolein	0.115	0.26	U	0.177
Trichlorofluoromethane	0.252	1.42		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.114	0.40	U	0.198
Carbon Disulfide	0.0169	0.05		0.0142
Trichlorotrifluoroethane	0.0837	0.64		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	0.00170	0.01	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	ND	ND	U	0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.0301	0.15		0.00761
Ethyl tert-Butyl Ether	0.00430	0.02	U	0.00679
1,2-Dichloroethane	0.0227	0.09		0.00711
1,1,1-Trichloroethane	0.00180	0.01	U	0.0119
Benzene	0.112	0.36		0.0103
Carbon Tetrachloride	0.0906	0.57		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.00500	0.03	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699
Methyl Isobutyl Ketone	0.00670	0.03	U	0.0308

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CERTIFICATE OF ANALYSIS

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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10018

Lab ID: 2042626-05

Sampled: 04/19/22 12:59

Pressure @ Receipt: 0" Hg

Canister #: 10018

Received: 04/26/22 11:15

Comments:

Analyzed: 04/28/22 21:30

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	0.115	0.43		0.0393
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.0159	0.07		0.0144
Tetrachloroethylene	0.0144	0.10	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.0120	0.05		0.0112
m,p-Xylene	0.0363	0.16		0.0320
Bromoform	0.00140	0.01	U	0.0109
Styrene	ND	ND	CE, U	0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.0205	0.09		0.0154
1,3,5-Trimethylbenzene	ND	ND	U	0.0148
1,2,4-Trimethylbenzene	0.0200	0.10		0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	0.00140	0.01	U	0.0169
o-Dichlorobenzene	ND	ND	U	0.0187
1,2,4-Trichlorobenzene	0.00250	0.02	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 00278

Lab ID: 2042626-06

Sampled: 04/19/22 12:19

Pressure @ Receipt: 0" Hg

Canister #: 00278

Received: 04/26/22 11:15

Comments:

Analyzed: 04/28/22 22:29

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.263	0.28		0.110
Propylene	0.488	0.84		0.0345
Dichlorodifluoromethane	0.533	2.64		0.0136
Chloromethane	0.511	1.06		0.0285
Dichlorotetrafluoroethane	0.0184	0.13		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	ND	ND	U	0.0207
Ethylene oxide	19.0	34.30	D	0.240
Bromomethane	0.00810	0.03	U	0.0205
Chloroethane	ND	ND	U	0.0164
Acetonitrile	0.182	0.31		0.138
Acrolein	1.94	4.46		0.177
Trichlorofluoromethane	0.248	1.40		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.110	0.38	U	0.198
Carbon Disulfide	0.0267	0.08		0.0142
Trichlorotrifluoroethane	0.0817	0.63		0.00910
trans-1,2-Dichloroethylene	0.00100	0.00	U	0.00866
1,1-Dichloroethane	0.00150	0.01	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	ND	ND	U	0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.0314	0.15		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0222	0.09		0.00711
1,1,1-Trichloroethane	0.00170	0.01	U	0.0119
Benzene	0.266	0.85		0.0103
Carbon Tetrachloride	0.0884	0.56		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.00520	0.03	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 00278

Lab ID: 2042626-06

Sampled: 04/19/22 12:19

Pressure @ Receipt: 0" Hg

Canister #: 00278

Received: 04/26/22 11:15

Comments:

Analyzed: 04/28/22 22:29

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0202	0.08	U	0.0308
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	0.140	0.53		0.0393
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	ND	ND	U	0.0144
Tetrachloroethylene	0.0165	0.11	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.0295	0.13		0.0112
m,p-Xylene	0.0744	0.32		0.0320
Bromoform	0.00110	0.01	U	0.0109
Styrene	ND	ND	CE, U	0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.0298	0.13		0.0154
1,3,5-Trimethylbenzene	0.00460	0.02	U	0.0148
1,2,4-Trimethylbenzene	ND	ND	CE, U	0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	0.00160	0.01	U	0.0169
o-Dichlorobenzene	ND	ND	U	0.0187
1,2,4-Trichlorobenzene	ND	ND	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 4606

Lab ID: 2042626-07

Sampled: 04/18/22 10:59

Pressure @ Receipt: 2.5" Hg

Canister #: 4606

Received: 04/26/22 11:15

Comments:

Analyzed: 04/28/22 23:29

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.243	0.26		0.110
Propylene	0.707	1.22		0.0345
Dichlorodifluoromethane	0.538	2.67		0.0136
Chloromethane	0.577	1.19		0.0285
Dichlorotetrafluoroethane	0.0181	0.13		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	ND	ND	U	0.0207
Ethylene oxide	1.59	2.87		0.0480
Bromomethane	0.00900	0.04	U	0.0205
Chloroethane	0.00630	0.02	U	0.0164
Acetonitrile	0.240	0.40		0.138
Acrolein	0.446	1.02		0.177
Trichlorofluoromethane	0.250	1.41		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.0671	0.23	U	0.198
Carbon Disulfide	0.0199	0.06		0.0142
Trichlorotrifluoroethane	0.0829	0.64		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	0.00140	0.01	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	ND	ND	U	0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	6.00E-4	0.00	U	0.00757
Chloroform	0.0231	0.11		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0213	0.09		0.00711
1,1,1-Trichloroethane	0.00190	0.01	U	0.0119
Benzene	0.132	0.42		0.0103
Carbon Tetrachloride	0.0862	0.54		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.00480	0.03	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699

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OECA

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Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 4606

Lab ID: 2042626-07

Sampled: 04/18/22 10:59

Pressure @ Receipt: 2.5" Hg

Canister #: 4606

Received: 04/26/22 11:15

Comments:

Analyzed: 04/28/22 23:29

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.729	2.99		0.0308
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	0.0594	0.22		0.0393
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	ND	ND	U	0.0144
Tetrachloroethylene	0.00640	0.04	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.0116	0.05		0.0112
m,p-Xylene	0.0395	0.17		0.0320
Bromoform	0.00160	0.02	U	0.0109
Styrene	ND	ND	CE, U	0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.0153	0.07	U	0.0154
1,3,5-Trimethylbenzene	0.00230	0.01	U	0.0148
1,2,4-Trimethylbenzene	0.00810	0.04	U	0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	0.00220	0.01	U	0.0169
o-Dichlorobenzene	ND	ND	U	0.0187
1,2,4-Trichlorobenzene	ND	ND	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 535

Lab ID: 2042626-08

Sampled: 04/18/22 16:46

Pressure @ Receipt: 0" Hg

Canister #: 535

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 00:28

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.259	0.28		0.110
Propylene	0.466	0.80		0.0345
Dichlorodifluoromethane	0.533	2.64		0.0136
Chloromethane	0.538	1.11		0.0285
Dichlorotetrafluoroethane	0.0181	0.13		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	0.00400	0.01	U	0.0207
Ethylene oxide	0.0611	0.11		0.0480
Bromomethane	0.00850	0.03	U	0.0205
Chloroethane	ND	ND	U	0.0164
Acetonitrile	0.141	0.24		0.138
Acrolein	0.137	0.32	U	0.177
Trichlorofluoromethane	0.248	1.40		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.105	0.37	U	0.198
Carbon Disulfide	0.0147	0.05		0.0142
Trichlorotrifluoroethane	0.0821	0.63		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	0.00130	0.01	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	ND	ND	U	0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.0208	0.10		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0262	0.11		0.00711
1,1,1-Trichloroethane	0.00170	0.01	U	0.0119
Benzene	26.3	84.20	D	0.0515
Carbon Tetrachloride	0.0882	0.56		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.0167	0.09		0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 535

Lab ID: 2042626-08

Sampled: 04/18/22 16:46

Pressure @ Receipt: 0" Hg

Canister #: 535

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 00:28

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.00920	0.04	U	0.0308
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	0.112	0.42		0.0393
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.0132	0.06	U	0.0144
Tetrachloroethylene	0.00400	0.03	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.820	3.57		0.0112
m,p-Xylene	0.0423	0.18		0.0320
Bromoform	0.00120	0.01	U	0.0109
Styrene	4.06	17.30		0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	ND	ND	U	0.0154
1,3,5-Trimethylbenzene	0.00280	0.01	U	0.0148
1,2,4-Trimethylbenzene	ND	ND	CE, U	0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	0.00120	0.01	U	0.0169
o-Dichlorobenzene	ND	ND	U	0.0187
1,2,4-Trichlorobenzene	ND	ND	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 519

Lab ID: 2042626-09

Sampled: 04/22/22 17:10

Pressure @ Receipt: 0" Hg

Canister #: 519

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 01:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.564	0.60		0.110
Propylene	0.271	0.47		0.0345
Dichlorodifluoromethane	0.554	2.75		0.0136
Chloromethane	0.552	1.14		0.0285
Dichlorotetrafluoroethane	0.0199	0.14		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	ND	ND	U	0.0207
Ethylene oxide	ND	ND	U	0.0480
Bromomethane	0.00990	0.04	U	0.0205
Chloroethane	0.00980	0.03	U	0.0164
Acetonitrile	0.104	0.18	U	0.138
Acrolein	0.283	0.65		0.177
Trichlorofluoromethane	0.262	1.48		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.156	0.54	U	0.198
Carbon Disulfide	0.0836	0.26		0.0142
Trichlorotrifluoroethane	0.0821	0.63		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	ND	ND	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	25.4	92.20	D	0.573
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.0231	0.11		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0222	0.09		0.00711
1,1,1-Trichloroethane	0.00150	0.01	U	0.0119
Benzene	0.205	0.66		0.0103
Carbon Tetrachloride	0.0754	0.48		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.00590	0.03	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699
Methyl Isobutyl Ketone	0.00850	0.03	U	0.0308

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CERTIFICATE OF ANALYSIS

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2890 Woodbridge Avenue

Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 519

Lab ID: 2042626-09

Sampled: 04/22/22 17:10

Pressure @ Receipt: 0" Hg

Canister #: 519

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 01:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	0.00580	0.03	U	0.00943
Toluene	76.5	289.00	D	1.06
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	2.41	11.30		0.0144
Tetrachloroethylene	0.0927	0.63		0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.0416	0.18		0.0112
m,p-Xylene	0.112	0.49		0.0320
Bromoform	0.00320	0.03	U	0.0109
Styrene	0.0343	0.15		0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.0538	0.23		0.0154
1,3,5-Trimethylbenzene	ND	ND	U	0.0148
1,2,4-Trimethylbenzene	ND	ND	CE, U	0.0114
m-Dichlorobenzene	0.00490	0.03	U	0.0162
p-Dichlorobenzene	0.00800	0.05	U	0.0169
o-Dichlorobenzene	0.0798	0.48		0.0187
1,2,4-Trichlorobenzene	0.0107	0.08	U	0.0623
Hexachloro-1,3-butadiene	0.0102	0.11	U	0.0736



CERTIFICATE OF ANALYSIS

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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10008

Lab ID: 2042626-10

Sampled: 04/22/22 15:00

Pressure @ Receipt: 0" Hg

Canister #: 10008

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 02:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.243	0.26		0.110
Propylene	1.10	1.90		0.0345
Dichlorodifluoromethane	0.559	2.77		0.0136
Chloromethane	0.631	1.31		0.0285
Dichlorotetrafluoroethane	0.0189	0.13		0.00827
Vinyl chloride	0.00380	0.01	U	0.00787
1,3-Butadiene	0.0694	0.15		0.0207
Ethylene oxide	0.0795	0.14		0.0480
Bromomethane	0.0109	0.04	U	0.0205
Chloroethane	0.0379	0.10		0.0164
Acetonitrile	0.227	0.38		0.138
Acrolein	0.418	0.96		0.177
Trichlorofluoromethane	0.262	1.48		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	0.00540	0.02	U	0.0115
Dichloromethane	0.165	0.57	U	0.198
Carbon Disulfide	21.1	65.80	D	0.379
Trichlorotrifluoroethane	0.0848	0.65		0.00910
trans-1,2-Dichloroethylene	0.00110	0.00	U	0.00866
1,1-Dichloroethane	ND	ND	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	56.2	204.00	D	0.569
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.139	0.68		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0271	0.11		0.00711
1,1,1-Trichloroethane	0.00170	0.01	U	0.0119
Benzene	2.43	7.78		0.0103
Carbon Tetrachloride	0.0792	0.50		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	0.00540	0.04	U	0.0254
Trichloroethylene	0.00630	0.03	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10008

Lab ID: 2042626-10

Sampled: 04/22/22 15:00

Pressure @ Receipt: 0" Hg

Canister #: 10008

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 02:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0288	0.12	U	0.0308
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	11.5	43.40	D	1.05
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.746	3.49		0.0144
Tetrachloroethylene	0.0376	0.26		0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.770	3.35		0.0112
m,p-Xylene	0.422	1.84		0.0320
Bromoform	0.00500	0.05	U	0.0109
Styrene	0.558	2.38		0.0118
1,1,2,2-Tetrachloroethane	0.0263	0.18		0.00946
o-Xylene	0.210	0.91		0.0154
1,3,5-Trimethylbenzene	0.0785	0.39		0.0148
1,2,4-Trimethylbenzene	0.234	1.15		0.0114
m-Dichlorobenzene	0.0173	0.10		0.0162
p-Dichlorobenzene	0.0212	0.13		0.0169
o-Dichlorobenzene	0.0591	0.36		0.0187
1,2,4-Trichlorobenzene	0.112	0.83		0.0623
Hexachloro-1,3-butadiene	0.0882	0.94		0.0736



CERTIFICATE OF ANALYSIS

OECA

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Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 4602

Lab ID: 2042626-11

Sampled: 04/20/22 10:16

Pressure @ Receipt: 0" Hg

Canister #: 4602

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 03:26

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	4.44	4.74		0.110
Propylene	86.7	150.00	D	0.922
Dichlorodifluoromethane	0.543	2.69		0.0136
Chloromethane	0.586	1.21		0.0285
Dichlorotetrafluoroethane	0.0188	0.13		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	2.06	4.57		0.0207
Ethylene oxide	0.224	0.40		0.0480
Bromomethane	0.00990	0.04	U	0.0205
Chloroethane	0.00750	0.02	U	0.0164
Acetonitrile	0.107	0.18	U	0.138
Acrolein	0.509	1.17		0.177
Trichlorofluoromethane	0.253	1.42		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.0760	0.27	U	0.198
Carbon Disulfide	0.0335	0.11		0.0142
Trichlorotrifluoroethane	0.0832	0.64		0.00910
trans-1,2-Dichloroethylene	0.0182	0.07		0.00866
1,1-Dichloroethane	0.00180	0.01	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	0.0300	0.11		0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.0426	0.21		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0246	0.10		0.00711
1,1,1-Trichloroethane	0.00190	0.01	U	0.0119
Benzene	2.04	6.53		0.0103
Carbon Tetrachloride	0.0891	0.56		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	0.00410	0.03	U	0.0254
Trichloroethylene	0.00760	0.04	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 4602

Lab ID: 2042626-11

Sampled: 04/20/22 10:16

Pressure @ Receipt: 0" Hg

Canister #: 4602

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 03:26

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0169	0.07	U	0.0308
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	0.238	0.90		0.0393
Dibromochloromethane	0.00400	0.03	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.0123	0.06	U	0.0144
Tetrachloroethylene	0.0670	0.46		0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.0270	0.12		0.0112
m,p-Xylene	0.0633	0.28		0.0320
Bromoform	0.0314	0.33		0.0109
Styrene	0.0433	0.19		0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.0237	0.10		0.0154
1,3,5-Trimethylbenzene	0.00320	0.02	U	0.0148
1,2,4-Trimethylbenzene	0.00940	0.05	U	0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	0.00130	0.01	U	0.0169
o-Dichlorobenzene	ND	ND	U	0.0187
1,2,4-Trichlorobenzene	ND	ND	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 00118

Lab ID: 2042626-12

Sampled: 04/19/22 15:30

Pressure @ Receipt: 0" Hg

Canister #: 00118

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 04:25

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.253	0.27		0.110
Propylene	0.412	0.71		0.0345
Dichlorodifluoromethane	0.541	2.68		0.0136
Chloromethane	0.524	1.08		0.0285
Dichlorotetrafluoroethane	0.0182	0.13		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	0.00270	0.01	U	0.0207
Ethylene oxide	8.62	15.60	D	0.120
Bromomethane	0.00830	0.03	U	0.0205
Chloroethane	0.00570	0.02	U	0.0164
Acetonitrile	0.290	0.49		0.138
Acrolein	0.412	0.95		0.177
Trichlorofluoromethane	0.253	1.42		0.0235
Acrylonitrile	0.130	0.28		0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.109	0.38	U	0.198
Carbon Disulfide	0.0910	0.28		0.0142
Trichlorotrifluoroethane	0.0810	0.62		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	ND	ND	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	ND	ND	U	0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.180	0.88		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0221	0.09		0.00711
1,1,1-Trichloroethane	0.00160	0.01	U	0.0119
Benzene	0.149	0.48		0.0103
Carbon Tetrachloride	0.0826	0.52		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	0.00290	0.02	U	0.0254
Trichloroethylene	0.00520	0.03	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

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Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 00118

Lab ID: 2042626-12

Sampled: 04/19/22 15:30

Pressure @ Receipt: 0" Hg

Canister #: 00118

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 04:25

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.00810	0.03	U	0.0308
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	0.156	0.59		0.0393
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.0290	0.14		0.0144
Tetrachloroethylene	0.00840	0.06	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.0255	0.11		0.0112
m,p-Xylene	0.0499	0.22		0.0320
Bromoform	9.00E-4	0.01	U	0.0109
Styrene	0.0253	0.11		0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.0200	0.09		0.0154
1,3,5-Trimethylbenzene	0.00280	0.01	U	0.0148
1,2,4-Trimethylbenzene	ND	ND	CE, U	0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	0.00140	0.01	U	0.0169
o-Dichlorobenzene	ND	ND	U	0.0187
1,2,4-Trichlorobenzene	ND	ND	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



CERTIFICATE OF ANALYSIS

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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 11675

Lab ID: 2042626-13

Sampled: 04/22/22 17:17

Pressure @ Receipt: 0" Hg

Canister #: 11675

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 05:25

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.302	0.32		0.110
Propylene	0.332	0.57		0.0345
Dichlorodifluoromethane	0.531	2.63		0.0136
Chloromethane	0.537	1.11		0.0285
Dichlorotetrafluoroethane	0.0189	0.13		0.00827
Vinyl chloride	0.00280	0.01	U	0.00787
1,3-Butadiene	0.0267	0.06		0.0207
Ethylene oxide	0.0600	0.11		0.0480
Bromomethane	0.0107	0.04	U	0.0205
Chloroethane	0.00780	0.02	U	0.0164
Acetonitrile	0.134	0.23	U	0.138
Acrolein	0.145	0.33	U	0.177
Trichlorofluoromethane	0.250	1.41		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	0.00930	0.04	U	0.0115
Dichloromethane	0.136	0.47	U	0.198
Carbon Disulfide	88.0	275.00	D	0.379
Trichlorotrifluoroethane	0.0800	0.61		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	ND	ND	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	86.3	313.00	D	0.569
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.110	0.54		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0229	0.09		0.00711
1,1,1-Trichloroethane	0.00150	0.01	U	0.0119
Benzene	0.144	0.46		0.0103
Carbon Tetrachloride	0.0813	0.51		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	0.00760	0.05	U	0.0254
Trichloroethylene	ND	ND	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 11675

Lab ID: 2042626-13

Sampled: 04/22/22 17:17

Pressure @ Receipt: 0" Hg

Canister #: 11675

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 05:25

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.00990	0.04	U	0.0308
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	62.5	236.00	D	1.05
Dibromochloromethane	0.00150	0.01	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.0548	0.26		0.0144
Tetrachloroethylene	0.0104	0.07	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.0277	0.12		0.0112
m,p-Xylene	0.0503	0.22		0.0320
Bromoform	0.00380	0.04	U	0.0109
Styrene	0.0126	0.05		0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.0166	0.07		0.0154
1,3,5-Trimethylbenzene	0.00300	0.01	U	0.0148
1,2,4-Trimethylbenzene	ND	ND	CE, U	0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	ND	ND	U	0.0169
o-Dichlorobenzene	0.0350	0.21		0.0187
1,2,4-Trichlorobenzene	ND	ND	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



CERTIFICATE OF ANALYSIS

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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 3073

Lab ID: 2042626-14

Sampled: 04/21/22 15:01

Pressure @ Receipt: 0" Hg

Canister #: 3073

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 21:12

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	ND	ND	U	0.110
Propylene	175	302.00	D	0.922
Dichlorodifluoromethane	0.595	2.95		0.0136
Chloromethane	0.667	1.38		0.0285
Dichlorotetrafluoroethane	0.0210	0.15		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	ND	ND	U	0.0207
Ethylene oxide	0.144	0.26		0.0480
Bromomethane	0.0109	0.04	U	0.0205
Chloroethane	0.00970	0.03	U	0.0164
Acetonitrile	0.124	0.21	U	0.138
Acrolein	0.196	0.45		0.177
Trichlorofluoromethane	0.280	1.58		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	ND	ND	CE, U	0.198
Carbon Disulfide	0.0258	0.08		0.0142
Trichlorotrifluoroethane	0.0852	0.65		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	ND	ND	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	0.00360	0.01	U	0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	0.00590	0.03	U	0.00757
Chloroform	ND	ND	U	0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	ND	ND	U	0.00711
1,1,1-Trichloroethane	ND	ND	U	0.0119
Benzene	21.8	69.80	D	0.0550
Carbon Tetrachloride	0.0638	0.40		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.00440	0.02	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699
Methyl Isobutyl Ketone	0.0173	0.07	U	0.0308

Eastern Research Group

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OECA

2890 Woodbridge Avenue

Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 3073

Lab ID: 2042626-14

Sampled: 04/21/22 15:01

Pressure @ Receipt: 0" Hg

Canister #: 3073

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 21:12

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	31.8	120.00	D	0.210
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	9.14	42.80	D	0.0769
Tetrachloroethylene	0.00550	0.04	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	0.706	3.07		0.0112
m,p-Xylene	6.03	26.20		0.0320
Bromoform	0.00260	0.03	U	0.0109
Styrene	ND	ND	CE, U	0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	1.09	4.74		0.0154
1,3,5-Trimethylbenzene	0.264	1.30		0.0148
1,2,4-Trimethylbenzene	0.270	1.33		0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	ND	ND	U	0.0169
o-Dichlorobenzene	ND	ND	U	0.0187
1,2,4-Trichlorobenzene	ND	ND	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



CERTIFICATE OF ANALYSIS

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Edison, NJ 08837

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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 4618

Lab ID: 2042626-15

Sampled: 04/21/22 16:43

Pressure @ Receipt: 0" Hg

Canister #: 4618

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 22:11

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.149	0.16		0.110
Propylene	15.5	26.70	D	0.985
Dichlorodifluoromethane	0.567	2.81		0.0136
Chloromethane	0.599	1.24		0.0285
Dichlorotetrafluoroethane	0.0195	0.14		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	0.686	1.52		0.0207
Ethylene oxide	0.332	0.60		0.0480
Bromomethane	0.00990	0.04	U	0.0205
Chloroethane	ND	ND	U	0.0164
Acetonitrile	0.224	0.38		0.138
Acrolein	0.972	2.23		0.177
Trichlorofluoromethane	0.266	1.50		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	ND	ND	CE, U	0.198
Carbon Disulfide	0.0242	0.08		0.0142
Trichlorotrifluoroethane	0.0769	0.59		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	ND	ND	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	0.00310	0.01	U	0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	ND	ND	U	0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0334	0.14		0.00711
1,1,1-Trichloroethane	ND	ND	U	0.0119
Benzene	496	1,590.00	D	1.47
Carbon Tetrachloride	0.0700	0.44		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.00450	0.02	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699

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2890 Woodbridge Avenue

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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 4618

Lab ID: 2042626-15

Sampled: 04/21/22 16:43

Pressure @ Receipt: 0" Hg

Canister #: 4618

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 22:11

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0224	0.09	U	0.0308
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	0.452	1.71		0.0393
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.0776	0.36		0.0144
Tetrachloroethylene	ND	ND	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	4.93	21.50		0.0112
m,p-Xylene	0.0801	0.35		0.0320
Bromoform	0.00160	0.02	U	0.0109
Styrene	0.871	3.72		0.0118
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	0.0252	0.11		0.0154
1,3,5-Trimethylbenzene	0.00410	0.02	U	0.0148
1,2,4-Trimethylbenzene	ND	ND	CE, U	0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	0.00160	0.01	U	0.0169
o-Dichlorobenzene	ND	ND	U	0.0187
1,2,4-Trichlorobenzene	ND	ND	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 4601

Lab ID: 2042626-16

Sampled: 04/21/22 17:50

Pressure @ Receipt: 0" Hg

Canister #: 4601

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 23:10

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.162	0.17		0.110
Propylene	0.428	0.74		0.0345
Dichlorodifluoromethane	0.592	2.93		0.0136
Chloromethane	0.615	1.27		0.0285
Dichlorotetrafluoroethane	0.0200	0.14		0.00827
Vinyl chloride	ND	ND	U	0.00787
1,3-Butadiene	0.00500	0.01	U	0.0207
Ethylene oxide	0.251	0.45		0.0480
Bromomethane	0.0113	0.04	U	0.0205
Chloroethane	0.00860	0.02	U	0.0164
Acetonitrile	0.140	0.24		0.138
Acrolein	0.374	0.86		0.177
Trichlorofluoromethane	0.278	1.57		0.0235
Acrylonitrile	ND	ND	U	0.0168
1,1-Dichloroethene	ND	ND	U	0.0115
Dichloromethane	0.112	0.39	U	0.198
Carbon Disulfide	0.0125	0.04	U	0.0142
Trichlorotrifluoroethane	0.0789	0.61		0.00910
trans-1,2-Dichloroethylene	ND	ND	U	0.00866
1,1-Dichloroethane	0.00120	0.00	U	0.00784
Methyl tert-Butyl Ether	ND	ND	U	0.00671
Chloroprene	ND	ND	U	0.0213
cis-1,2-Dichloroethylene	ND	ND	U	0.0228
Bromochloromethane	ND	ND	U	0.00757
Chloroform	0.0200	0.10		0.00761
Ethyl tert-Butyl Ether	ND	ND	U	0.00679
1,2-Dichloroethane	0.0298	0.12		0.00711
1,1,1-Trichloroethane	0.00130	0.01	U	0.0119
Benzene	272	871.00	D	1.47
Carbon Tetrachloride	0.0695	0.44		0.0112
tert-Amyl Methyl Ether	ND	ND	U	0.00835
1,2-Dichloropropane	ND	ND	U	0.00906
Ethyl Acrylate	ND	ND	U	0.0132
Bromodichloromethane	ND	ND	U	0.0254
Trichloroethylene	0.00450	0.02	U	0.0123
Methyl Methacrylate	ND	ND	U	0.0667
cis-1,3-Dichloropropene	ND	ND	U	0.00699
Methyl Isobutyl Ketone	ND	ND	U	0.0308

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 4601

Lab ID: 2042626-16

Sampled: 04/21/22 17:50

Pressure @ Receipt: 0" Hg

Canister #: 4601

Received: 04/26/22 11:15

Comments:

Analyzed: 04/29/22 23:10

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
trans-1,3-Dichloropropene	ND	ND	U	0.00985
1,1,2-Trichloroethane	ND	ND	U	0.00943
Toluene	54.6	206.00	D	1.12
Dibromochloromethane	ND	ND	U	0.00873
1,2-Dibromoethane	ND	ND	U	0.0110
n-Octane	0.0571	0.27		0.0144
Tetrachloroethylene	0.00350	0.02	U	0.0287
Chlorobenzene	ND	ND	U	0.0104
Ethylbenzene	188	818.00	D	1.60
m,p-Xylene	0.0646	0.28		0.0320
Bromoform	0.00190	0.02	U	0.0109
Styrene	211	901.00	D	1.68
1,1,2,2-Tetrachloroethane	ND	ND	U	0.00946
o-Xylene	ND	ND	U	0.0154
1,3,5-Trimethylbenzene	0.00400	0.02	U	0.0148
1,2,4-Trimethylbenzene	ND	ND	CE, U	0.0114
m-Dichlorobenzene	ND	ND	U	0.0162
p-Dichlorobenzene	0.00220	0.01	U	0.0169
o-Dichlorobenzene	ND	ND	U	0.0187
1,2,4-Trichlorobenzene	ND	ND	U	0.0623
Hexachloro-1,3-butadiene	ND	ND	U	0.0736



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 4614

Lab ID: 2042626-17

Sampled: 04/22/22 13:28

Pressure @ Receipt: 2.0" Hg

Canister #: 4614

Received: 04/26/22 11:15

Comments:

Analyzed: 05/04/22 12:40

Air Toxics by EPA Compendium Method TO-15

Analyte	Results		Flag	MDL
	ppbv	ug/m ³		ppbv
Acetylene	0.283	0.30	D	0.275
Propylene	0.722	1.25	D	0.0862
Dichlorodifluoromethane	0.549	2.72	D	0.0340
Chloromethane	0.778	1.61	D	0.0712
Dichlorotetrafluoroethane	0.0189	0.13	U	0.0207
Vinyl chloride	0.157	0.40	D	0.0197
1,3-Butadiene	0.184	0.41	D	0.0518
Ethylene oxide	0.428	0.77	D	0.120
Bromomethane	0.00940	0.04	U	0.0512
Chloroethane	0.0527	0.14	D	0.0410
Acetonitrile	0.570	0.96	D	0.345
Acrolein	0.686	1.58	D	0.442
Trichlorofluoromethane	0.241	1.36	D	0.0588
Acrylonitrile	ND	ND	U	0.0420
1,1-Dichloroethene	0.0689	0.27	D	0.0288
Dichloromethane	0.0998	0.35	U	0.495
Carbon Disulfide	7.13	22.20	D	0.0355
Trichlorotrifluoroethane	0.0523	0.40	D	0.0228
trans-1,2-Dichloroethylene	ND	ND	U	0.0216
1,1-Dichloroethane	0.00300	0.01	U	0.0196
Methyl tert-Butyl Ether	ND	ND	U	0.0168
Chloroprene	926	3,360.00	D	2.84
cis-1,2-Dichloroethylene	ND	ND	U	0.0570
Bromochloromethane	ND	ND	U	0.0189
Chloroform	0.303	1.48	D	0.0190
Ethyl tert-Butyl Ether	ND	ND	U	0.0170
1,2-Dichloroethane	0.0329	0.13	D	0.0178
1,1,1-Trichloroethane	ND	ND	U	0.0298
Benzene	1.35	4.32	D	0.0258
Carbon Tetrachloride	0.0490	0.31	D	0.0280
tert-Amyl Methyl Ether	ND	ND	U	0.0209
1,2-Dichloropropane	ND	ND	U	0.0226
Ethyl Acrylate	ND	ND	U	0.0330
Bromodichloromethane	0.00990	0.07	U	0.0635
Trichloroethylene	0.0183	0.10	U	0.0308
Methyl Methacrylate	ND	ND	U	0.167
cis-1,3-Dichloropropene	ND	ND	U	0.0175

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 4614

Lab ID: 2042626-17

Sampled: 04/22/22 13:28

Pressure @ Receipt: 2.0" Hg

Canister #: 4614

Received: 04/26/22 11:15

Comments:

Analyzed: 05/04/22 12:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0748	0.31	U	0.0770
trans-1,3-Dichloropropene	ND	ND	U	0.0246
1,1,2-Trichloroethane	ND	ND	U	0.0236
Toluene	31300	118,000.00	D	683
Dibromochloromethane	ND	ND	U	0.0218
1,2-Dibromoethane	0.00210	0.02	U	0.0275
n-Octane	0.743	3.48	D	0.0360
Tetrachloroethylene	0.0774	0.53	D	0.0718
Chlorobenzene	ND	ND	U	0.0260
Ethylbenzene	3.12	13.60	D	0.0280
m,p-Xylene	6.20	27.00	D	0.0800
Bromoform	0.00280	0.03	U	0.0272
Styrene	ND	ND	U	0.0295
1,1,2,2-Tetrachloroethane	0.00270	0.02	U	0.0236
o-Xylene	0.862	3.75	D	0.0385
1,3,5-Trimethylbenzene	0.0340	0.17	U	0.0370
1,2,4-Trimethylbenzene	ND	ND	U	0.0285
m-Dichlorobenzene	0.0118	0.07	U	0.0405
p-Dichlorobenzene	0.0309	0.19	U	0.0422
o-Dichlorobenzene	8.84	53.30	D	0.0468
1,2,4-Trichlorobenzene	0.0679	0.51	U	0.156
Hexachloro-1,3-butadiene	0.00330	0.04	U	0.184



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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10021

Lab ID: 2042626-18

Sampled: 04/22/22 13:20

Pressure @ Receipt: 0" Hg

Canister #: 10021

Received: 04/26/22 11:15

Comments:

Analyzed: 05/04/22 13:37

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.549	0.59	D	0.275
Propylene	0.764	1.32	D	0.0862
Dichlorodifluoromethane	0.542	2.69	D	0.0340
Chloromethane	0.654	1.35	D	0.0712
Dichlorotetrafluoroethane	0.0183	0.13	U	0.0207
Vinyl chloride	0.143	0.37	D	0.0197
1,3-Butadiene	0.463	1.03	D	0.0518
Ethylene oxide	0.241	0.44	D	0.120
Bromomethane	0.0108	0.04	U	0.0512
Chloroethane	0.0564	0.15	D	0.0410
Acetonitrile	ND	ND	U	0.345
Acrolein	0.451	1.04	D	0.442
Trichlorofluoromethane	0.258	1.45	D	0.0588
Acrylonitrile	ND	ND	U	0.0420
1,1-Dichloroethene	0.254	1.01	D	0.0288
Dichloromethane	0.197	0.69	U	0.495
Carbon Disulfide	22.9	71.40	D	0.0355
Trichlorotrifluoroethane	0.0701	0.54	D	0.0228
trans-1,2-Dichloroethylene	0.00520	0.02	U	0.0216
1,1-Dichloroethane	ND	ND	U	0.0196
Methyl tert-Butyl Ether	ND	ND	U	0.0168
Chloroprene	4220	15,300.00	D	389
cis-1,2-Dichloroethylene	ND	ND	U	0.0570
Bromochloromethane	ND	ND	U	0.0189
Chloroform	1.36	6.65	D	0.0190
Ethyl tert-Butyl Ether	ND	ND	U	0.0170
1,2-Dichloroethane	0.0591	0.24	D	0.0178
1,1,1-Trichloroethane	0.00230	0.01	U	0.0298
Benzene	0.857	2.74	D	0.0258
Carbon Tetrachloride	0.0884	0.56	D	0.0280
tert-Amyl Methyl Ether	ND	ND	U	0.0209
1,2-Dichloropropane	ND	ND	U	0.0226
Ethyl Acrylate	ND	ND	U	0.0330
Bromodichloromethane	0.0319	0.21	U	0.0635
Trichloroethylene	0.0424	0.23	D	0.0308
Methyl Methacrylate	ND	ND	U	0.167
cis-1,3-Dichloropropene	ND	ND	U	0.0175

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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10021

Lab ID: 2042626-18

Sampled: 04/22/22 13:20

Pressure @ Receipt: 0" Hg

Canister #: 10021

Received: 04/26/22 11:15

Comments:

Analyzed: 05/04/22 13:37

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0433	0.18	U	0.0770
trans-1,3-Dichloropropene	ND	ND	U	0.0246
1,1,2-Trichloroethane	ND	ND	U	0.0236
Toluene	750	2,830.00	D	5.24
Dibromochloromethane	0.00250	0.02	U	0.0218
1,2-Dibromoethane	ND	ND	U	0.0275
n-Octane	0.0659	0.31	D	0.0360
Tetrachloroethylene	0.0503	0.34	U	0.0718
Chlorobenzene	ND	ND	U	0.0260
Ethylbenzene	0.0949	0.41	D	0.0280
m,p-Xylene	0.202	0.88	D	0.0800
Bromoform	0.00260	0.03	U	0.0272
Styrene	0.0370	0.16	D	0.0295
1,1,2,2-Tetrachloroethane	0.00150	0.01	U	0.0236
o-Xylene	0.0476	0.21	D	0.0385
1,3,5-Trimethylbenzene	0.0156	0.08	U	0.0370
1,2,4-Trimethylbenzene	ND	ND	U	0.0285
m-Dichlorobenzene	0.00540	0.03	U	0.0405
p-Dichlorobenzene	0.00940	0.06	U	0.0422
o-Dichlorobenzene	0.880	5.30	D	0.0468
1,2,4-Trichlorobenzene	0.0601	0.45	U	0.156
Hexachloro-1,3-butadiene	0.00210	0.02	U	0.184



CERTIFICATE OF ANALYSIS

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2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10006

Lab ID: 2042626-19

Sampled: 04/22/22 13:22

Pressure @ Receipt: 0" Hg

Canister #: 10006

Received: 04/26/22 11:15

Comments:

Analyzed: 05/04/22 15:31

Air Toxics by EPA Compendium Method TO-15

Analyte	Results		Flag	MDL
	ppbv	ug/m ³		ppbv
Acetylene	0.365	0.39	D	0.275
Propylene	0.753	1.30	D	0.0862
Dichlorodifluoromethane	0.572	2.83	D	0.0340
Chloromethane	0.897	1.86	D	0.0712
Dichlorotetrafluoroethane	0.0192	0.13	U	0.0207
Vinyl chloride	0.255	0.65	D	0.0197
1,3-Butadiene	0.196	0.43	D	0.0518
Ethylene oxide	0.406	0.73	D	0.120
Bromomethane	0.0120	0.05	U	0.0512
Chloroethane	0.0964	0.26	D	0.0410
Acetonitrile	ND	ND	U	0.345
Acrolein	0.767	1.76	D	0.442
Trichlorofluoromethane	0.257	1.45	D	0.0588
Acrylonitrile	ND	ND	U	0.0420
1,1-Dichloroethene	0.0708	0.28	D	0.0288
Dichloromethane	0.116	0.40	U	0.495
Carbon Disulfide	6.93	21.60	D	0.0355
Trichlorotrifluoroethane	0.0599	0.46	D	0.0228
trans-1,2-Dichloroethylene	ND	ND	U	0.0216
1,1-Dichloroethane	0.00370	0.02	U	0.0196
Methyl tert-Butyl Ether	ND	ND	U	0.0168
Chloroprene	1180	4,280.00	D	2.84
cis-1,2-Dichloroethylene	ND	ND	U	0.0570
Bromochloromethane	ND	ND	U	0.0189
Chloroform	0.333	1.63	D	0.0190
Ethyl tert-Butyl Ether	ND	ND	U	0.0170
1,2-Dichloroethane	0.0378	0.15	D	0.0178
1,1,1-Trichloroethane	ND	ND	U	0.0298
Benzene	0.857	2.74	D	0.0258
Carbon Tetrachloride	0.0485	0.31	D	0.0280
tert-Amyl Methyl Ether	ND	ND	U	0.0209
1,2-Dichloropropane	ND	ND	U	0.0226
Ethyl Acrylate	ND	ND	U	0.0330
Bromodichloromethane	ND	ND	U	0.0635
Trichloroethylene	0.0184	0.10	U	0.0308
Methyl Methacrylate	ND	ND	U	0.167
cis-1,3-Dichloropropene	ND	ND	U	0.0175

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10006

Lab ID: 2042626-19

Sampled: 04/22/22 13:22

Pressure @ Receipt: 0" Hg

Canister #: 10006

Received: 04/26/22 11:15

Comments:

Analyzed: 05/04/22 15:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0945	0.39	D	0.0770
trans-1,3-Dichloropropene	ND	ND	U	0.0246
1,1,2-Trichloroethane	ND	ND	U	0.0236
Toluene	21200	80,100.00	D	717
Dibromochloromethane	ND	ND	U	0.0218
1,2-Dibromoethane	ND	ND	U	0.0275
n-Octane	0.498	2.33	D	0.0360
Tetrachloroethylene	0.0662	0.45	U	0.0718
Chlorobenzene	ND	ND	U	0.0260
Ethylbenzene	2.11	9.18	D	0.0280
m,p-Xylene	4.47	19.40	D	0.0800
Bromoform	0.00200	0.02	U	0.0272
Styrene	ND	ND	U	0.0295
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0236
o-Xylene	0.629	2.74	D	0.0385
1,3,5-Trimethylbenzene	0.0348	0.17	U	0.0370
1,2,4-Trimethylbenzene	ND	ND	U	0.0285
m-Dichlorobenzene	0.00350	0.02	U	0.0405
p-Dichlorobenzene	0.0140	0.08	U	0.0422
o-Dichlorobenzene	6.74	40.60	D	0.0468
1,2,4-Trichlorobenzene	0.0467	0.35	U	0.156
Hexachloro-1,3-butadiene	ND	ND	U	0.184



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10005

Lab ID: 2042626-20

Sampled: 04/22/22 13:25

Pressure @ Receipt: 4.5" Hg

Canister #: 10005

Received: 04/26/22 11:15

Comments:

Analyzed: 05/04/22 16:28

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.390	0.42	D	0.275
Propylene	0.549	0.95	D	0.0862
Dichlorodifluoromethane	0.531	2.63	D	0.0340
Chloromethane	0.741	1.53	D	0.0712
Dichlorotetrafluoroethane	0.0177	0.12	U	0.0207
Vinyl chloride	0.0919	0.24	D	0.0197
1,3-Butadiene	0.320	0.71	D	0.0518
Ethylene oxide	0.180	0.33	D	0.120
Bromomethane	0.0114	0.04	U	0.0512
Chloroethane	0.0749	0.20	D	0.0410
Acetonitrile	ND	ND	U	0.345
Acrolein	0.524	1.20	D	0.442
Trichlorofluoromethane	0.248	1.40	D	0.0588
Acrylonitrile	ND	ND	U	0.0420
1,1-Dichloroethene	0.251	1.00	D	0.0288
Dichloromethane	0.253	0.88	U	0.495
Carbon Disulfide	11.3	35.30	D	0.0355
Trichlorotrifluoroethane	0.0685	0.53	D	0.0228
trans-1,2-Dichloroethylene	0.00400	0.02	U	0.0216
1,1-Dichloroethane	0.00520	0.02	U	0.0196
Methyl tert-Butyl Ether	ND	ND	U	0.0168
Chloroprene	1870	6,790.00	D	199
cis-1,2-Dichloroethylene	ND	ND	U	0.0570
Bromochloromethane	ND	ND	U	0.0189
Chloroform	1.45	7.09	D	0.0190
Ethyl tert-Butyl Ether	ND	ND	U	0.0170
1,2-Dichloroethane	0.0621	0.25	D	0.0178
1,1,1-Trichloroethane	0.00270	0.01	U	0.0298
Benzene	1.07	3.43	D	0.0258
Carbon Tetrachloride	0.125	0.79	D	0.0280
tert-Amyl Methyl Ether	ND	ND	U	0.0209
1,2-Dichloropropane	ND	ND	U	0.0226
Ethyl Acrylate	0.0268	0.11	U	0.0330
Bromodichloromethane	0.0188	0.13	U	0.0635
Trichloroethylene	0.0623	0.34	D	0.0308
Methyl Methacrylate	ND	ND	U	0.167
cis-1,3-Dichloropropene	ND	ND	U	0.0175

Eastern Research Group

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CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 10005

Lab ID: 2042626-20

Sampled: 04/22/22 13:25

Pressure @ Receipt: 4.5" Hg

Canister #: 10005

Received: 04/26/22 11:15

Comments:

Analyzed: 05/04/22 16:28

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Methyl Isobutyl Ketone	0.0621	0.26	U	0.0770
trans-1,3-Dichloropropene	ND	ND	U	0.0246
1,1,2-Trichloroethane	ND	ND	U	0.0236
Toluene	580	2,190.00	D	5.34
Dibromochloromethane	ND	ND	U	0.0218
1,2-Dibromoethane	ND	ND	U	0.0275
n-Octane	ND	ND	U	0.0360
Tetrachloroethylene	0.0197	0.13	U	0.0718
Chlorobenzene	ND	ND	U	0.0260
Ethylbenzene	0.113	0.49	D	0.0280
m,p-Xylene	0.132	0.57	D	0.0800
Bromoform	ND	ND	U	0.0272
Styrene	0.150	0.64	D	0.0295
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0236
o-Xylene	0.0322	0.14	U	0.0385
1,3,5-Trimethylbenzene	ND	ND	U	0.0370
1,2,4-Trimethylbenzene	ND	ND	U	0.0285
m-Dichlorobenzene	0.00240	0.01	U	0.0405
p-Dichlorobenzene	0.00520	0.03	U	0.0422
o-Dichlorobenzene	0.618	3.72	D	0.0468
1,2,4-Trichlorobenzene	0.0457	0.34	U	0.156
Hexachloro-1,3-butadiene	0.00200	0.02	U	0.184



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 00279

Lab ID: 2042626-21

Sampled: 04/21/22 16:50

Pressure @ Receipt: 0" Hg

Canister #: 00279

Received: 04/26/22 11:15

Comments:

Analyzed: 05/04/22 17:26

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Acetylene	0.146	0.16	U	0.275
Propylene	0.299	0.52	D	0.0862
Dichlorodifluoromethane	0.453	2.24	D	0.0340
Chloromethane	0.504	1.04	D	0.0712
Dichlorotetrafluoroethane	0.0146	0.10	U	0.0207
Vinyl chloride	ND	ND	U	0.0197
1,3-Butadiene	0.00690	0.02	U	0.0518
Ethylene oxide	ND	ND	U	0.120
Bromomethane	0.00920	0.04	U	0.0512
Chloroethane	ND	ND	U	0.0410
Acetonitrile	0.0774	0.13	U	0.345
Acrolein	0.345	0.79	U	0.442
Trichlorofluoromethane	0.213	1.20	D	0.0588
Acrylonitrile	ND	ND	U	0.0420
1,1-Dichloroethene	ND	ND	U	0.0288
Dichloromethane	0.0819	0.29	U	0.495
Carbon Disulfide	0.171	0.53	D	0.0355
Trichlorotrifluoroethane	0.0619	0.48	D	0.0228
trans-1,2-Dichloroethylene	ND	ND	U	0.0216
1,1-Dichloroethane	ND	ND	U	0.0196
Methyl tert-Butyl Ether	ND	ND	U	0.0168
Chloroprene	1.57	5.70	D	0.0532
cis-1,2-Dichloroethylene	ND	ND	U	0.0570
Bromochloromethane	0.00170	0.01	U	0.0189
Chloroform	ND	ND	U	0.0190
Ethyl tert-Butyl Ether	ND	ND	U	0.0170
1,2-Dichloroethane	0.0173	0.07	U	0.0178
1,1,1-Trichloroethane	ND	ND	U	0.0298
Benzene	862	2,760.00	D	1.37
Carbon Tetrachloride	0.0566	0.36	D	0.0280
tert-Amyl Methyl Ether	ND	ND	U	0.0209
1,2-Dichloropropane	ND	ND	U	0.0226
Ethyl Acrylate	ND	ND	U	0.0330
Bromodichloromethane	ND	ND	U	0.0635
Trichloroethylene	0.0122	0.07	U	0.0308
Methyl Methacrylate	ND	ND	U	0.167
cis-1,3-Dichloropropene	ND	ND	U	0.0175
Methyl Isobutyl Ketone	0.0198	0.08	U	0.0770
trans-1,3-Dichloropropene	ND	ND	U	0.0246

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REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Description: NEIC Can 00279

Lab ID: 2042626-21

Sampled: 04/21/22 16:50

Pressure @ Receipt: 0" Hg

Canister #: 00279

Received: 04/26/22 11:15

Comments:

Analyzed: 05/04/22 17:26

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
1,1,2-Trichloroethane	ND	ND	U	0.0236
Toluene	11.9	44.90	D	0.0982
Dibromochloromethane	ND	ND	U	0.0218
1,2-Dibromoethane	ND	ND	U	0.0275
n-Octane	ND	ND	U	0.0360
Tetrachloroethylene	0.00350	0.02	U	0.0718
Chlorobenzene	ND	ND	U	0.0260
Ethylbenzene	7.76	33.80	D	0.0280
m,p-Xylene	0.0285	0.12	U	0.0800
Bromoform	0.00250	0.03	U	0.0272
Styrene	1.56	6.66	D	0.0295
1,1,2,2-Tetrachloroethane	ND	ND	U	0.0236
o-Xylene	0.0115	0.05	U	0.0385
1,3,5-Trimethylbenzene	0.00330	0.02	U	0.0370
1,2,4-Trimethylbenzene	ND	ND	U	0.0285
m-Dichlorobenzene	0.00280	0.02	U	0.0405
p-Dichlorobenzene	0.00470	0.03	U	0.0422
o-Dichlorobenzene	0.0138	0.08	U	0.0468
1,2,4-Trichlorobenzene	0.0143	0.11	U	0.156
Hexachloro-1,3-butadiene	0.00160	0.02	U	0.184



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FILE #: 0453.14.001.120
REPORTED: 06/10/22 10:22
SUBMITTED: 04/19/22 to 04/26/22
AQS SITE CODE:
SITE CODE: GMAP Response

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B2D2507 - Summa Canister Prep

Blank (B2D2507-BLK1)

Prepared: 04/14/22 Analyzed: 04/25/22

Acetylene	ND	ppbv				U
Propylene	ND	ppbv				U
Dichlorodifluoromethane	ND	ppbv				U
Chloromethane	ND	ppbv				U
Dichlorotetrafluoroethane	ND	ppbv				U
Vinyl chloride	ND	ppbv				U
1,3-Butadiene	ND	ppbv				U
Ethylene oxide	ND	ppbv				U
Bromomethane	ND	ppbv				U
Chloroethane	ND	ppbv				U
Acetonitrile	ND	ppbv				U
Acrolein	ND	ppbv				U
Trichlorofluoromethane	ND	ppbv				U
Acrylonitrile	ND	ppbv				U
1,1-Dichloroethene	ND	ppbv				U
Dichloromethane	ND	ppbv				U
Carbon Disulfide	ND	ppbv				U
Trichlorotrifluoroethane	ND	ppbv				U
trans-1,2-Dichloroethylene	ND	ppbv				U
1,1-Dichloroethane	ND	ppbv				U
Methyl tert-Butyl Ether	ND	ppbv				U
Chloroprene	ND	ppbv				U
cis-1,2-Dichloroethylene	ND	ppbv				U
Bromochloromethane	ND	ppbv				U
Chloroform	ND	ppbv				U
Ethyl tert-Butyl Ether	ND	ppbv				U
1,2-Dichloroethane	ND	ppbv				U
1,1,1-Trichloroethane	ND	ppbv				U
Benzene	ND	ppbv				U
Carbon Tetrachloride	ND	ppbv				U
tert-Amyl Methyl Ether	ND	ppbv				U
1,2-Dichloropropane	ND	ppbv				U
Ethyl Acrylate	ND	ppbv				U
Bromodichloromethane	ND	ppbv				U
Trichloroethylene	ND	ppbv				U
Methyl Methacrylate	ND	ppbv				U
cis-1,3-Dichloropropene	ND	ppbv				U

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Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B2D2507 - Summa Canister Prep

Blank (B2D2507-BLK1) Continued

Prepared: 04/14/22 Analyzed: 04/25/22

Methyl Isobutyl Ketone	ND	ppbv				U
trans-1,3-Dichloropropene	ND	ppbv				U
1,1,2-Trichloroethane	ND	ppbv				U
Toluene	ND	ppbv				U
Dibromochloromethane	ND	ppbv				U
1,2-Dibromoethane	ND	ppbv				U
n-Octane	ND	ppbv				U
Tetrachloroethylene	ND	ppbv				U
Chlorobenzene	ND	ppbv				U
Ethylbenzene	ND	ppbv				U
m,p-Xylene	ND	ppbv				U
Bromoform	ND	ppbv				U
Styrene	ND	ppbv				U
1,1,2,2-Tetrachloroethane	ND	ppbv				U
o-Xylene	ND	ppbv				U
1,3,5-Trimethylbenzene	ND	ppbv				U
1,2,4-Trimethylbenzene	ND	ppbv				U
m-Dichlorobenzene	ND	ppbv				U
p-Dichlorobenzene	ND	ppbv				U
o-Dichlorobenzene	ND	ppbv				U
1,2,4-Trichlorobenzene	ND	ppbv				U
Hexachloro-1,3-butadiene	ND	ppbv				U

Duplicate (B2D2507-DUP1)

Source: 2041911-02

Prepared: 04/11/22 Analyzed: 04/25/22

Acetylene	ND	ppbv	0.36		25	U
Propylene	17.3	ppbv	16.00	7.53	25	E
Dichlorodifluoromethane	0.525	ppbv	0.54	1.96	25	
Chloromethane	0.570	ppbv	0.58	2.15	25	
Dichlorotetrafluoroethane	0.0176	ppbv	0.02	1.13	25	
Vinyl chloride	0.0524	ppbv	0.05	1.33	25	
1,3-Butadiene	0.334	ppbv	0.34	2.16	25	
Ethylene oxide	0.0758	ppbv	0.08	5.64	25	
Bromomethane	0.0102	ppbv	ND		25	
Chloroethane	0.0590	ppbv	0.06	3.01	25	
Acetonitrile	0.100	ppbv	0.10	2.32	25	
Acrolein	0.307	ppbv	0.29	5.94	25	
Trichlorofluoromethane	0.243	ppbv	0.25	2.44	25	
Acrylonitrile	ND	ppbv	ND		25	U

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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B2D2507 - Summa Canister Prep

Duplicate (B2D2507-DUP1) Continued Source: 2041911-02 Prepared: 04/11/22 Analyzed: 04/25/22

1,1-Dichloroethene	ND	ppbv	ND		25	U
Dichloromethane	0.112	ppbv	ND		25	
Carbon Disulfide	0.144	ppbv	0.15	1.79	25	
Trichlorotrifluoroethane	0.0759	ppbv	0.08	2.09	25	
trans-1,2-Dichloroethylene	ND	ppbv	ND		25	U
1,1-Dichloroethane	0.00820	ppbv	0.01	3.59	25	
Methyl tert-Butyl Ether	ND	ppbv	ND		25	U
Chloroprene	ND	ppbv	ND		25	U
cis-1,2-Dichloroethylene	ND	ppbv	ND		25	U
Bromochloromethane	ND	ppbv	ND		25	U
Chloroform	0.0489	ppbv	0.05	0.815	25	
Ethyl tert-Butyl Ether	ND	ppbv	ND		25	U
1,2-Dichloroethane	0.683	ppbv	0.68	1.19	25	
1,1,1-Trichloroethane	ND	ppbv	ND		25	U
Benzene	0.265	ppbv	0.26	1.06	25	
Carbon Tetrachloride	0.0859	ppbv	0.09	2.07	25	
tert-Amyl Methyl Ether	ND	ppbv	ND		25	U
1,2-Dichloropropane	ND	ppbv	ND		25	U
Ethyl Acrylate	ND	ppbv	ND		25	U
Bromodichloromethane	ND	ppbv	ND		25	U
Trichloroethylene	ND	ppbv	ND		25	U
Methyl Methacrylate	ND	ppbv	ND		25	U
cis-1,3-Dichloropropene	ND	ppbv	ND		25	U
Methyl Isobutyl Ketone	0.0192	ppbv	0.02	9.84	25	
trans-1,3-Dichloropropene	ND	ppbv	ND		25	U
1,1,2-Trichloroethane	0.0142	ppbv	0.01	4.32	25	
Toluene	0.0895	ppbv	0.09	4.22	25	
Dibromochloromethane	ND	ppbv	ND		25	U
1,2-Dibromoethane	ND	ppbv	ND		25	U
n-Octane	0.0274	ppbv	0.03	3.34	25	
Tetrachloroethylene	ND	ppbv	ND		25	U
Chlorobenzene	ND	ppbv	ND		25	U
Ethylbenzene	0.0162	ppbv	0.02	6.37	25	
m,p-Xylene	0.0456	ppbv	0.04	4.26	25	
Bromoform	ND	ppbv	ND		25	U
Styrene	ND	ppbv	ND		25	CE, U
1,1,2,2-Tetrachloroethane	ND	ppbv	ND		25	U

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FILE #: 0453.14.001.120
REPORTED: 06/10/22 10:22
SUBMITTED: 04/19/22 to 04/26/22
AQS SITE CODE:
SITE CODE: GMAP Response

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B2D2507 - Summa Canister Prep

Duplicate (B2D2507-DUP1) Continued Source: 2041911-02 Prepared: 04/11/22 Analyzed: 04/25/22

o-Xylene	0.0176	ppbv	0.02	3.47	25	
1,3,5-Trimethylbenzene	ND	ppbv	ND		25	U
1,2,4-Trimethylbenzene	ND	ppbv	ND		25	CE, U
m-Dichlorobenzene	ND	ppbv	ND		25	U
p-Dichlorobenzene	ND	ppbv	ND		25	U
o-Dichlorobenzene	ND	ppbv	ND		25	U
1,2,4-Trichlorobenzene	ND	ppbv	ND		25	U
Hexachloro-1,3-butadiene	ND	ppbv	ND		25	U

Batch B2D2803 - Summa Canister Prep

Blank (B2D2803-BLK1) Prepared: 04/21/22 Analyzed: 04/28/22

Acetylene	ND	ppbv				U
Propylene	ND	ppbv				U
Dichlorodifluoromethane	ND	ppbv				U
Chloromethane	ND	ppbv				U
Dichlorotetrafluoroethane	ND	ppbv				U
Vinyl chloride	ND	ppbv				U
1,3-Butadiene	ND	ppbv				U
Ethylene oxide	ND	ppbv				U
Bromomethane	ND	ppbv				U
Chloroethane	ND	ppbv				U
Acetonitrile	ND	ppbv				U
Acrolein	ND	ppbv				U
Trichlorofluoromethane	ND	ppbv				U
Acrylonitrile	ND	ppbv				U
1,1-Dichloroethene	ND	ppbv				U
Dichloromethane	ND	ppbv				U
Carbon Disulfide	ND	ppbv				U
Trichlorotrifluoroethane	ND	ppbv				U
trans-1,2-Dichloroethylene	ND	ppbv				U
1,1-Dichloroethane	ND	ppbv				U
Methyl tert-Butyl Ether	ND	ppbv				U
Chloroprene	ND	ppbv				U
cis-1,2-Dichloroethylene	ND	ppbv				U
Bromochloromethane	ND	ppbv				U
Chloroform	ND	ppbv				U
Ethyl tert-Butyl Ether	ND	ppbv				U
1,2-Dichloroethane	ND	ppbv				U

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REPORTED: 06/10/22 10:22
SUBMITTED: 04/19/22 to 04/26/22
AQS SITE CODE:
SITE CODE: GMAP Response

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B2D2803 - Summa Canister Prep

Blank (B2D2803-BLK1) Continued

Prepared: 04/21/22 Analyzed: 04/28/22

1,1,1-Trichloroethane	ND	ppbv				U
Benzene	ND	ppbv				U
Carbon Tetrachloride	ND	ppbv				U
tert-Amyl Methyl Ether	ND	ppbv				U
1,2-Dichloropropane	ND	ppbv				U
Ethyl Acrylate	ND	ppbv				U
Bromodichloromethane	ND	ppbv				U
Trichloroethylene	ND	ppbv				U
Methyl Methacrylate	ND	ppbv				U
cis-1,3-Dichloropropene	ND	ppbv				U
Methyl Isobutyl Ketone	ND	ppbv				U
trans-1,3-Dichloropropene	ND	ppbv				U
1,1,2-Trichloroethane	ND	ppbv				U
Toluene	ND	ppbv				U
Dibromochloromethane	ND	ppbv				U
1,2-Dibromoethane	ND	ppbv				U
n-Octane	ND	ppbv				U
Tetrachloroethylene	ND	ppbv				U
Chlorobenzene	ND	ppbv				U
Ethylbenzene	ND	ppbv				U
m,p-Xylene	ND	ppbv				U
Bromoform	ND	ppbv				U
Styrene	ND	ppbv				U
1,1,2,2-Tetrachloroethane	ND	ppbv				U
o-Xylene	ND	ppbv				U
1,3,5-Trimethylbenzene	ND	ppbv				U
1,2,4-Trimethylbenzene	ND	ppbv				U
m-Dichlorobenzene	ND	ppbv				U
p-Dichlorobenzene	ND	ppbv				U
o-Dichlorobenzene	ND	ppbv				U
1,2,4-Trichlorobenzene	ND	ppbv				U
Hexachloro-1,3-butadiene	ND	ppbv				U

Duplicate (B2D2803-DUP1)

Source: 2042626-03

Prepared: 04/16/22 Analyzed: 04/28/22

Acetylene	ND	ppbv	ND		25	U
Propylene	0.244	ppbv	0.25	0.532	25	
Dichlorodifluoromethane	0.515	ppbv	0.53	2.40	25	
Chloromethane	0.548	ppbv	0.56	2.79	25	

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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B2D2803 - Summa Canister Prep

Duplicate (B2D2803-DUP1) Continued Source: 2042626-03 Prepared: 04/16/22 Analyzed: 04/28/22

Dichlorotetrafluoroethane	0.0177	ppbv	0.02	1.68	25	
Vinyl chloride	ND	ppbv	ND		25	U
1,3-Butadiene	ND	ppbv	ND		25	U
Ethylene oxide	5.27	ppbv	5.13	2.76	25	
Bromomethane	ND	ppbv	ND		25	U
Chloroethane	ND	ppbv	ND		25	U
Acetonitrile	ND	ppbv	ND		25	U
Acrolein	ND	ppbv	ND		25	U
Trichlorofluoromethane	0.242	ppbv	0.25	2.73	25	
Acrylonitrile	ND	ppbv	ND		25	U
1,1-Dichloroethene	ND	ppbv	ND		25	U
Dichloromethane	ND	ppbv	ND		25	U
Carbon Disulfide	0.0236	ppbv	0.02	0.844	25	
Trichlorotrifluoroethane	0.0804	ppbv	0.08	2.58	25	
trans-1,2-Dichloroethylene	ND	ppbv	ND		25	U
1,1-Dichloroethane	ND	ppbv	ND		25	U
Methyl tert-Butyl Ether	ND	ppbv	ND		25	U
Chloroprene	ND	ppbv	ND		25	U
cis-1,2-Dichloroethylene	ND	ppbv	ND		25	U
Bromochloromethane	ND	ppbv	ND		25	U
Chloroform	0.0159	ppbv	0.02	1.90	25	
Ethyl tert-Butyl Ether	ND	ppbv	ND		25	U
1,2-Dichloroethane	0.0126	ppbv	0.01	2.41	25	
1,1,1-Trichloroethane	ND	ppbv	ND		25	U
Benzene	0.166	ppbv	0.16	4.55	25	
Carbon Tetrachloride	0.0829	ppbv	0.08	2.38	25	
tert-Amyl Methyl Ether	ND	ppbv	ND		25	U
1,2-Dichloropropane	ND	ppbv	ND		25	U
Ethyl Acrylate	ND	ppbv	ND		25	U
Bromodichloromethane	ND	ppbv	ND		25	U
Trichloroethylene	ND	ppbv	ND		25	U
Methyl Methacrylate	ND	ppbv	ND		25	U
cis-1,3-Dichloropropene	ND	ppbv	ND		25	U
Methyl Isobutyl Ketone	2.34	ppbv	2.26	3.71	25	
trans-1,3-Dichloropropene	ND	ppbv	ND		25	U
1,1,2-Trichloroethane	ND	ppbv	ND		25	U
Toluene	0.0880	ppbv	0.08	4.89	25	

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OECA
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FILE #: 0453.14.001.120
REPORTED: 06/10/22 10:22
SUBMITTED: 04/19/22 to 04/26/22
AQS SITE CODE:
SITE CODE: GMAP Response

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B2D2803 - Summa Canister Prep

Duplicate (B2D2803-DUP1) Continued Source: 2042626-03 Prepared: 04/16/22 Analyzed: 04/28/22

Dibromochloromethane	ND	ppbv	ND		25	U
1,2-Dibromoethane	ND	ppbv	ND		25	U
n-Octane	0.0312	ppbv	0.03	3.59	25	
Tetrachloroethylene	ND	ppbv	ND		25	U
Chlorobenzene	ND	ppbv	ND		25	U
Ethylbenzene	0.0168	ppbv	0.02	4.26	25	
m,p-Xylene	0.0567	ppbv	0.05	4.32	25	
Bromoform	ND	ppbv	ND		25	U
Styrene	ND	ppbv	ND		25	CE, U
1,1,2,2-Tetrachloroethane	ND	ppbv	ND		25	U
o-Xylene	0.0226	ppbv	0.02	2.69	25	
1,3,5-Trimethylbenzene	ND	ppbv	ND		25	U
1,2,4-Trimethylbenzene	0.0204	ppbv	0.02	1.46	25	
m-Dichlorobenzene	ND	ppbv	ND		25	U
p-Dichlorobenzene	ND	ppbv	ND		25	U
o-Dichlorobenzene	ND	ppbv	ND		25	U
1,2,4-Trichlorobenzene	ND	ppbv	ND		25	U
Hexachloro-1,3-butadiene	ND	ppbv	ND		25	U

Batch B2D2903 - Summa Canister Prep

Blank (B2D2903-BLK1) Prepared: 04/21/22 Analyzed: 04/29/22

Acetylene	ND	ppbv				U
Propylene	ND	ppbv				U
Dichlorodifluoromethane	ND	ppbv				U
Chloromethane	ND	ppbv				U
Dichlorotetrafluoroethane	ND	ppbv				U
Vinyl chloride	ND	ppbv				U
1,3-Butadiene	ND	ppbv				U
Ethylene oxide	ND	ppbv				U
Bromomethane	ND	ppbv				U
Chloroethane	ND	ppbv				U
Acetonitrile	ND	ppbv				U
Acrolein	ND	ppbv				U
Trichlorofluoromethane	ND	ppbv				U
Acrylonitrile	ND	ppbv				U
1,1-Dichloroethene	ND	ppbv				U
Dichloromethane	ND	ppbv				U
Carbon Disulfide	ND	ppbv				U

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Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B2D2903 - Summa Canister Prep

Blank (B2D2903-BLK1) Continued

Prepared: 04/21/22 Analyzed: 04/29/22

Trichlorotrifluoroethane	ND	ppbv				U
trans-1,2-Dichloroethylene	ND	ppbv				U
1,1-Dichloroethane	ND	ppbv				U
Methyl tert-Butyl Ether	ND	ppbv				U
Chloroprene	ND	ppbv				U
cis-1,2-Dichloroethylene	ND	ppbv				U
Bromochloromethane	ND	ppbv				U
Chloroform	ND	ppbv				U
Ethyl tert-Butyl Ether	ND	ppbv				U
1,2-Dichloroethane	ND	ppbv				U
1,1,1-Trichloroethane	ND	ppbv				U
Benzene	ND	ppbv				U
Carbon Tetrachloride	ND	ppbv				U
tert-Amyl Methyl Ether	ND	ppbv				U
1,2-Dichloropropane	ND	ppbv				U
Ethyl Acrylate	ND	ppbv				U
Bromodichloromethane	ND	ppbv				U
Trichloroethylene	ND	ppbv				U
Methyl Methacrylate	ND	ppbv				U
cis-1,3-Dichloropropene	ND	ppbv				U
Methyl Isobutyl Ketone	ND	ppbv				U
trans-1,3-Dichloropropene	ND	ppbv				U
1,1,2-Trichloroethane	ND	ppbv				U
Toluene	ND	ppbv				U
Dibromochloromethane	ND	ppbv				U
1,2-Dibromoethane	ND	ppbv				U
n-Octane	ND	ppbv				U
Tetrachloroethylene	ND	ppbv				U
Chlorobenzene	ND	ppbv				U
Ethylbenzene	ND	ppbv				U
m,p-Xylene	ND	ppbv				U
Bromoform	ND	ppbv				U
Styrene	ND	ppbv				U
1,1,2,2-Tetrachloroethane	ND	ppbv				U
o-Xylene	ND	ppbv				U
1,3,5-Trimethylbenzene	ND	ppbv				U
1,2,4-Trimethylbenzene	ND	ppbv				U

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Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B2D2903 - Summa Canister Prep

Blank (B2D2903-BLK1) Continued

Prepared: 04/21/22 Analyzed: 04/29/22

m-Dichlorobenzene	ND	ppbv				U
p-Dichlorobenzene	ND	ppbv				U
o-Dichlorobenzene	ND	ppbv				U
1,2,4-Trichlorobenzene	ND	ppbv				U
Hexachloro-1,3-butadiene	ND	ppbv				U

Batch B2E1105 - Summa Canister Prep

Blank (B2E1105-BLK1)

Prepared: 04/21/22 Analyzed: 05/04/22

Acetylene	ND	ppbv				U
Propylene	ND	ppbv				U
Dichlorodifluoromethane	ND	ppbv				U
Chloromethane	ND	ppbv				U
Dichlorotetrafluoroethane	ND	ppbv				U
Vinyl chloride	ND	ppbv				U
1,3-Butadiene	ND	ppbv				U
Ethylene oxide	ND	ppbv				U
Bromomethane	ND	ppbv				U
Chloroethane	ND	ppbv				U
Acetonitrile	ND	ppbv				U
Acrolein	ND	ppbv				U
Trichlorofluoromethane	ND	ppbv				U
Acrylonitrile	ND	ppbv				U
1,1-Dichloroethene	ND	ppbv				U
Dichloromethane	ND	ppbv				U
Carbon Disulfide	ND	ppbv				U
Trichlorotrifluoroethane	ND	ppbv				U
trans-1,2-Dichloroethylene	ND	ppbv				U
1,1-Dichloroethane	ND	ppbv				U
Methyl tert-Butyl Ether	ND	ppbv				U
Chloroprene	ND	ppbv				U
cis-1,2-Dichloroethylene	ND	ppbv				U
Bromochloromethane	ND	ppbv				U
Chloroform	ND	ppbv				U
Ethyl tert-Butyl Ether	ND	ppbv				U
1,2-Dichloroethane	ND	ppbv				U
1,1,1-Trichloroethane	ND	ppbv				U
Benzene	ND	ppbv				U
Carbon Tetrachloride	ND	ppbv				U

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Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B2E1105 - Summa Canister Prep

Blank (B2E1105-BLK1) Continued

Prepared: 04/21/22 Analyzed: 05/04/22

tert-Amyl Methyl Ether	ND	ppbv				U
1,2-Dichloropropane	ND	ppbv				U
Ethyl Acrylate	ND	ppbv				U
Bromodichloromethane	ND	ppbv				U
Trichloroethylene	ND	ppbv				U
Methyl Methacrylate	ND	ppbv				U
cis-1,3-Dichloropropene	ND	ppbv				U
Methyl Isobutyl Ketone	ND	ppbv				U
trans-1,3-Dichloropropene	ND	ppbv				U
1,1,2-Trichloroethane	ND	ppbv				U
Toluene	ND	ppbv				U
Dibromochloromethane	ND	ppbv				U
1,2-Dibromoethane	ND	ppbv				U
n-Octane	ND	ppbv				U
Tetrachloroethylene	ND	ppbv				U
Chlorobenzene	ND	ppbv				U
Ethylbenzene	ND	ppbv				U
m,p-Xylene	ND	ppbv				U
Bromoform	ND	ppbv				U
Styrene	ND	ppbv				U
1,1,2,2-Tetrachloroethane	ND	ppbv				U
o-Xylene	ND	ppbv				U
1,3,5-Trimethylbenzene	ND	ppbv				U
1,2,4-Trimethylbenzene	ND	ppbv				U
m-Dichlorobenzene	ND	ppbv				U
p-Dichlorobenzene	ND	ppbv				U
o-Dichlorobenzene	ND	ppbv				U
1,2,4-Trichlorobenzene	0.0774	ppbv				
Hexachloro-1,3-butadiene	ND	ppbv				U



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Analyte	Result	Units	% Difference	Limit (%)	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Sequence 2204066

Calibration Check (2204066-CCV1)

Prepared & Analyzed: 04/25/22

Acetylene	2.20	ppbv	-15.9	30.00
Propylene	2.57	ppbv	-0.7	30.00
Dichlorodifluoromethane	2.67	ppbv	3.2	30.00
Chloromethane	2.63	ppbv	1.5	30.00
Dichlorotetrafluoroethane	2.68	ppbv	1.2	30.00
Vinyl chloride	2.74	ppbv	5.8	30.00
1,3-Butadiene	2.86	ppbv	10.4	30.00
Ethylene oxide	2.82	ppbv	16.9	30.00
Bromomethane	2.68	ppbv	2.9	30.00
Chloroethane	2.70	ppbv	3.4	30.00
Acetonitrile	2.49	ppbv	-3.1	30.00
Acrolein	2.98	ppbv	14.6	30.00
Trichlorofluoromethane	2.79	ppbv	7.6	30.00
Acrylonitrile	3.26	ppbv	21.1	30.00
1,1-Dichloroethene	2.71	ppbv	3.5	30.00
Dichloromethane	2.63	ppbv	0.03	30.00
Carbon Disulfide	2.88	ppbv	4.4	30.00
Trichlorotrifluoroethane	2.65	ppbv	0.1	30.00
trans-1,2-Dichloroethylene	2.64	ppbv	0.9	30.00
1,1-Dichloroethane	2.59	ppbv	-0.8	30.00
Methyl tert-Butyl Ether	2.84	ppbv	8.5	30.00
Chloroprene	2.76	ppbv	5.2	30.00
cis-1,2-Dichloroethylene	2.76	ppbv	6.9	30.00
Bromochloromethane	2.72	ppbv	4.9	30.00
Chloroform	2.70	ppbv	2.0	30.00
Ethyl tert-Butyl Ether	3.00	ppbv	15.4	30.00
1,2-Dichloroethane	2.97	ppbv	14.7	30.00
1,1,1-Trichloroethane	2.42	ppbv	-7.3	30.00
Benzene	2.78	ppbv	6.4	30.00
Carbon Tetrachloride	2.35	ppbv	-9.6	30.00
tert-Amyl Methyl Ether	3.05	ppbv	17.4	30.00
1,2-Dichloropropane	2.60	ppbv	0.5	30.00
Ethyl Acrylate	2.93	ppbv	12.2	30.00
Bromodichloromethane	2.47	ppbv	-5.1	30.00

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FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

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AQS SITE CODE:

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Analyte	Result	Units	% Difference	Limit (%)	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Sequence 2204066

Calibration Check (2204066-CCV1) Continued

Prepared & Analyzed: 04/25/22

Trichloroethylene	2.37	ppbv	-9.1	30.00
Methyl Methacrylate	2.89	ppbv	11.7	30.00
cis-1,3-Dichloropropene	2.90	ppbv	11.5	30.00
Methyl Isobutyl Ketone	2.79	ppbv	7.6	30.00
trans-1,3-Dichloropropene	3.20	ppbv	22.7	30.00
1,1,2-Trichloroethane	2.79	ppbv	6.3	30.00
Toluene	2.86	ppbv	10.2	30.00
Dibromochloromethane	2.75	ppbv	6.0	30.00
1,2-Dibromoethane	2.81	ppbv	7.4	30.00
n-Octane	2.64	ppbv	1.3	30.00
Tetrachloroethylene	2.47	ppbv	-6.3	30.00
Chlorobenzene	2.64	ppbv	1.1	30.00
Ethylbenzene	2.88	ppbv	10.6	30.00
m,p-Xylene	6.24	ppbv	20.5	30.00
Bromoform	2.86	ppbv	10.0	30.00
Styrene	3.35	ppbv	28.9	30.00
1,1,2,2-Tetrachloroethane	2.72	ppbv	4.3	30.00
o-Xylene	3.03	ppbv	16.0	30.00
1,3,5-Trimethylbenzene	2.95	ppbv	12.9	30.00
1,2,4-Trimethylbenzene	3.08	ppbv	17.6	30.00
m-Dichlorobenzene	2.92	ppbv	12.0	30.00
p-Dichlorobenzene	2.96	ppbv	13.9	30.00
o-Dichlorobenzene	2.86	ppbv	9.3	30.00
1,2,4-Trichlorobenzene	2.52	ppbv	-7.3	30.00
Hexachloro-1,3-butadiene	2.29	ppbv	-15.6	30.00

Sequence 2204074

Calibration Check (2204074-CCV1)

Prepared & Analyzed: 04/28/22

Acetylene	2.52	ppbv	-3.3	30.00
Propylene	2.49	ppbv	-3.8	30.00
Dichlorodifluoromethane	2.71	ppbv	4.7	30.00
Chloromethane	2.66	ppbv	2.8	30.00
Dichlorotetrafluoroethane	2.74	ppbv	3.7	30.00
Vinyl chloride	2.73	ppbv	5.3	30.00
1,3-Butadiene	2.79	ppbv	7.4	30.00

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Analyte	Result	Units	% Difference	Limit (%)	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Sequence 2204074

Calibration Check (2204074-CCV1) Continued

Prepared & Analyzed: 04/28/22

Ethylene oxide	2.82	ppbv	16.7	30.00
Bromomethane	2.73	ppbv	4.9	30.00
Chloroethane	2.77	ppbv	5.9	30.00
Acetonitrile	2.58	ppbv	0.2	30.00
Acrolein	3.15	ppbv	21.0	30.00
Trichlorofluoromethane	2.78	ppbv	7.0	30.00
Acrylonitrile	3.28	ppbv	21.7	30.00
1,1-Dichloroethene	2.90	ppbv	10.7	30.00
Dichloromethane	2.55	ppbv	-3.0	30.00
Carbon Disulfide	3.13	ppbv	13.6	30.00
Trichlorotrifluoroethane	2.71	ppbv	2.4	30.00
trans-1,2-Dichloroethylene	2.54	ppbv	-2.7	30.00
1,1-Dichloroethane	2.46	ppbv	-6.1	30.00
Methyl tert-Butyl Ether	2.95	ppbv	12.9	30.00
Chloroprene	2.49	ppbv	-5.0	30.00
cis-1,2-Dichloroethylene	2.66	ppbv	3.0	30.00
Bromochloromethane	2.67	ppbv	2.8	30.00
Chloroform	2.62	ppbv	-1.0	30.00
Ethyl tert-Butyl Ether	3.11	ppbv	19.8	30.00
1,2-Dichloroethane	2.84	ppbv	9.6	30.00
1,1,1-Trichloroethane	2.25	ppbv	-13.6	30.00
Benzene	2.80	ppbv	7.4	30.00
Carbon Tetrachloride	2.20	ppbv	-15.2	30.00
tert-Amyl Methyl Ether	3.37	ppbv	29.8	30.00
1,2-Dichloropropane	2.55	ppbv	-1.5	30.00
Ethyl Acrylate	3.07	ppbv	17.7	30.00
Bromodichloromethane	2.44	ppbv	-6.4	30.00
Trichloroethylene	2.34	ppbv	-10.3	30.00
Methyl Methacrylate	2.97	ppbv	14.7	30.00
cis-1,3-Dichloropropene	2.77	ppbv	6.7	30.00
Methyl Isobutyl Ketone	2.87	ppbv	11.0	30.00
trans-1,3-Dichloropropene	3.14	ppbv	20.4	30.00
1,1,2-Trichloroethane	2.81	ppbv	7.4	30.00
Toluene	2.79	ppbv	7.4	30.00

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Analyte	Result	Units	% Difference	Limit (%)	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Sequence 2204074

Calibration Check (2204074-CCV1) Continued

Prepared & Analyzed: 04/28/22

Dibromochloromethane	2.65	ppbv	2.4	30.00
1,2-Dibromoethane	2.82	ppbv	7.8	30.00
n-Octane	2.60	ppbv	-0.4	30.00
Tetrachloroethylene	2.39	ppbv	-9.1	30.00
Chlorobenzene	2.66	ppbv	1.9	30.00
Ethylbenzene	2.90	ppbv	11.4	30.00
m,p-Xylene	6.37	ppbv	23.0	30.00
Bromoform	2.84	ppbv	9.6	30.00
Styrene	3.34	ppbv	28.5	30.00
1,1,2,2-Tetrachloroethane	2.81	ppbv	7.7	30.00
o-Xylene	3.03	ppbv	15.9	30.00
1,3,5-Trimethylbenzene	2.92	ppbv	11.6	30.00
1,2,4-Trimethylbenzene	3.06	ppbv	16.6	30.00
m-Dichlorobenzene	2.89	ppbv	11.0	30.00
p-Dichlorobenzene	2.93	ppbv	12.5	30.00
o-Dichlorobenzene	2.81	ppbv	7.4	30.00
1,2,4-Trichlorobenzene	2.15	ppbv	-20.9	30.00
Hexachloro-1,3-butadiene	2.14	ppbv	-21.1	30.00

Sequence 2204078

Calibration Check (2204078-CCV1)

Prepared & Analyzed: 04/29/22

Acetylene	2.55	ppbv	-2.3	30.00
Propylene	2.49	ppbv	-4.0	30.00
Dichlorodifluoromethane	2.61	ppbv	1.0	30.00
Chloromethane	2.61	ppbv	0.7	30.00
Dichlorotetrafluoroethane	2.63	ppbv	-0.4	30.00
Vinyl chloride	2.65	ppbv	2.2	30.00
1,3-Butadiene	2.73	ppbv	5.4	30.00
Ethylene oxide	2.72	ppbv	12.9	30.00
Bromomethane	2.64	ppbv	1.6	30.00
Chloroethane	2.71	ppbv	3.5	30.00
Acetonitrile	2.89	ppbv	12.2	30.00
Acrolein	3.08	ppbv	18.3	30.00
Trichlorofluoromethane	2.75	ppbv	5.8	30.00
Acrylonitrile	3.15	ppbv	17.1	30.00

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Analyte	Result	Units	% Difference	Limit (%)	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Sequence 2204078

Calibration Check (2204078-CCV1) Continued

Prepared & Analyzed: 04/29/22

1,1-Dichloroethene	2.89	ppbv	10.3	30.00
Dichloromethane	2.66	ppbv	1.3	30.00
Carbon Disulfide	3.13	ppbv	13.4	30.00
Trichlorotrifluoroethane	2.83	ppbv	7.1	30.00
trans-1,2-Dichloroethylene	2.62	ppbv	0.1	30.00
1,1-Dichloroethane	2.54	ppbv	-3.0	30.00
Methyl tert-Butyl Ether	2.87	ppbv	9.9	30.00
Chloroprene	2.61	ppbv	-0.5	30.00
cis-1,2-Dichloroethylene	2.70	ppbv	4.4	30.00
Bromochloromethane	2.73	ppbv	5.3	30.00
Chloroform	2.66	ppbv	0.7	30.00
Ethyl tert-Butyl Ether	3.05	ppbv	17.1	30.00
1,2-Dichloroethane	2.87	ppbv	10.9	30.00
1,1,1-Trichloroethane	2.36	ppbv	-9.4	30.00
Benzene	2.64	ppbv	1.1	30.00
Carbon Tetrachloride	2.44	ppbv	-6.2	30.00
tert-Amyl Methyl Ether	3.07	ppbv	18.4	30.00
1,2-Dichloropropane	2.50	ppbv	-3.5	30.00
Ethyl Acrylate	2.97	ppbv	14.0	30.00
Bromodichloromethane	2.44	ppbv	-6.5	30.00
Trichloroethylene	2.36	ppbv	-9.5	30.00
Methyl Methacrylate	2.90	ppbv	12.1	30.00
cis-1,3-Dichloropropene	2.75	ppbv	5.7	30.00
Methyl Isobutyl Ketone	2.80	ppbv	8.1	30.00
trans-1,3-Dichloropropene	3.08	ppbv	18.1	30.00
1,1,2-Trichloroethane	2.76	ppbv	5.3	30.00
Toluene	2.75	ppbv	5.9	30.00
Dibromochloromethane	2.66	ppbv	2.6	30.00
1,2-Dibromoethane	2.78	ppbv	5.9	30.00
n-Octane	2.54	ppbv	-2.4	30.00
Tetrachloroethylene	2.40	ppbv	-8.8	30.00
Chlorobenzene	2.59	ppbv	-0.9	30.00
Ethylbenzene	2.80	ppbv	7.5	30.00
m,p-Xylene	6.11	ppbv	18.0	30.00

Eastern Research Group

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CERTIFICATE OF ANALYSIS

OECA

2890 Woodbridge Avenue

Edison, NJ 08837

ATTN: Shaun Burke

PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Analyte	Result	Units	% Difference	Limit (%)	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Sequence 2204078

Calibration Check (2204078-CCV1) Continued

Prepared & Analyzed: 04/29/22

Bromoform	2.77	ppbv	6.6	30.00
Styrene	3.14	ppbv	20.8	30.00
1,1,2,2-Tetrachloroethane	2.67	ppbv	2.4	30.00
o-Xylene	2.91	ppbv	11.2	30.00
1,3,5-Trimethylbenzene	2.77	ppbv	5.9	30.00
1,2,4-Trimethylbenzene	2.89	ppbv	10.3	30.00
m-Dichlorobenzene	2.74	ppbv	5.3	30.00
p-Dichlorobenzene	2.77	ppbv	6.7	30.00
o-Dichlorobenzene	2.66	ppbv	1.6	30.00
1,2,4-Trichlorobenzene	2.05	ppbv	-24.3	30.00
Hexachloro-1,3-butadiene	1.98	ppbv	-27.0	30.00



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PHONE: (202) 564-1039 FAX: (732) 321-6616

FILE #: 0453.14.001.120

REPORTED: 06/10/22 10:22

SUBMITTED: 04/19/22 to 04/26/22

AQS SITE CODE:

SITE CODE: GMAP Response

Notes and Definitions

U	Under Detection Limit
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
D	This result obtained by dilution.
CE	Not reportable due to a co-eluting compound.
ND	Analyte NOT DETECTED
NR	Not Reported
MDL	Method Detection Limit
RPD	Relative Percent Difference

Note: This test is accredited under the 2016 TNI Standard; however the following analytes are not accredited: acetylene, bromodichloroethane, dichlorotetrafluoromethane, ethyl tert butyl ether, n-octane, tert amyl methyl ether, trichlorofluoroethane, and bromochloromethane.