



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Final Analytical Report

Site Name.....	IVY CITY TO15
Sample Collection Date(s).....	8/31/2023 - 9/2/2023
Contact.....	Howard Schmidt
Report Date.....	10/03/2023 17:29
Project #.....	NSF 794
Work Order.....	2309001

Analyses included in this report:

VOCs by EPA TO-15, TO-15 list

Approved for Release

Region 3 Laboratory Representative



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: IVY CITY TO15

Project #: NSF 794

Report Narrative

VOC Air Analysis Note:

This report provides reporting units in ug/m3 and ppbv. Slight rounding errors will occur in the Electronic Data Deliverable (EDD).

Initial Calibration: 1,2,4-Trichlorobenzene and Naphthalene were outside the acceptance criteria. All samples are qualified as "UJ" for these analytes.

Secondary Calibration Verification: Methyl tert-Butyl Ether, Vinyl Acetate, and 1,4-Dioxane were below the acceptance criteria. All samples are qualified as "UL" for these analytes.

2309001 Final Report NSF 794 10/03/2023



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: IVY CITY TO15

Project #: NSF 794

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Matrix	Date Sampled Begin	Date Sampled End	Date Received
N-B-0-09012023-30	2309001-01	Air	9/01/23 08:55	09/01/2023 15:13	09/05/2023 11:10
N-C-6-09012023-27	2309001-02	Air	9/01/23 08:24	09/01/2023 16:34	09/05/2023 11:10
N-C-7-09012023-28	2309001-03	Air	9/01/23 08:10	09/01/2023 16:41	09/05/2023 11:10
N-C-8-09012023-29	2309001-04	Air	9/01/23 08:17	09/01/2023 16:30	09/05/2023 11:10
N-C-1-09012023-26	2309001-05	Air	9/01/23 08:05	09/01/2023 16:39	09/05/2023 11:10
P-B-0-08312023-25	2309001-06	Air	8/31/23 09:26	08/31/2023 17:41	09/05/2023 11:10
P-C-6-08312023-21	2309001-07	Air	8/31/23 08:38	08/31/2023 15:57	09/05/2023 11:10
P-C-7-08312023-22	2309001-08	Air	8/31/23 08:22	08/31/2023 16:09	09/05/2023 11:10
P-C-9-08312023-24	2309001-09	Air	8/31/23 08:47	08/31/2023 16:17	09/05/2023 11:10
P-R-1-08312023-19	2309001-10	Air	8/31/23 08:15	08/31/2023 16:02	09/05/2023 11:10
P-R-1-08312023-20A	2309001-11	Air	8/31/23 08:15	08/31/2023 16:02	09/05/2023 11:10
W-B-0-09022023-36	2309001-12	Air	9/02/23 08:51	09/02/2023 16:44	09/05/2023 11:10
W-C-6-09022023-32	2309001-13	Air	9/02/23 08:12	09/02/2023 15:58	09/05/2023 11:10
W-C-8-09022023-34	2309001-14	Air	9/02/23 08:06	09/02/2023 15:54	09/05/2023 11:10
W-C-9-09022023-35	2309001-15	Air	9/02/23 08:22	09/02/2023 16:08	09/05/2023 11:10
W-R-1-09022023-31	2309001-16	Air	9/02/23 08:16	09/02/2023 16:02	09/05/2023 11:10

USEPA R3 -6

DateShipped: 9/5/2023

CarrierName: -6

AirbillNo: -6

CHAIN OF CUSTODY RECORD -6

Site #: 000

Contact Name: Howard Schmidt

Contact Phone: 215-814-2133 -6

No: 09052023

Lab: EPA R3 Lab -6

Lab Contact: Adam Molnar -6

Lab Phone: 410-305-2676 -6

ab #	Sample #	ocation	Analyses	atrix	Sample Date	Start Flow Rate	Start Pressure -6	Stop Pressure	Volume	Start_Time	Stop_Time	
✓	N-B-0-09012023-30-6	0-6	VOCs -6	Air -6	9/1/2023 -6	11.3 -6	29.5-6	1.5-6	3458.7 -6	8:55:00 AM -6	3:13:00 PM -6	230901-01
✓	N-C-6-09012023-27-6	6-6	VOCs -6	Air	9/1/2023 -6	10.6 -6	29.6	1.6-6	5145 -6	8:24:00 AM -6	4:34:00 PM -6	230901-02
✓	N-C-7-09012023-28-6	7-6	VOCs -6	Air -6	9/1/2023 -6	10.6 -6	30-6	-3-6	5493.25 -6	8:10:00 AM -6	4:41:00 PM -6	230901-03
✓	N-C-8-09012023-29-6	8-6	VOCs -6	Air -6	9/1/2023 -6	11.3 -6	30	-5-6	5373.7 -6	8:17:00 AM -6	4:30:00 PM -6	-04
✓	N-R-1-09012023-26-6	1-6	VOCs -6	Air	9/1/2023 -6	10.6 -6	30-6	-4	5525.5 -6	8:05:00 AM -6	4:39:00 PM -6	-05
✓	P-B-0-08312023-25-6	0-6	VOCs -6	Air -6	8/31/2023 -6	10.2 -6	30-6	0-6	5049 -6	9:26:00 AM -6	5:41:00 PM -6	-06
✓	P-C-6-08312023-21-6	6-6	VOCs -6	Air -6	8/31/2023 -6	11.4 -6	27-6	-5.5-6	5004.6 -6	8:38:00 AM -6	3:57:00 PM -6	-07
✓	P-C-7-08312023-22-6	7-6	VOCs -6	Air -6	8/31/2023 -6	10.6 -6	30-6		5043.6 -6	22:00 AM	4:09:00 PM -6	-08
✓	P-C-9-08312023-24-6	9-6	VOCs -6	Air -6	8/31/2023 -6	11.2 -6	30-6		5107.5	47:00 AM	4:17:00 PM -6	-09
✓	P-R-1-08312023-19-6	1-6	VOCs -6	Air	8/31/2023 -6	10.7 -6	30-6	7-6	4693.35 -6	15:00 AM	4:02:00 PM -6	-10
✓	P-R-1-08312023-20A-6	1-6	VOCs -6	Air -6	8/31/2023 -6	11 -6	30-6	-7-6	5066.95 -6	8:15:00 AM -6	4:02:00 PM -6	-11
✓	W-B-0-09022023-36-6	0-6	VOCs -6	Air -6	9/2/2023 -6	10.5 -6	-30-6	-6-6	5226.65 -6	8:51:00 AM -6	4:44:00 PM -6	-12
✓	W-C-6-09022023-32-6	6-6	VOCs -6	Air -6	9/2/2023 -6	10.6 -6	-30-6	-2.5-6	4683.3 -6	8:12:00 AM -6	3:58:00 PM -6	-13-6
✓	W-C-7-09022023-34-6	8-6	VOCs -6	Air -6	9/2/2023 -6	9.9 -6	-30-6		4024.8 -6	10:06:00 AM	3:54:00 PM -6	-14
✓	W-C-9-09022023-35-6	9-6	VOCs -6	Air -6	9/2/2023 -6	11-6	29.5-6	18-6	5359 -6	8:22:00 AM -6	4:08:00 PM -6	-15
✓	W-R-1-09022023-31-6	1-6	VOCs -6	Air	9/2/2023 -6	10.5 -6	30-6	-7-6	5056.1 -6	8:16:00 AM -6	4:02:00 PM -6	-16

Special Instructions: all samples from Trip 2 delivered by hand -6

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY # -6

Items/Reason -6	Relinquished by (Signature and Organization) -6	Date/Time -6	-6 Received by (Signature and Organization) -6	Date/Time -6	Sample Condition Upon Receipt -6
TO-15/411		9-5-23 11:10	Adam Molnar, EPA	9-5-23/11:10 AM	intact
					9-5-23-6



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**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** N-B-0-09012023-30**Lab ID:** 2309001-01**Sample Matrix:** Air**Date Collected:** 09/01/2023

Volatile Organic Compounds
Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	7.5	3.1	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Benzene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Chloromethane	1.1	0.5	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/07/2023 14:35	TO-15/R3QA230
Ethanol	8.1	4.2	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230



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**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** N-B-0-09012023-30**Lab ID:** 2309001-01**Sample Matrix:** Air**Date Collected:** 09/01/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Heptane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Hexane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Isopropyl alcohol	1.5	0.6	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/07/2023 14:35	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/07/2023 14:35	TO-15/R3QA230
Propylene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Styrene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Tetrahydrofuran	2.0	0.7	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Toluene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/07/2023 14:35	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/07/2023 14:35	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/07/2023 14:35	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/07/2023 14:35	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 10.0 100 % 80-120 09/07/2023 13:09 09/07/2023 14:35 TO-15/R3QA230



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Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** N-C-6-09012023-27**Lab ID:** 2309001-02**Sample Matrix:** Air**Date Collected:** 09/01/2023

Volatile Organic Compounds
Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	9.8	4.1	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Benzene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Chloromethane	1.2	0.6	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/07/2023 15:30	TO-15/R3QA230
Ethanol	17.9	9.4	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230



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701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** N-C-6-09012023-27**Lab ID:** 2309001-02**Sample Matrix:** Air**Date Collected:** 09/01/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Heptane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Hexane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Isopropyl alcohol	1.8	0.7	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/07/2023 15:30	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/07/2023 15:30	TO-15/R3QA230
Propylene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Styrene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Tetrahydrofuran	3.2	1.1	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Toluene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/07/2023 15:30	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/07/2023 15:30	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/07/2023 15:30	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/07/2023 15:30	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 10.1 101 % 80-120 09/07/2023 13:09 09/07/2023 15:30 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** N-C-7-09012023-28**Lab ID:** 2309001-03**Sample Matrix:** Air**Date Collected:** 09/01/2023

Volatile Organic Compounds
Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	8.5	3.5	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Benzene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Chloromethane	1.1	0.5	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/08/2023 14:21	TO-15/R3QA230
Ethanol	12.2	6.4	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** N-C-7-09012023-28**Lab ID:** 2309001-03**Sample Matrix:** Air**Date Collected:** 09/01/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Heptane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Hexane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Isopropyl alcohol	2.9	1.2	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/08/2023 14:21	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/08/2023 14:21	TO-15/R3QA230
Propylene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Styrene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Tetrahydrofuran	5.7	1.9	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Toluene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/08/2023 14:21	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/08/2023 14:21	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/08/2023 14:21	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/08/2023 14:21	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 9.81 98 % 80-120 09/08/2023 13:09 09/08/2023 14:21 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** N-C-8-09012023-29**Lab ID:** 2309001-04**Sample Matrix:** Air**Date Collected:** 09/01/2023

**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	9.2	3.8	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Benzene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Chloromethane	1.1	0.5	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/07/2023 16:24	TO-15/R3QA230
Ethanol	23.8	12.5	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** N-C-8-09012023-29**Lab ID:** 2309001-04**Sample Matrix:** Air**Date Collected:** 09/01/2023

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Heptane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Hexane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Isopropyl alcohol	1.7	0.7	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/07/2023 16:24	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/07/2023 16:24	TO-15/R3QA230
Propylene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Styrene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Tetrahydrofuran	2.4	0.8	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Toluene	2.0	0.5	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/07/2023 16:24	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/07/2023 16:24	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/07/2023 16:24	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/07/2023 16:24	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: IVY CITY TO15

Project #: NSF 794

Station ID: N-C-8-09012023-29

Lab ID: 2309001-04

Sample Matrix: Air

Date Collected: 09/01/2023

Volatile Organic Compounds

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate: 4-Bromofluorobenzene	10.1		101 %	80-120	09/07/2023 13:09	09/07/2023 16:24	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** N-C-1-09012023-26**Lab ID:** 2309001-05**Sample Matrix:** Air**Date Collected:** 09/01/2023**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	8.0	3.3	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Benzene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Chloromethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/07/2023 17:17	TO-15/R3QA230
Ethanol	9.0	4.8	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Freon 113	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** N-C-1-09012023-26**Lab ID:** 2309001-05**Sample Matrix:** Air**Date Collected:** 09/01/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Heptane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Hexane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Isopropyl alcohol	2.3	0.9	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/07/2023 17:17	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/07/2023 17:17	TO-15/R3QA230
Propylene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Styrene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Tetrahydrofuran	4.7	1.6	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Toluene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/07/2023 17:17	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/07/2023 17:17	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/07/2023 17:17	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/07/2023 17:17	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 9.95 100 % 80-120 09/07/2023 13:09 09/07/2023 17:17 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-B-0-08312023-25**Lab ID:** 2309001-06**Sample Matrix:** Air**Date Collected:** 08/31/2023

Volatile Organic Compounds
Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	9.2	3.8	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Benzene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Chloromethane	1.1	0.5	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/07/2023 18:10	TO-15/R3QA230
Ethanol	9.0	4.7	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
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**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-B-0-08312023-25**Lab ID:** 2309001-06**Sample Matrix:** Air**Date Collected:** 08/31/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Heptane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Hexane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Isopropyl alcohol	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/07/2023 18:10	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/07/2023 18:10	TO-15/R3QA230
Propylene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Styrene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Tetrahydrofuran	2.6	0.9	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Toluene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/07/2023 18:10	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/07/2023 18:10	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/07/2023 18:10	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/07/2023 18:10	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 9.94 99 % 80-120 09/07/2023 13:09 09/07/2023 18:10 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
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**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-C-6-08312023-21**Lab ID:** 2309001-07**Sample Matrix:** Air**Date Collected:** 08/31/2023

**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	10.9	4.6	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Benzene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Chloromethane	1.1	0.6	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/07/2023 19:04	TO-15/R3QA230
Ethanol	7.1	3.7	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
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Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-C-6-08312023-21**Lab ID:** 2309001-07**Sample Matrix:** Air**Date Collected:** 08/31/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Heptane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Hexane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Isopropyl alcohol	1.5	0.6	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/07/2023 19:04	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/07/2023 19:04	TO-15/R3QA230
Propylene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Styrene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Tetrahydrofuran	14.4	4.8	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Toluene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/07/2023 19:04	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/07/2023 19:04	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/07/2023 19:04	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/07/2023 19:04	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 10.0 100 % 80-120 09/07/2023 13:09 09/07/2023 19:04 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
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701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-C-7-08312023-22**Lab ID:** 2309001-08**Sample Matrix:** Air**Date Collected:** 08/31/2023

Volatile Organic Compounds
Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	10.7	4.5	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Benzene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Chloromethane	1.1	0.5	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/08/2023 15:16	TO-15/R3QA230
Ethanol	15.0	7.9	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-C-7-08312023-22**Lab ID:** 2309001-08**Sample Matrix:** Air**Date Collected:** 08/31/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Heptane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Hexane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Isopropyl alcohol	7.0	2.8	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/08/2023 15:16	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/08/2023 15:16	TO-15/R3QA230
Propylene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Styrene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Tetrahydrofuran	15.6	5.2	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Toluene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/08/2023 15:16	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/08/2023 15:16	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/08/2023 15:16	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/08/2023 15:16	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 9.84 98 % 80-120 09/08/2023 13:09 09/08/2023 15:16 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-C-9-08312023-24**Lab ID:** 2309001-09**Sample Matrix:** Air**Date Collected:** 08/31/2023**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	8.4	3.5	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Benzene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Chloromethane	1.1	0.5	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/07/2023 20:00	TO-15/R3QA230
Ethanol	8.7	4.6	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
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**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-C-9-08312023-24**Lab ID:** 2309001-09**Sample Matrix:** Air**Date Collected:** 08/31/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Heptane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Hexane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Isopropyl alcohol	2.3	0.9	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/07/2023 20:00	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/07/2023 20:00	TO-15/R3QA230
Propylene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Styrene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Tetrahydrofuran	19.2	6.4	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Toluene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/07/2023 20:00	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/07/2023 20:00	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/07/2023 20:00	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/07/2023 20:00	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 10.0 100 % 80-120 09/07/2023 13:09 09/07/2023 20:00 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
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Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-R-1-08312023-19**Lab ID:** 2309001-10**Sample Matrix:** Air**Date Collected:** 08/31/2023

Volatile Organic Compounds
Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	13.8	5.8	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Benzene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Chloromethane	1.2	0.6	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/07/2023 20:53	TO-15/R3QA230
Ethanol	17.0	9.0	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
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701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-R-1-08312023-19**Lab ID:** 2309001-10**Sample Matrix:** Air**Date Collected:** 08/31/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Heptane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Hexane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Isopropyl alcohol	4.6	1.8	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/07/2023 20:53	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/07/2023 20:53	TO-15/R3QA230
Propylene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Styrene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Tetrahydrofuran	13.7	4.6	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Toluene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/07/2023 20:53	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/07/2023 20:53	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/07/2023 20:53	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/07/2023 20:53	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 9.98 100 % 80-120 09/07/2023 13:09 09/07/2023 20:53 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-R-1-08312023-20A**Lab ID:** 2309001-11**Sample Matrix:** Air**Date Collected:** 08/31/2023**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	8.4	3.5	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Benzene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Chloromethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/07/2023 21:49	TO-15/R3QA230
Ethanol	12.0	6.3	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Freon 113	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** P-R-1-08312023-20A**Lab ID:** 2309001-11**Sample Matrix:** Air**Date Collected:** 08/31/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Heptane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Hexane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Isopropyl alcohol	5.1	2.0	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/07/2023 21:49	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/07/2023 21:49	TO-15/R3QA230
Propylene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Styrene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Tetrahydrofuran	10.3	3.5	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Toluene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/07/2023 21:49	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/07/2023 21:49	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/07/2023 21:49	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/07/2023 21:49	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 10.0 100 % 80-120 09/07/2023 13:09 09/07/2023 21:49 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** W-B-0-09022023-36**Lab ID:** 2309001-12**Sample Matrix:** Air**Date Collected:** 09/02/2023

**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	9.4	3.9	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Benzene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Chloromethane	1.1	0.5	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/07/2023 22:44	TO-15/R3QA230
Ethanol	5.6	3.0	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** W-B-0-09022023-36**Lab ID:** 2309001-12**Sample Matrix:** Air**Date Collected:** 09/02/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Heptane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Hexane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Isopropyl alcohol	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/07/2023 22:44	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/07/2023 22:44	TO-15/R3QA230
Propylene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Styrene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Toluene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/07/2023 22:44	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/07/2023 22:44	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/07/2023 22:44	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/07/2023 22:44	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 9.95 100 % 80-120 09/07/2023 13:09 09/07/2023 22:44 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** W-C-6-09022023-32**Lab ID:** 2309001-13**Sample Matrix:** Air**Date Collected:** 09/02/2023**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	7.7	3.2	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Benzene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Chloromethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/07/2023 23:37	TO-15/R3QA230
Ethanol	21.6	11.4	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Freon 113	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** W-C-6-09022023-32**Lab ID:** 2309001-13**Sample Matrix:** Air**Date Collected:** 09/02/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Heptane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Hexane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Isopropyl alcohol	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/07/2023 23:37	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/07/2023 23:37	TO-15/R3QA230
Propylene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Styrene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Toluene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/07/2023 23:37	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/07/2023 23:37	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/07/2023 23:37	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/07/2023 23:37	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 9.89 99 % 80-120 09/07/2023 13:09 09/07/2023 23:37 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** W-C-8-09022023-34**Lab ID:** 2309001-14**Sample Matrix:** Air**Date Collected:** 09/02/2023**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	8.4	3.5	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Benzene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Chloromethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/08/2023 00:37	TO-15/R3QA230
Ethanol	11.1	5.9	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Freon 113	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** W-C-8-09022023-34**Lab ID:** 2309001-14**Sample Matrix:** Air**Date Collected:** 09/02/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Heptane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Hexane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Isopropyl alcohol	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/08/2023 00:37	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/08/2023 00:37	TO-15/R3QA230
Propylene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Styrene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Toluene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/08/2023 00:37	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/08/2023 00:37	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/08/2023 00:37	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/08/2023 00:37	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 10.2 102 % 80-120 09/07/2023 13:09 09/08/2023 00:37 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** W-C-9-09022023-35**Lab ID:** 2309001-15**Sample Matrix:** Air**Date Collected:** 09/02/2023**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	6.6	2.8	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Benzene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Chloromethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/08/2023 01:32	TO-15/R3QA230
Ethanol	28.3	14.9	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Freon 113	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** W-C-9-09022023-35**Lab ID:** 2309001-15**Sample Matrix:** Air**Date Collected:** 09/02/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Heptane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Hexane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Isopropyl alcohol	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/08/2023 01:32	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/08/2023 01:32	TO-15/R3QA230
Propylene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Styrene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Tetrahydrofuran	2.0	0.7	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Toluene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/08/2023 01:32	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/08/2023 01:32	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/08/2023 01:32	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/08/2023 01:32	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 10.0 100 % 80-120 09/07/2023 13:09 09/08/2023 01:32 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** W-R-1-09022023-31**Lab ID:** 2309001-16**Sample Matrix:** Air**Date Collected:** 09/02/2023**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	8.4	3.5	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Acrolein	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Benzene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Bromoform	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Bromomethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
2-Butanone	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Chloroethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Chloroform	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Chloromethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Dichlorodifluoromethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,4-Dioxane	U	U	0.5	UL	1	09/08/2023 02:28	TO-15/R3QA230
Ethanol	6.8	3.6	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Freon 113	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** IVY CITY TO15**Project #:** NSF 794**Station ID:** W-R-1-09022023-31**Lab ID:** 2309001-16**Sample Matrix:** Air**Date Collected:** 09/02/2023**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Heptane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Hexane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Isopropyl alcohol	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5	UL	1	09/08/2023 02:28	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	09/08/2023 02:28	TO-15/R3QA230
Propylene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Styrene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Toluene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	09/08/2023 02:28	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Trichlorofluoromethane	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
Vinyl acetate	U	U	0.5	UL	1	09/08/2023 02:28	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	09/08/2023 02:28	TO-15/R3QA230
o-Xylene	U	U	0.5		1	09/08/2023 02:28	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: 4-Bromofluorobenzene 10.0 100 % 80-120 09/07/2023 13:09 09/08/2023 02:28 TO-15/R3QA230



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Site Name: IVY CITY TO15

Project #: NSF 794

Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-01					
Station ID:	N-B-0-09012023-30					
Sample Matrix:	Air					
Collected:	09/01/2023					
NA	None Detected	0.0			09/07/2023 14:35	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-02					
Station ID:	N-C-6-09012023-27					
Sample Matrix:	Air					
Collected:	09/01/2023					
NA	None Detected	0.0			09/07/2023 15:30	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-03					
Station ID:	N-C-7-09012023-28					
Sample Matrix:	Air					
Collected:	09/01/2023					
NA	None Detected	0.0			09/08/2023 14:21	TO-15/R3QA230



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Project #: NSF 794

Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2309001-04						
Station ID: N-C-8-09012023-29						
Sample Matrix: Air						
Collected: 09/01/2023						
78-78-4	Butane, 2-methyl-	1.5	T	6.68	09/07/2023 16:24	TO-15/R3QA230
109-66-0	Pentane	2.2	T	7.34	09/07/2023 16:24	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2309001-05						
Station ID: N-C-1-09012023-26						
Sample Matrix: Air						
Collected: 09/01/2023						
NA	None Detected	0.0			09/07/2023 17:17	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2309001-06						
Station ID: P-B-0-08312023-25						
Sample Matrix: Air						
Collected: 08/31/2023						
NA	None Detected	0.0			09/07/2023 18:10	TO-15/R3QA230



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Tentatively Identified Compound (TIC) Report Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-07					
Station ID:	P-C-6-08312023-21					
Sample Matrix:	Air					
Collected:	08/31/2023					
NA	None Detected	0.0			09/07/2023 19:04	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-08					
Station ID:	P-C-7-08312023-22					
Sample Matrix:	Air					
Collected:	08/31/2023					
NA	None Detected	0.0			09/08/2023 15:16	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-09					
Station ID:	P-C-9-08312023-24					
Sample Matrix:	Air					
Collected:	08/31/2023					
NA	None Detected	0.0			09/07/2023 20:00	TO-15/R3QA230



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Tentatively Identified Compound (TIC) Report Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-10					
Station ID:	P-R-1-08312023-19					
Sample Matrix:	Air					
Collected:	08/31/2023					
NA	None Detected	0.0			09/07/2023 20:53	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-11					
Station ID:	P-R-1-08312023-20A					
Sample Matrix:	Air					
Collected:	08/31/2023					
NA	None Reported	0.0			09/07/2023 21:49	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-12					
Station ID:	W-B-0-09022023-36					
Sample Matrix:	Air					
Collected:	09/02/2023					
NA	None Detected	0.0			09/07/2023 22:44	TO-15/R3QA230



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Project #: NSF 794

Tentatively Identified Compound (TIC) Report Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-13					
Station ID:	W-C-6-09022023-32					
Sample Matrix:	Air					
Collected:	09/02/2023					
NA	None Detected	0.0			09/07/2023 23:37	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-14					
Station ID:	W-C-8-09022023-34					
Sample Matrix:	Air					
Collected:	09/02/2023					
NA	None Detected	0.0			09/08/2023 00:37	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-15					
Station ID:	W-C-9-09022023-35					
Sample Matrix:	Air					
Collected:	09/02/2023					
NA	None Detected	0.0			09/08/2023 01:32	TO-15/R3QA230



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Project #: NSF 794

Tentatively Identified Compound (TIC) Report
Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2309001-16					
Station ID:	W-R-1-09022023-31					
Sample Matrix:	Air					
Collected:	09/02/2023					
NA	None Detected	0.0			09/08/2023 02:28	TO-15/R3QA230



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Project #: NSF 794

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BI30803 - TO-15 Air

Blank (BI30803-BLK1)

Prepared & Analyzed: 09/07/2023 13:42

Acetone	U	0.5	ppbv
Acrolein	U	0.5	"
Benzene	U	0.5	"
Benzyl chloride	U	0.5	"
Bromodichloromethane	U	0.5	"
Bromoform	U	0.5	"
Bromomethane	U	0.5	"
1,3-Butadiene	U	0.5	"
2-Butanone	U	0.5	"
Carbon disulfide	U	0.5	"
Carbon Tetrachloride	U	0.5	"
Chlorobenzene	U	0.5	"
Chloroethane	U	0.5	"
Chloroform	U	0.5	"
Chloromethane	U	0.5	"
Cyclohexane	U	0.5	"
Dibromochloromethane	U	0.5	"
1,2-Dibromoethane (EDB)	U	0.5	"
1,2-Dichlorobenzene	U	0.5	"
1,3-Dichlorobenzene	U	0.5	"
1,4-Dichlorobenzene	U	0.5	"
Dichlorodifluoromethane	U	0.5	"
1,1-Dichloroethane	U	0.5	"
1,2-Dichloroethane	U	0.5	"
1,1-Dichloroethene	U	0.5	"
cis-1,2-Dichloroethene	U	0.5	"
trans-1,2-Dichloroethene	U	0.5	"
1,2-Dichloropropane	U	0.5	"
cis-1,3-Dichloropropene	U	0.5	"
trans-1,3-Dichloropropene	U	0.5	"
Dichlorotetrafluoroethane	U	0.5	"
1,4-Dioxane	U	0.5	"
Ethanol	U	0.5	"
Ethyl Acetate	U	0.5	"
Ethylbenzene	U	0.5	"
4-Ethyltoluene	U	0.5	"
Freon 113	U	0.5	"
Heptane	U	0.5	"
Hexachlorobutadiene	U	0.5	"
Hexane	U	0.5	"
2-Hexanone	U	0.5	"



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QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BI30803 - TO-15 Air

Blank (BI30803-BLK1)

Prepared & Analyzed: 09/07/2023 13:42

Isopropyl alcohol	U	0.5	ppbv							
Methyl Methacrylate	U	0.5	"							
Methyl tert-Butyl Ether	U	0.5	"							
4-Methyl-2-pentanone	U	0.5	"							
Methylene Chloride	U	0.5	"							
Naphthalene	U	0.5	"							
Propylene	U	0.5	"							
Styrene	U	0.5	"							
1,1,2,2-Tetrachloroethane	U	0.5	"							
Tetrachloroethene	U	0.5	"							
Tetrahydrofuran	U	0.5	"							
Toluene	U	0.5	"							
1,2,4-Trichlorobenzene	U	0.5	"							
1,1,1-Trichloroethane	U	0.5	"							
1,1,2-Trichloroethane	U	0.5	"							
Trichloroethene	U	0.5	"							
Trichlorofluoromethane	U	0.5	"							
1,2,4-Trimethylbenzene	U	0.5	"							
1,3,5-Trimethylbenzene	U	0.5	"							
Vinyl acetate	U	0.5	"							
Vinyl chloride	U	0.5	"							
m,p-Xylene	U	1.0	"							
o-Xylene	U	0.5	"							
Surrogate: 4-Bromofluorobenzene	9.65		"	10.000		96	80-120			

Blank (BI30803-BLK2)

Prepared & Analyzed: 09/08/2023 13:28

Acetone	U	0.5	ppbv							
Acrolein	U	0.5	"							
Benzene	U	0.5	"							
Benzyl chloride	U	0.5	"							
Bromodichloromethane	U	0.5	"							
Bromoform	U	0.5	"							
Bromomethane	U	0.5	"							
1,3-Butadiene	U	0.5	"							
2-Butanone	U	0.5	"							
Carbon disulfide	U	0.5	"							
Carbon Tetrachloride	U	0.5	"							
Chlorobenzene	U	0.5	"							
Chloroethane	U	0.5	"							
Chloroform	U	0.5	"							
Chloromethane	U	0.5	"							



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Site Name: IVY CITY TO15

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QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BI30803 - TO-15 Air

Blank (BI30803-BLK2)

Prepared & Analyzed: 09/08/2023 13:28

Cyclohexane	U	0.5	ppbv
Dibromochloromethane	U	0.5	"
1,2-Dibromoethane (EDB)	U	0.5	"
1,2-Dichlorobenzene	U	0.5	"
1,3-Dichlorobenzene	U	0.5	"
1,4-Dichlorobenzene	U	0.5	"
Dichlorodifluoromethane	U	0.5	"
1,1-Dichloroethane	U	0.5	"
1,2-Dichloroethane	U	0.5	"
1,1-Dichloroethene	U	0.5	"
cis-1,2-Dichloroethene	U	0.5	"
trans-1,2-Dichloroethene	U	0.5	"
1,2-Dichloropropane	U	0.5	"
cis-1,3-Dichloropropene	U	0.5	"
trans-1,3-Dichloropropene	U	0.5	"
Dichlorotetrafluoroethane	U	0.5	"
1,4-Dioxane	U	0.5	"
Ethanol	U	0.5	"
Ethyl Acetate	U	0.5	"
Ethylbenzene	U	0.5	"
4-Ethyltoluene	U	0.5	"
Freon 113	U	0.5	"
Heptane	U	0.5	"
Hexachlorobutadiene	U	0.5	"
Hexane	U	0.5	"
2-Hexanone	U	0.5	"
Isopropyl alcohol	U	0.5	"
Methyl Methacrylate	U	0.5	"
Methyl tert-Butyl Ether	U	0.5	"
4-Methyl-2-pentanone	U	0.5	"
Methylene Chloride	U	0.5	"
Naphthalene	U	0.5	"
Propylene	U	0.5	"
Styrene	U	0.5	"
1,1,2,2-Tetrachloroethane	U	0.5	"
Tetrachloroethene	U	0.5	"
Tetrahydrofuran	U	0.5	"
Toluene	U	0.5	"
1,2,4-Trichlorobenzene	U	0.5	"
1,1,1-Trichloroethane	U	0.5	"
1,1,2-Trichloroethane	U	0.5	"



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QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BI30803 - TO-15 Air

Blank (BI30803-BLK2)

Prepared & Analyzed: 09/08/2023 13:28

Trichloroethene	U	0.5	ppbv							
Trichlorofluoromethane	U	0.5	"							
1,2,4-Trimethylbenzene	U	0.5	"							
1,3,5-Trimethylbenzene	U	0.5	"							
Vinyl acetate	U	0.5	"							
Vinyl chloride	U	0.5	"							
m,p-Xylene	U	1.0	"							
o-Xylene	U	0.5	"							
Surrogate: 4-Bromofluorobenzene	9.64		"	10.000		96	80-120			



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Notes and Definitions

Results apply only to the samples tested as received.

UL	The analyte was not detected. The quantitation limit is probably higher due to indications of a low bias.
UJ	The analyte was not detected at or above the quantitation limit. The quantitation limit is an estimate.
T	Tentatively Identified Compound. Identified as a result of a library search using the EPA/NIST Mass Spectral Library. Standards were not used to verify the identity and quantity of the compound. The reported value is an estimate.
%REC	Percent Recovery
RPD	Relative Percent Difference
U	Analyte included in the analysis, but not detected at or above the quantitation limit.
NR	Not Reported

Quantitation Limit: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis.

SOLID SAMPLE RESULTS - REPORTING PROTOCOL: Solid samples where % Solids (percent dry wt at 105 degrees C) has been performed, are analyzed wet and converted to a dry weight result for reporting purposes. This is routine for organics and most inorganic analyses. When metals and mercury analyses are requested, solid samples are routinely analyzed and reported on a dry weight basis. Solid samples for metals/mercury are prepared for analysis by an initial drying at 60 degree C and homogenization before digestion. Oil-type samples will be analyzed and reported on a wet weight basis for all analyses because of the nature of the sample. Any exceptions to the protocol will be noted with a qualifier