

LAB CHRONICLE

OrderID: Q2553	OrderDate: 7/9/2025 4:20:00 PM
Client: First Environment, Inc.	Project: White Plains Housing Authority - WPHAU006
Contact: Ken Cwieka	Location: A43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2553-01	AOC-201	Water	VOC-TCLVOA-10	8260D	07/09/25		07/10/25	07/09/25
Q2553-02	AOC-202	Water	VOC-TCLVOA-10	8260D	07/09/25		07/10/25	07/09/25
Q2553-03	AOC-203	Water	VOC-TCLVOA-10	8260D	07/09/25		07/10/25	07/09/25
Q2553-04	AOC-205	Water	VOC-TCLVOA-10	8260D	07/09/25		07/10/25	07/09/25
Q2553-05	FB	Water	VOC-TCLVOA-10	8260D	07/09/25		07/14/25	07/09/25
Q2553-06	TB	Water	VOC-TCLVOA-10	8260D	07/09/25		07/10/25	07/09/25

Hit Summary Sheet SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: AOC-201								
Q2553-01	AOC-201	Water	Acetone	8.10	J	1.50	25.0	ug/L
Q2553-01	AOC-201	Water	Carbon Disulfide	0.94	J	0.21	5.00	ug/L
Q2553-01	AOC-201	Water	Cyclohexane	19.5		1.50	5.00	ug/L
Q2553-01	AOC-201	Water	Methylcyclohexane	48.2		0.16	5.00	ug/L
Q2553-01	AOC-201	Water	Ethyl Benzene	33.4		0.13	5.00	ug/L
Q2553-01	AOC-201	Water	m/p-Xylenes	1.20	J	0.24	10.0	ug/L
Q2553-01	AOC-201	Water	o-Xylene	0.34	J	0.12	5.00	ug/L
Q2553-01	AOC-201	Water	Isopropylbenzene	82.8		0.12	5.00	ug/L
Total Voc :				194				
Q2553-01	AOC-201	Water	Benzene, 1,2,4,5-tetramethyl-	* 160	J	0	0	ug/L
Q2553-01	AOC-201	Water	Pentane, 2-methyl-	* 92.1	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 2-propenyl-	* 190	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 1,2,3,4-tetramethyl-	* 200	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 1,2,3-trimethyl-	* 170	J	0	0	ug/L
Q2553-01	AOC-201	Water	Pentane, 2,3-dimethyl-	* 86.1	J	0	0	ug/L
Q2553-01	AOC-201	Water	Hexane, 3-methyl-	* 91.5	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 1-ethyl-2-methyl-	* 150	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 1-ethyl-4-methyl-	* 120	J	0	0	ug/L
Q2553-01	AOC-201	Water	Indan, 1-methyl-	* 190	J	0	0	ug/L
Q2553-01	AOC-201	Water	1H-Indene, 2,3-dihydro-4-meth	* 340	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 4-ethyl-1,2-dimethyl-	* 280	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 2-ethyl-1,4-dimethyl-	* 140	J	0	0	ug/L
Q2553-01	AOC-201	Water	Benzene, 1-ethenyl-4-ethyl-	* 150	J	0	0	ug/L
Q2553-01	AOC-201	Water	n-propylbenzene	* 280	J	0.13	5.00	ug/L
Q2553-01	AOC-201	Water	1,3,5-Trimethylbenzene	* 46.3	J	0.15	5.00	ug/L
Q2553-01	AOC-201	Water	1,2,4-Trimethylbenzene	* 680	J	0.14	5.00	ug/L
Q2553-01	AOC-201	Water	sec-Butylbenzene	* 25.0	J	0.13	5.00	ug/L
Q2553-01	AOC-201	Water	p-Isopropyltoluene	* 7.80	J	0.13	5.00	ug/L
Q2553-01	AOC-201	Water	n-Butylbenzene	* 34.4	J	0.15	5.00	ug/L
Total Tics :				3430				
Total Concentration:				3630				
Client ID: AOC-202								
Q2553-02	AOC-202	Water	Carbon Disulfide	0.39	J	0.21	5.00	ug/L
Q2553-02	AOC-202	Water	Isopropylbenzene	3.20	J	0.12	5.00	ug/L
Total Voc :				3.59				
Q2553-02	AOC-202	Water	Butane, 2,2-dimethyl-	* 7.10	J	0	0	ug/L

Hit Summary Sheet SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2553-02	AOC-202	Water	Butane, 2-methyl-	* 13.1	J	0	0	ug/L
Q2553-02	AOC-202	Water	Butane, 2,3-dimethyl-	* 23.3	J	0	0	ug/L
Q2553-02	AOC-202	Water	Pentane, 3-methyl-	* 15.7	J	0	0	ug/L
Q2553-02	AOC-202	Water	Benzene, 1,4-diethyl-	* 15.4	J	0	0	ug/L
Q2553-02	AOC-202	Water	Cyclopentene, 1,2,3-trimethyl-	* 7.80	J	0	0	ug/L
Q2553-02	AOC-202	Water	Benzene, 1,2,3,5-tetramethyl-	* 18.7	J	0	0	ug/L
Q2553-02	AOC-202	Water	Cyclopentane, 1,1-dimethyl-	* 5.90	J	0	0	ug/L
Q2553-02	AOC-202	Water	Benzene, 1-ethenyl-3-ethyl-	* 10.7	J	0	0	ug/L
Q2553-02	AOC-202	Water	2,2-Dimethylindene, 2,3-dihydri	* 7.40	J	0	0	ug/L
Q2553-02	AOC-202	Water	n-propylbenzene	* 4.20	J	0.13	5.00	ug/L
Q2553-02	AOC-202	Water	tert-Butylbenzene	* 0.38	J	0.14	5.00	ug/L
Q2553-02	AOC-202	Water	1,2,4-Trimethylbenzene	* 1.10	J	0.14	5.00	ug/L
Q2553-02	AOC-202	Water	sec-Butylbenzene	* 2.10	J	0.13	5.00	ug/L
Q2553-02	AOC-202	Water	n-Butylbenzene	* 0.63	J	0.15	5.00	ug/L
Total Tics :				134				
Total Concentration:				137				
Client ID:	AOC-203							
Q2553-03	AOC-203	Water	Cyclohexane	55.7		1.50	5.00	ug/L
Q2553-03	AOC-203	Water	Methylcyclohexane	57.8		0.16	5.00	ug/L
Q2553-03	AOC-203	Water	Benzene	3.30	J	0.15	5.00	ug/L
Q2553-03	AOC-203	Water	Toluene	0.40	J	0.14	5.00	ug/L
Q2553-03	AOC-203	Water	Ethyl Benzene	140		0.13	5.00	ug/L
Q2553-03	AOC-203	Water	m/p-Xylenes	6.50	J	0.24	10.0	ug/L
Q2553-03	AOC-203	Water	Isopropylbenzene	100		0.12	5.00	ug/L
Total Voc :				364				
Q2553-03	AOC-203	Water	Pentane, 3-methyl-	* 64.3	J	0	0	ug/L
Q2553-03	AOC-203	Water	Cyclopentane, methyl-	* 94.3	J	0	0	ug/L
Q2553-03	AOC-203	Water	Pentane, 2-methyl-	* 87.8	J	0	0	ug/L
Q2553-03	AOC-203	Water	Benzene, 1,2,3,4-tetramethyl-	* 130	J	0	0	ug/L
Q2553-03	AOC-203	Water	Indane	* 370	J	0	0	ug/L
Q2553-03	AOC-203	Water	Benzene, 1,2,3-trimethyl-	* 260	J	0	0	ug/L
Q2553-03	AOC-203	Water	Benzene, 1-ethyl-2-methyl-	* 86.6	J	0	0	ug/L
Q2553-03	AOC-203	Water	Benzene, 1-ethyl-4-methyl-	* 95.7	J	0	0	ug/L
Q2553-03	AOC-203	Water	Indan, 1-methyl-	* 130	J	0	0	ug/L
Q2553-03	AOC-203	Water	1H-Indene, 2,3-dihydro-4-meth	* 90.6	J	0	0	ug/L
Q2553-03	AOC-203	Water	1H-Indene, 2,3-dihydro-5-meth	* 220	J	0	0	ug/L
Q2553-03	AOC-203	Water	Benzene, 4-ethyl-1,2-dimethyl-	* 190	J	0	0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2553-03	AOC-203	Water	n-propylbenzene	* 250	J	0.13	5.00	ug/L
Q2553-03	AOC-203	Water	1,3,5-Trimethylbenzene	* 100	J	0.15	5.00	ug/L
Q2553-03	AOC-203	Water	tert-Butylbenzene	* 1.00	J	0.14	5.00	ug/L
Q2553-03	AOC-203	Water	1,2,4-Trimethylbenzene	* 160	J	0.14	5.00	ug/L
Q2553-03	AOC-203	Water	sec-Butylbenzene	* 17.6	J	0.13	5.00	ug/L
Q2553-03	AOC-203	Water	p-Isopropyltoluene	* 2.90	J	0.13	5.00	ug/L
Q2553-03	AOC-203	Water	n-Butylbenzene	* 25.4	J	0.15	5.00	ug/L
			Total Tics :	2380				
			Total Concentration:	2740				
Client ID:	AOC-205							
Q2553-04	AOC-205	Water	Carbon Disulfide	0.44	J	0.21	5.00	ug/L
			Total Voc :	0.44				
Q2553-04	AOC-205	Water	n-propylbenzene	* 0.58	J	0.13	5.00	ug/L
Q2553-04	AOC-205	Water	n-Butylbenzene	* 0.24	J	0.15	5.00	ug/L
			Total Tics :	0.82				
			Total Concentration:	1.26				
Client ID:	FB							
Q2553-05	FB	Water	Acetone	2.20	J	1.50	25.0	ug/L
Q2553-05	FB	Water	Carbon Disulfide	0.89	J	0.21	5.00	ug/L
Q2553-05	FB	Water	Methylene Chloride	0.55	J	0.28	5.00	ug/L
			Total Voc :	3.64				
			Total Concentration:	3.64				



SAMPLE DATA

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046943.D	1	07/10/25 14:43	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	8.10	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.94	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	19.5		1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	48.2		0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046943.D	1	07/10/25 14:43	VX071025

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046943.D	1	07/10/25 14:43	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	92.1	J		2.84	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	86.1	J		5.63	ug/L
000589-34-4	Hexane, 3-methyl-	91.5	J		5.84	ug/L
103-65-1	n-propylbenzene	280	J		11.3	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	150	J		11.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	46.3	J		11.5	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	120	J		11.6	ug/L
95-63-6	1,2,4-Trimethylbenzene	680	J		11.8	ug/L
135-98-8	sec-Butylbenzene	25.0	J		11.9	ug/L
99-87-6	p-Isopropyltoluene	7.80	J		12.0	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	170	J		12.1	ug/L
000300-57-2	Benzene, 2-propenyl-	190	J		12.2	ug/L
104-51-8	n-Butylbenzene	34.4	J		12.3	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	140	J		12.5	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	280	J		12.6	ug/L
000767-58-8	Indan, 1-methyl-	190	J		12.7	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	160	J		12.9	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	200	J		13.0	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	150	J		13.2	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	340	J		13.3	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046944.D	1	07/10/25 15:04	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.39	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046944.D	1	07/10/25 15:04	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	3.20	J	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	46.9		70 (75) - 130 (124)	94%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	457000	5.568			
540-36-3	1,4-Difluorobenzene	803000	6.769			
3114-55-4	Chlorobenzene-d5	753000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	387000	12.018			

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046944.D	1	07/10/25 15:04	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000078-78-4	Butane, 2-methyl-	13.1	J		1.77	ug/L
000075-83-2	Butane, 2,2-dimethyl-	7.10	J		2.36	ug/L
000079-29-8	Butane, 2,3-dimethyl-	23.3	J		2.80	ug/L
000096-14-0	Pentane, 3-methyl-	15.7	J		3.12	ug/L
001638-26-2	Cyclopentane, 1,1-dimethyl-	5.90	J		5.86	ug/L
000473-91-6	Cyclopentene, 1,2,3-trimethyl-	7.80	J		9.16	ug/L
103-65-1	n-propylbenzene	4.20	J		11.3	ug/L
98-06-6	tert-Butylbenzene	0.38	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.10	J		11.8	ug/L
135-98-8	sec-Butylbenzene	2.10	J		11.9	ug/L
000105-05-5	Benzene, 1,4-diethyl-	15.4	J		12.2	ug/L
104-51-8	n-Butylbenzene	0.63	J		12.3	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	10.7	J		12.7	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	18.7	J		12.9	ug/L
020836-11-7	2,2-Dimethylindene, 2,3-dihydro-	7.40	J		13.1	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046945.D	1	07/10/25 15:26	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	55.7		1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	57.8		0.16	5.00	ug/L
71-43-2	Benzene	3.30	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	0.40	J	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046945.D	1	07/10/25 15:26	VX071025

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046945.D	1	07/10/25 15:26	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	87.8	J		2.84	ug/L
000096-14-0	Pentane, 3-methyl-	64.3	J		3.12	ug/L
000096-37-7	Cyclopentane, methyl-	94.3	J		4.32	ug/L
103-65-1	n-propylbenzene	250	J		11.3	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	86.6	J		11.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	100	J		11.5	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	95.7	J		11.6	ug/L
98-06-6	tert-Butylbenzene	1.00	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	160	J		11.8	ug/L
135-98-8	sec-Butylbenzene	17.6	J		11.9	ug/L
99-87-6	p-Isopropyltoluene	2.90	J		12.0	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	260	J		12.1	ug/L
000496-11-7	Indane	370	J		12.2	ug/L
104-51-8	n-Butylbenzene	25.4	J		12.3	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	190	J		12.6	ug/L
000767-58-8	Indan, 1-methyl-	130	J		12.7	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	130	J		12.9	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	90.6	J		13.2	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	220	J		13.3	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046946.D	1	07/10/25 15:47	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.44	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046946.D	1	07/10/25 15:47	VX071025

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046984.D	1	07/14/25 18:56	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	2.20	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.89	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	UQ	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.55	J	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046984.D	1	07/14/25 18:56	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	47.9		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	357000	5.568			
540-36-3	1,4-Difluorobenzene	603000	6.769			
3114-55-4	Chlorobenzene-d5	549000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	281000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	TB	SDG No.:	Q2553
Lab Sample ID:	Q2553-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046939.D	1	07/10/25 13:18	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	TB	SDG No.:	Q2553
Lab Sample ID:	Q2553-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046939.D	1	07/10/25 13:18	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.6		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	50.2		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	354000	5.562			
540-36-3	1,4-Difluorobenzene	643000	6.769			
3114-55-4	Chlorobenzene-d5	599000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	308000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHAU006	Date Received:	07/09/25
Client Sample ID:	TB	SDG No.:	Q2553
Lab Sample ID:	Q2553-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046939.D	1	07/10/25 13:18	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: **Q2553**

Client: **First Environment, Inc.**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2553-01	AOC-201	1,2-Dichloroethane-d4	50	51.4	103		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	49.8	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.4	105		70 (77)	130 (121)
Q2553-02	AOC-202	1,2-Dichloroethane-d4	50	50.4	101		70 (74)	130 (125)
		Dibromofluoromethane	50	46.9	94		70 (75)	130 (124)
		Toluene-d8	50	50.6	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.6	105		70 (77)	130 (121)
Q2553-03	AOC-203	1,2-Dichloroethane-d4	50	49.8	100		70 (74)	130 (125)
		Dibromofluoromethane	50	47.9	96		70 (75)	130 (124)
		Toluene-d8	50	49.9	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.6	101		70 (77)	130 (121)
Q2553-04	AOC-205	1,2-Dichloroethane-d4	50	50.3	101		70 (74)	130 (125)
		Dibromofluoromethane	50	46.5	93		70 (75)	130 (124)
		Toluene-d8	50	49.8	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.9	104		70 (77)	130 (121)
Q2553-05	FB	1,2-Dichloroethane-d4	50	52.6	105		70 (74)	130 (125)
		Dibromofluoromethane	50	48.7	97		70 (75)	130 (124)
		Toluene-d8	50	47.9	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.8	104		70 (77)	130 (121)
Q2553-06	TB	1,2-Dichloroethane-d4	50	54.6	109		70 (74)	130 (125)
		Dibromofluoromethane	50	48.9	98		70 (75)	130 (124)
		Toluene-d8	50	50.2	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.6	103		70 (77)	130 (121)
VX0714WBL01	VX0714WBL01	1,2-Dichloroethane-d4	50	54.0	108		70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102		70 (75)	130 (124)
		Toluene-d8	50	48.7	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.2	104		70 (77)	130 (121)
VX0714WBS01	VX0714WBS01	1,2-Dichloroethane-d4	50	55.5	111		70 (74)	130 (125)
		Dibromofluoromethane	50	53.5	107		70 (75)	130 (124)
		Toluene-d8	50	52.6	105		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.0	110		70 (77)	130 (121)

Surrogate Summary

SDG No.: Q2553

Client: First Environment, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VX0710WBL01	VX0710WBL01	1,2-Dichloroethane-d4	50	56.6	113		70 (74)	130 (125)
		Dibromofluoromethane	50	49.6	99		70 (75)	130 (124)
		Toluene-d8	50	50.8	102		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.5	103		70 (77)	130 (121)
VX0710WBS01	VX0710WBS01	1,2-Dichloroethane-d4	50	51.9	104		70 (74)	130 (125)
		Dibromofluoromethane	50	51.2	102		70 (75)	130 (124)
		Toluene-d8	50	49.9	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.6	105		70 (77)	130 (121)
VX0710WBSD0	VX0710WBSD01	1,2-Dichloroethane-d4	50	52.1	104		70 (74)	130 (125)
		Dibromofluoromethane	50	51.2	102		70 (75)	130 (124)
		Toluene-d8	50	49.6	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.7	105		70 (77)	130 (121)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2553</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>First Environment, Inc.</u>	Datafile :	<u>VX046936.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0710WBS01	Dichlorodifluoromethane	20	18.6	ug/L	93			40 (69)	160 (116)	
	Chloromethane	20	18.8	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	18.3	ug/L	92			70 (65)	130 (117)	
	Bromomethane	20	19.2	ug/L	96			40 (58)	160 (125)	
	Chloroethane	20	18.1	ug/L	91			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.4	ug/L	97			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.2	ug/L	91			70 (74)	130 (110)	
	Acetone	100	96.3	ug/L	96			40 (60)	160 (125)	
	Carbon disulfide	20	16.9	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	20.0	ug/L	100			70 (78)	130 (114)	
	Methyl Acetate	20	23.0	ug/L	115			70 (67)	130 (125)	
	Methylene Chloride	20	20.6	ug/L	103			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.4	ug/L	97			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.9	ug/L	100			70 (78)	130 (112)	
	Cyclohexane	20	18.8	ug/L	94			70 (75)	130 (110)	
	2-Butanone	100	100	ug/L	100			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.5	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.4	ug/L	97			70 (77)	130 (110)	
	Bromochloromethane	20	21.7	ug/L	109			70 (70)	130 (124)	
	Chloroform	20	19.7	ug/L	99			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.3	ug/L	97			70 (80)	130 (108)	
	Methylcyclohexane	20	17.8	ug/L	89			70 (72)	130 (115)	
	Benzene	20	19.1	ug/L	96			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.0	ug/L	100			70 (80)	130 (115)	
	Trichloroethene	20	18.3	ug/L	92			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.5	ug/L	98			70 (83)	130 (111)	
	Bromodichloromethane	20	19.4	ug/L	97			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	19.7	ug/L	99			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.1	ug/L	96			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.3	ug/L	97			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.5	ug/L	103			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	19.9	ug/L	100			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.2	ug/L	101			70 (81)	130 (110)	
	Tetrachloroethene	20	18.4	ug/L	92			70 (67)	130 (123)	
	Chlorobenzene	20	19.2	ug/L	96			70 (82)	130 (109)	
	Ethyl Benzene	20	19.3	ug/L	97			70 (83)	130 (109)	
	m/p-Xylenes	40	38.5	ug/L	96			70 (82)	130 (110)	
	o-Xylene	20	19.1	ug/L	96			70 (83)	130 (109)	
	Styrene	20	19.7	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	19.4	ug/L	97			70 (79)	130 (109)	
	Isopropylbenzene	20	18.9	ug/L	95			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.5	ug/L	93			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	18.7	ug/L	94			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2553</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>First Environment, Inc.</u>	Datafile :	<u>VX046936.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0710WBS01	1,2-Dibromo-3-Chloropropane	20	19.3	ug/L	97			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.7	ug/L	94			70 (76)	130 (114)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q2553	SW-846		Analytical Method:		SW8260-Low
Client:		First Environment, Inc.	Datafile :		VX046937.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0710WBSD01	Dichlorodifluoromethane	20	17.6	ug/L	88	6		40 (69)	160 (116)	20 (19)
	Chloromethane	20	17.9	ug/L	90	4		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	17.5	ug/L	88	4		70 (65)	130 (117)	20 (19)
	Bromomethane	20	19.1	ug/L	96	0		40 (58)	160 (125)	20 (20)
	Chloroethane	20	17.7	ug/L	89	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	18.8	ug/L	94	3		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.2	ug/L	96	2		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	18.0	ug/L	90	1		70 (74)	130 (110)	20 (20)
	Acetone	100	98.0	ug/L	98	2		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	16.3	ug/L	81	5		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	21.1	ug/L	106	6		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	24.3	ug/L	121	5		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.6	ug/L	103	0		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.5	ug/L	93	4		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.5	ug/L	98	2		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.9	ug/L	95	1		70 (75)	130 (110)	20 (20)
	2-Butanone	100	110	ug/L	110	10		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.5	ug/L	98	0		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.3	ug/L	97	0		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	21.4	ug/L	107	2		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.0	ug/L	100	1		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.5	ug/L	98	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	18.2	ug/L	91	2		70 (72)	130 (115)	20 (20)
	Benzene	20	19.5	ug/L	98	2		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.7	ug/L	104	4		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.7	ug/L	94	2		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	20.3	ug/L	102	4		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	20.4	ug/L	102	5		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	120	ug/L	120	9		40 (74)	160 (118)	20 (25)
	Toluene	20	19.9	ug/L	100	1		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	20.0	ug/L	100	4		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.8	ug/L	99	2		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	21.2	ug/L	106	3		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	20.7	ug/L	104	4		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.8	ug/L	104	3		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.5	ug/L	93	1		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	19.6	ug/L	98	2		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.5	ug/L	98	1		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	39.1	ug/L	98	2		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.2	ug/L	96	0		70 (83)	130 (109)	20 (20)
	Styrene	20	20.1	ug/L	101	2		70 (80)	130 (111)	20 (17)
	Bromoform	20	20.1	ug/L	101	4		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.4	ug/L	97	2		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	20.6	ug/L	103	5		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.8	ug/L	99	4		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	18.8	ug/L	94	1		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	19.5	ug/L	98	4		70 (82)	130 (109)	20 (20)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2553</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>First Environment, Inc.</u>	Datafile :	<u>VX046937.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0710WBSD01	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103	6		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	19.2	ug/L	96	8		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	19.6	ug/L	98	4		70 (76)	130 (114)	20 (29)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q2553	SW-846	Analytical Method:	SW8260D
Client:	First Environment, Inc.	Datafile :	VX046968.D	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0714WBS01	Dichlorodifluoromethane	20	17.0	ug/L	85			40 (69)	160 (116)	
	Chloromethane	20	15.6	ug/L	78			40 (65)	160 (116)	
	Vinyl chloride	20	17.4	ug/L	87			70 (65)	130 (117)	
	Bromomethane	20	17.8	ug/L	89			40 (58)	160 (125)	
	Chloroethane	20	18.3	ug/L	92			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.1	ug/L	91			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			70 (80)	130 (112)	
	1,1-Dichloroethene	20	17.1	ug/L	86			70 (74)	130 (110)	
	Acetone	100	110	ug/L	110			40 (60)	160 (125)	
	Carbon disulfide	20	14.3	ug/L	72			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	22.8	ug/L	114			70 (78)	130 (114)	
	Methyl Acetate	20	30.0	ug/L	150		*	70 (67)	130 (125)	
	Methylene Chloride	20	19.4	ug/L	97			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.7	ug/L	94			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.7	ug/L	99			70 (78)	130 (112)	
	Cyclohexane	20	18.8	ug/L	94			70 (75)	130 (110)	
	2-Butanone	100	140	ug/L	140			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.8	ug/L	94			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.3	ug/L	97			70 (77)	130 (110)	
	Bromochloromethane	20	20.9	ug/L	104			70 (70)	130 (124)	
	Chloroform	20	19.9	ug/L	100			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.9	ug/L	100			70 (80)	130 (108)	
	Methylcyclohexane	20	17.6	ug/L	88			70 (72)	130 (115)	
	Benzene	20	19.2	ug/L	96			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.5	ug/L	103			70 (80)	130 (115)	
	Trichloroethene	20	18.5	ug/L	93			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.8	ug/L	99			70 (83)	130 (111)	
	Bromodichloromethane	20	19.2	ug/L	96			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	140	ug/L	140			40 (74)	160 (118)	
	Toluene	20	19.7	ug/L	99			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.7	ug/L	99			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.6	ug/L	98			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.5	ug/L	108			70 (83)	130 (112)	
	2-Hexanone	100	140	ug/L	140			40 (73)	160 (117)	
	Dibromochloromethane	20	19.3	ug/L	97			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.7	ug/L	104			70 (81)	130 (110)	
	Tetrachloroethene	20	18.4	ug/L	92			70 (67)	130 (123)	
	Chlorobenzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	Ethyl Benzene	20	19.5	ug/L	98			70 (83)	130 (109)	
	m/p-Xylenes	40	39.9	ug/L	100			70 (82)	130 (110)	
	o-Xylene	20	20.2	ug/L	101			70 (83)	130 (109)	
	Styrene	20	20.4	ug/L	102			70 (80)	130 (111)	
	Bromoform	20	20.1	ug/L	101			70 (79)	130 (109)	
	Isopropylbenzene	20	19.7	ug/L	99			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	22.6	ug/L	113			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.7	ug/L	99			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.9	ug/L	95			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2553</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>First Environment, Inc.</u>	Datafile :	<u>VX046968.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0714WBS01	1,2-Dibromo-3-Chloropropane	20	24.8	ug/L	124			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.1	ug/L	96			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	20.0	ug/L	100			70 (76)	130 (114)	

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0710WBL01

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046935.D

Lab Sample ID: VX0710WBL01

Date Analyzed: 07/10/2025

Time Analyzed: 11:44

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0710WBS01	VX0710WBS01	VX046936.D	07/10/2025
VX0710WBSD01	VX0710WBSD01	VX046937.D	07/10/2025
TB	Q2553-06	VX046939.D	07/10/2025
AOC-201	Q2553-01	VX046943.D	07/10/2025
AOC-202	Q2553-02	VX046944.D	07/10/2025
AOC-203	Q2553-03	VX046945.D	07/10/2025
AOC-205	Q2553-04	VX046946.D	07/10/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX0714WBL01

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046963.D

Lab Sample ID: VX0714WBL01

Date Analyzed: 07/14/2025

Time Analyzed: 11:18

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0714WBS01	VX0714WBS01	VX046968.D	07/14/2025
FB	Q2553-05	VX046984.D	07/14/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VX046859.D
Instrument ID: MSVOA_X
GC Column: DB-624UI ID: 0.18 (mm)

Contract: FIRS02
SDG NO.: Q2553
BFB Injection Date: 07/02/2025
BFB Injection Time: 11:12
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	50.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.6 (7.4) 1
176	95.0 - 101.0% of mass 174	73.3 (97.1) 1
177	5.0 - 9.0% of mass 176	4.9 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX046860.D	07/02/2025	12:11
VSTDIC005	VSTDIC005	VX046861.D	07/02/2025	12:37
VSTDIC020	VSTDIC020	VX046862.D	07/02/2025	13:18
VSTDIC050	VSTDIC050	VX046863.D	07/02/2025	13:39
VSTDIC100	VSTDIC100	VX046864.D	07/02/2025	14:10
VSTDIC150	VSTDIC150	VX046865.D	07/02/2025	14:31

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: FIRS02

Lab Code: ACE

SDG NO.: Q2553

Lab File ID: VX046932.D

BFB Injection Date: 07/10/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:43

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.2
75	30.0 - 60.0% of mass 95	52.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.7 (7.6) 1
176	95.0 - 101.0% of mass 174	71.9 (95.2) 1
177	5.0 - 9.0% of mass 176	5.1 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046933.D	07/10/2025	09:54
VX0710WBL01	VX0710WBL01	VX046935.D	07/10/2025	11:44
VX0710WBS01	VX0710WBS01	VX046936.D	07/10/2025	12:10
VX0710WBSD01	VX0710WBSD01	VX046937.D	07/10/2025	12:35
TB	Q2553-06	VX046939.D	07/10/2025	13:18
AOC-201	Q2553-01	VX046943.D	07/10/2025	14:43
AOC-202	Q2553-02	VX046944.D	07/10/2025	15:04
AOC-203	Q2553-03	VX046945.D	07/10/2025	15:26
AOC-205	Q2553-04	VX046946.D	07/10/2025	15:47

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VX046960.D
Instrument ID: MSVOA_X
GC Column: DB-624UI ID: 0.18 (mm)

Contract: FIRS02
SDG NO.: Q2553
BFB Injection Date: 07/14/2025
BFB Injection Time: 08:10
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.8
75	30.0 - 60.0% of mass 95	51.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	75.2
175	5.0 - 9.0% of mass 174	5.4 (7.1) 1
176	95.0 - 101.0% of mass 174	73.8 (98.2) 1
177	5.0 - 9.0% of mass 176	4.8 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046961.D	07/14/2025	09:16
VX0714WBL01	VX0714WBL01	VX046963.D	07/14/2025	11:18
VX0714WBS01	VX0714WBS01	VX046968.D	07/14/2025	13:10
FB	Q2553-05	VX046984.D	07/14/2025	18:56

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: FIRS02
 Lab Code: ACE SDG NO.: Q2553
 Lab File ID: VX046933.D Date Analyzed: 07/10/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:54
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	309661	5.56	506196	6.76	449744	10.05
UPPER LIMIT	619322	6.056	1012390	7.263	899488	10.549
LOWER LIMIT	154831	5.056	253098	6.263	224872	9.549
EPA SAMPLE NO.						
AOC-201	320576	5.56	555832	6.77	518959	10.06
AOC-202	457019	5.57	802756	6.77	753351	10.06
AOC-203	394931	5.56	673452	6.77	623779	10.06
AOC-205	431287	5.56	760941	6.77	704204	10.06
TB	354436	5.56	642674	6.77	599480	10.06
VX0710WBL01	311309	5.56	568946	6.76	543608	10.06
VX0710WBS01	342120	5.56	567066	6.76	521192	10.06
VX0710WBSD01	319533	5.56	525170	6.76	482068	10.06

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: FIRS02
 Lab Code: ACE SDG NO.: Q2553
 Lab File ID: VX046933.D Date Analyzed: 07/10/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:54
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	231018	12.018				
UPPER LIMIT	462036	12.518				
LOWER LIMIT	115509	11.518				
EPA SAMPLE NO.						
AOC-201	227982	12.02				
AOC-202	386856	12.02				
AOC-203	297586	12.02				
AOC-205	362481	12.02				
TB	308124	12.02				
VX0710WBL01	271904	12.02				
VX0710WBS01	270401	12.02				
VX0710WBSD01	249133	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: FIRS02
 Lab Code: ACE SDG NO.: Q2553
 Lab File ID: VX046961.D Date Analyzed: 07/14/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:16
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	302863	5.56	503750	6.76	451308	10.05
UPPER LIMIT	605726	6.056	1007500	7.263	902616	10.549
LOWER LIMIT	151432	5.056	251875	6.263	225654	9.549
EPA SAMPLE NO.						
FB	356948	5.57	602998	6.77	548783	10.06
VX0714WBL01	330854	5.56	558126	6.77	513014	10.06
VX0714WBS01	311322	5.57	518025	6.77	465228	10.06

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2553</u>
Lab File ID:	<u>VX046961.D</u>	Date Analyzed:	<u>07/14/2025</u>
Instrument ID:	<u>MSVOA_X</u>	Time Analyzed:	<u>09:16</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	220043	12.018				
UPPER LIMIT	440086	12.518				
LOWER LIMIT	110022	11.518				
EPA SAMPLE NO.						
FB	281291	12.02				
VX0714WBL01	263407	12.02				
VX0714WBS01	241384	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHAU006	Date Received:	
Client Sample ID:	VX0710WBL01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046935.D	1	07/10/25 11:44	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	1.00	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHAU006	Date Received:	
Client Sample ID:	VX0710WBL01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046935.D	1	07/10/25 11:44	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		70 (74) - 130 (125)	113%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	50.8		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	311000	5.555			
540-36-3	1,4-Difluorobenzene	569000	6.763			
3114-55-4	Chlorobenzene-d5	544000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	272000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHAU006	Date Received:	
Client Sample ID:	VX0714WBL01	SDG No.:	Q2553
Lab Sample ID:	VX0714WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046963.D	1	07/14/25 11:18	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	25.0	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHAU006	Date Received:	
Client Sample ID:	VX0714WBL01	SDG No.:	Q2553
Lab Sample ID:	VX0714WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046963.D	1	07/14/25 11:18	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	48.7		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	331000	5.562			
540-36-3	1,4-Difluorobenzene	558000	6.769			
3114-55-4	Chlorobenzene-d5	513000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	263000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHAU006	Date Received:	
Client Sample ID:	VX0710WBS01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046936.D	1	07/10/25 12:10	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.6		0.22	1.00	ug/L
74-87-3	Chloromethane	18.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.3		0.26	1.00	ug/L
74-83-9	Bromomethane	19.2		1.40	5.00	ug/L
75-00-3	Chloroethane	18.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
67-64-1	Acetone	96.3		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.8		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.7		0.22	1.00	ug/L
67-66-3	Chloroform	19.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.8		0.16	1.00	ug/L
71-43-2	Benzene	19.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.0		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.5		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.7		0.14	1.00	ug/L

Report of Analysis

Client:	First Environment, Inc.		Date Collected:	
Project:	White Plains Housing Authority - WPHAU006		Date Received:	
Client Sample ID:	VX0710WBS01		SDG No.:	Q2553
Lab Sample ID:	VX0710WBS01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046936.D	1	07/10/25 12:10	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.5		0.24	2.00	ug/L
95-47-6	o-Xylene	19.1		0.12	1.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	19.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.5		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.9		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	49.9		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	342000	5.562			
540-36-3	1,4-Difluorobenzene	567000	6.763			
3114-55-4	Chlorobenzene-d5	521000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	270000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHAU006	Date Received:	
Client Sample ID:	VX0710WBS01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046936.D	1	07/10/25 12:10	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit
 A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHAU006	Date Received:	
Client Sample ID:	VX0714WBS01	SDG No.:	Q2553
Lab Sample ID:	VX0714WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046968.D	1	07/14/25 13:10	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.0		0.22	5.00	ug/L
74-87-3	Chloromethane	15.6		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	17.4		0.26	5.00	ug/L
74-83-9	Bromomethane	17.8		1.40	5.00	ug/L
75-00-3	Chloroethane	18.3		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	18.1		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	17.1		0.23	5.00	ug/L
67-64-1	Acetone	110		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	14.3		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	22.8		0.16	5.00	ug/L
79-20-9	Methyl Acetate	30.0		0.27	5.00	ug/L
75-09-2	Methylene Chloride	19.4		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.7		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.7		0.23	5.00	ug/L
110-82-7	Cyclohexane	18.8		1.50	5.00	ug/L
78-93-3	2-Butanone	140		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.3		0.19	5.00	ug/L
74-97-5	Bromochloromethane	20.9		0.22	5.00	ug/L
67-66-3	Chloroform	19.9		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.9		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	17.6		0.16	5.00	ug/L
71-43-2	Benzene	19.2		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	20.5		0.22	5.00	ug/L
79-01-6	Trichloroethene	18.5		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	19.8		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	19.2		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	140		0.68	25.0	ug/L
108-88-3	Toluene	19.7		0.14	5.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHAU006	Date Received:	
Client Sample ID:	VX0714WBS01	SDG No.:	Q2553
Lab Sample ID:	VX0714WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046968.D	1	07/14/25 13:10	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.7		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.6		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.5		0.21	5.00	ug/L
591-78-6	2-Hexanone	140		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	19.3		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	18.4		0.23	5.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	19.5		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	39.9		0.24	10.0	ug/L
95-47-6	o-Xylene	20.2		0.12	5.00	ug/L
100-42-5	Styrene	20.4		0.15	5.00	ug/L
75-25-2	Bromoform	20.1		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	19.7		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	22.6		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.7		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.9		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.7		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	24.8		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.1		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.0		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.5		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		70 (75) - 130 (124)	107%	SPK: 50
2037-26-5	Toluene-d8	52.6		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.0		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	311000	5.568			
540-36-3	1,4-Difluorobenzene	518000	6.769			
3114-55-4	Chlorobenzene-d5	465000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	241000	12.018			

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHAU006	Date Received:	
Client Sample ID:	VX0714WBS01	SDG No.:	Q2553
Lab Sample ID:	VX0714WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046968.D	1	07/14/25 13:10	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit
 A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHAU006	Date Received:	
Client Sample ID:	VX0710WBSD01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046937.D	1	07/10/25 12:35	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.6		0.22	1.00	ug/L
74-87-3	Chloromethane	17.9		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.5		0.26	1.00	ug/L
74-83-9	Bromomethane	19.1		1.40	5.00	ug/L
75-00-3	Chloroethane	17.7		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.2		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.0		0.23	1.00	ug/L
67-64-1	Acetone	98.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	24.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.9		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.3		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.4		0.22	1.00	ug/L
67-66-3	Chloroform	20.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.5		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.2		0.16	1.00	ug/L
71-43-2	Benzene	19.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.7		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.68	5.00	ug/L
108-88-3	Toluene	19.9		0.14	1.00	ug/L

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHAU006	Date Received:	
Client Sample ID:	VX0710WBSD01	SDG No.:	Q2553
Lab Sample ID:	VX0710WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046937.D	1	07/10/25 12:35	VX071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.1		0.24	2.00	ug/L
95-47-6	o-Xylene	19.2		0.12	1.00	ug/L
100-42-5	Styrene	20.1		0.15	1.00	ug/L
75-25-2	Bromoform	20.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.6		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	49.6		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	320000	5.562			
540-36-3	1,4-Difluorobenzene	525000	6.763			
3114-55-4	Chlorobenzene-d5	482000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	249000	12.018			



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2553</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date(s):	<u>07/02/2025</u> <u>07/02/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Calibration Time(s):	<u>12:11</u> <u>14:31</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

LAB FILE ID:		RRF001 = VX046860.D		RRF005 = VX046861.D		RRF020 = VX046862.D		
		RRF050 = VX046863.D		RRF100 = VX046864.D		RRF150 = VX046865.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.445	0.433	0.512	0.487	0.503	0.490	0.478	6.7
Chloromethane	0.505	0.507	0.541	0.508	0.543	0.530	0.522	3.4
Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.2
Bromomethane		0.402	0.402	0.360	0.369	0.295	0.366	12
Chloroethane	0.443	0.365	0.383	0.347	0.362	0.354	0.376	9.4
Trichlorofluoromethane	0.847	0.874	0.921	0.857	0.893	0.885	0.880	3
1,1,2-Trichlorotrifluoroethane	0.527	0.571	0.583	0.548	0.572	0.562	0.561	3.6
1,1-Dichloroethene	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.9
Acetone	0.236	0.210	0.195	0.193	0.197	0.200	0.205	7.9
Carbon Disulfide	1.585	1.425	1.405	1.342	1.398	1.376	1.422	6
Methyl tert-butyl Ether	1.447	1.470	1.540	1.528	1.587	1.615	1.531	4.2
Methyl Acetate	0.488	0.474	0.560	0.553	0.570	0.599	0.541	9.1
Methylene Chloride	0.623	0.625	0.624	0.585	0.596	0.588	0.607	3.1
trans-1,2-Dichloroethene	0.552	0.564	0.575	0.541	0.551	0.545	0.555	2.3
1,1-Dichloroethane	1.080	1.084	1.074	1.039	1.055	1.050	1.064	1.7
Cyclohexane		0.973	0.977	0.918	0.926	0.927	0.944	3
2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.1
Carbon Tetrachloride	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.7
cis-1,2-Dichloroethene	0.711	0.669	0.688	0.660	0.670	0.666	0.677	2.8
Bromochloromethane	0.529	0.543	0.524	0.528	0.516	0.508	0.525	2.3
Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.9
1,1,1-Trichloroethane	0.944	0.897	0.908	0.886	0.901	0.910	0.908	2.2
Methylcyclohexane	0.539	0.588	0.589	0.567	0.578	0.576	0.573	3.2
Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.9
1,2-Dichloroethane	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.4
Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5
1,2-Dichloropropane	0.364	0.340	0.362	0.346	0.345	0.342	0.350	3
Bromodichloromethane	0.538	0.508	0.535	0.510	0.508	0.507	0.518	2.9
4-Methyl-2-Pentanone	0.330	0.340	0.368	0.366	0.353	0.357	0.353	4.3
Toluene	0.855	0.894	0.906	0.841	0.831	0.823	0.858	3.9

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>FIRS02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q2553</u>
Instrument ID: <u>MSVOA_X</u>	Calibration Date(s): <u>07/02/2025</u> <u>07/02/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>12:11</u> <u>14:31</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm)	

LAB FILE ID:		RRF001 = VX046860.D		RRF005 = VX046861.D		RRF020 = VX046862.D		
		RRF050 = VX046863.D		RRF100 = VX046864.D		RRF150 = VX046865.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.408	0.431	0.467	0.472	0.490	0.504	0.462	7.8
cis-1,3-Dichloropropene	0.496	0.499	0.532	0.533	0.549	0.554	0.527	4.7
1,1,2-Trichloroethane	0.325	0.329	0.328	0.318	0.310	0.308	0.320	2.8
2-Hexanone	0.205	0.227	0.245	0.247	0.238	0.242	0.234	6.8
Dibromochloromethane	0.383	0.390	0.393	0.377	0.376	0.377	0.383	1.9
1,2-Dibromoethane	0.323	0.317	0.332	0.320	0.317	0.317	0.321	1.8
Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.1
Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.3
Ethyl Benzene	1.810	1.868	1.929	1.830	1.846	1.824	1.851	2.3
m/p-Xylenes	0.702	0.710	0.731	0.688	0.683	0.672	0.698	3.1
o-Xylene	0.676	0.677	0.703	0.665	0.663	0.660	0.674	2.4
Styrene	1.070	1.152	1.228	1.175	1.157	1.134	1.153	4.5
Bromoform	0.269	0.261	0.273	0.269	0.275	0.275	0.270	1.9
Isopropylbenzene	3.267	3.428	3.611	3.601	3.592	3.590	3.515	4
1,1,2,2-Tetrachloroethane	1.000	0.948	0.981	0.963	0.939	0.968	0.966	2.3
1,3-Dichlorobenzene	1.615	1.664	1.673	1.627	1.625	1.619	1.637	1.5
1,4-Dichlorobenzene	1.852	1.776	1.711	1.632	1.622	1.632	1.704	5.5
1,2-Dichlorobenzene	1.626	1.592	1.625	1.568	1.560	1.550	1.587	2.1
1,2-Dibromo-3-Chloropropane	0.158	0.151	0.164	0.171	0.178	0.192	0.169	8.7
1,2,4-Trichlorobenzene	1.016	1.020	1.078	1.087	1.121	1.145	1.078	4.9
1,2,3-Trichlorobenzene	0.900	0.965	1.033	1.045	1.069	1.099	1.019	7.2
1,2-Dichloroethane-d4		0.722	0.652	0.647	0.641	0.640	0.661	5.3
Dibromofluoromethane		0.355	0.346	0.339	0.332	0.325	0.339	3.5
Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.6
4-Bromofluorobenzene		0.493	0.469	0.455	0.433	0.426	0.455	6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2553</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>07/10/2025 09:54</u>
Lab File ID:	<u>VX046933.D</u>	Init. Calib. Date(s):	<u>07/02/2025 07/02/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:11 14:31</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.491		2.72	20
Chloromethane	0.522	0.530	0.1	1.53	20
Vinyl Chloride	0.569	0.575		1.05	20
Bromomethane	0.366	0.384		4.92	20
Chloroethane	0.376	0.378		0.53	20
Trichlorofluoromethane	0.880	0.925		5.11	20
1,1,2-Trichlorotrifluoroethane	0.561	0.602		7.31	20
1,1-Dichloroethene	0.542	0.561		3.51	20
Acetone	0.205	0.237		15.61	20
Carbon Disulfide	1.422	1.331		-6.4	20
Methyl tert-butyl Ether	1.531	1.789		16.85	20
Methyl Acetate	0.541	0.697		28.83	20
Methylene Chloride	0.607	0.664		9.39	20
trans-1,2-Dichloroethene	0.555	0.582		4.86	20
1,1-Dichloroethane	1.064	1.156	0.1	8.65	20
Cyclohexane	0.944	0.949		0.53	20
2-Butanone	0.274	0.323		17.88	20
Carbon Tetrachloride	0.484	0.514		6.2	20
cis-1,2-Dichloroethene	0.677	0.724		6.94	20
Bromochloromethane	0.525	0.563		7.24	20
Chloroform	1.087	1.184		8.92	20
1,1,1-Trichloroethane	0.908	0.966		6.39	20
Methylcyclohexane	0.573	0.572		-0.17	20
Benzene	1.385	1.459		5.34	20
1,2-Dichloroethane	0.470	0.518		10.21	20
Trichloroethene	0.361	0.366		1.38	20
1,2-Dichloropropane	0.350	0.379		8.29	20
Bromodichloromethane	0.518	0.576		11.2	20
4-Methyl-2-Pentanone	0.353	0.415		17.56	20
Toluene	0.858	0.906		5.59	20
t-1,3-Dichloropropene	0.462	0.530		14.72	20
cis-1,3-Dichloropropene	0.527	0.594		12.71	20
1,1,2-Trichloroethane	0.320	0.359		12.19	20
2-Hexanone	0.234	0.282		20.51	20
Dibromochloromethane	0.383	0.429		12.01	20
1,2-Dibromoethane	0.321	0.361		12.46	20
Tetrachloroethene	0.333	0.343		3	20
Chlorobenzene	1.081	1.156	0.3	6.94	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2553</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>07/10/2025</u> <u>09:54</u>
Lab File ID:	<u>VX046933.D</u>	Init. Calib. Date(s):	<u>07/02/2025</u> <u>07/02/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:11</u> <u>14:31</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.851	1.991		7.56	20
m/p-Xylenes	0.698	0.748		7.16	20
o-Xylene	0.674	0.731		8.46	20
Styrene	1.153	1.280		11.02	20
Bromoform	0.270	0.310	0.1	14.81	20
Isopropylbenzene	3.515	3.800		8.11	20
1,1,2,2-Tetrachloroethane	0.966	1.071	0.3	10.87	20
1,3-Dichlorobenzene	1.637	1.724		5.32	20
1,4-Dichlorobenzene	1.704	1.741		2.17	20
1,2-Dichlorobenzene	1.587	1.671		5.29	20
1,2-Dibromo-3-Chloropropane	0.169	0.191		13.02	20
1,2,4-Trichlorobenzene	1.078	1.137		5.47	20
1,2,3-Trichlorobenzene	1.019	1.098		7.75	20
1,2-Dichloroethane-d4	0.661	0.672		1.66	20
Dibromofluoromethane	0.339	0.344		1.48	20
Toluene-d8	1.197	1.173		-2.01	20
4-Bromofluorobenzene	0.455	0.452		-0.66	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2553</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>07/14/2025 09:16</u>
Lab File ID:	<u>VX046961.D</u>	Init. Calib. Date(s):	<u>07/02/2025 07/02/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:11 14:31</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.487		1.88	20
Chloromethane	0.522	0.477	0.1	-8.62	20
Vinyl Chloride	0.569	0.565		-0.7	20
Bromomethane	0.366	0.365		-0.27	20
Chloroethane	0.376	0.357		-5.05	20
Trichlorofluoromethane	0.880	0.919		4.43	20
1,1,2-Trichlorotrifluoroethane	0.561	0.585		4.28	20
1,1-Dichloroethene	0.542	0.553		2.03	20
Acetone	0.205	0.234		14.15	20
Carbon Disulfide	1.422	1.298		-8.72	20
Methyl tert-butyl Ether	1.531	1.868		22.01	20
Methyl Acetate	0.541	0.769		42.14	20
Methylene Chloride	0.607	0.629		3.62	20
trans-1,2-Dichloroethene	0.555	0.557		0.36	20
1,1-Dichloroethane	1.064	1.127	0.1	5.92	20
Cyclohexane	0.944	0.919		-2.65	20
2-Butanone	0.274	0.340		24.09	20
Carbon Tetrachloride	0.484	0.506		4.55	20
cis-1,2-Dichloroethene	0.677	0.712		5.17	20
Bromochloromethane	0.525	0.551		4.95	20
Chloroform	1.087	1.141		4.97	20
1,1,1-Trichloroethane	0.908	0.987		8.7	20
Methylcyclohexane	0.573	0.556		-2.97	20
Benzene	1.385	1.391		0.43	20
1,2-Dichloroethane	0.470	0.497		5.74	20
Trichloroethene	0.361	0.355		-1.66	20
1,2-Dichloropropane	0.350	0.364		4	20
Bromodichloromethane	0.518	0.552		6.56	20
4-Methyl-2-Pentanone	0.353	0.436		23.51	20
Toluene	0.858	0.875		1.98	20
t-1,3-Dichloropropene	0.462	0.534		15.58	20
cis-1,3-Dichloropropene	0.527	0.581		10.25	20
1,1,2-Trichloroethane	0.320	0.348		8.75	20
2-Hexanone	0.234	0.300		28.2	20
Dibromochloromethane	0.383	0.413		7.83	20
1,2-Dibromoethane	0.321	0.347		8.1	20
Tetrachloroethene	0.333	0.320		-3.9	20
Chlorobenzene	1.081	1.090	0.3	0.83	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>FIRS02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2553</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>07/14/2025</u> <u>09:16</u>
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Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:11</u> <u>14:31</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.851	1.887		1.95	20
m/p-Xylenes	0.698	0.709		1.58	20
o-Xylene	0.674	0.690		2.37	20
Styrene	1.153	1.208		4.77	20
Bromoform	0.270	0.301	0.1	11.48	20
Isopropylbenzene	3.515	3.763		7.05	20
1,1,2,2-Tetrachloroethane	0.966	1.107	0.3	14.6	20
1,3-Dichlorobenzene	1.637	1.719		5.01	20
1,4-Dichlorobenzene	1.704	1.738		2	20
1,2-Dichlorobenzene	1.587	1.657		4.41	20
1,2-Dibromo-3-Chloropropane	0.169	0.217		28.4	20
1,2,4-Trichlorobenzene	1.078	1.145		6.22	20
1,2,3-Trichlorobenzene	1.019	1.115		9.42	20
1,2-Dichloroethane-d4	0.661	0.674		1.97	20
Dibromofluoromethane	0.339	0.336		-0.88	20
Toluene-d8	1.197	1.136		-5.1	20
4-Bromofluorobenzene	0.455	0.448		-1.54	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.