

LAB CHRONICLE

OrderID:	Q2936	OrderDate:	8/21/2025 3:57:00 PM
Client:	AECOM	Project:	National Grid Equity - Brooklyn NY
Contact:	Peter S	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2936-01	MW-19A-082125	Water	VOC-TCLVOA-10	8260D	08/21/25		08/25/25	08/21/25
Q2936-02	MW-19B-082125	Water	VOC-TCLVOA-10	8260D	08/21/25		08/22/25	08/21/25
Q2936-02DL	MW-19B-082125DL	Water	VOC-TCLVOA-10	8260D	08/21/25		08/25/25	08/21/25
Q2936-02DL 2	MW-19B-082125DL2	Water	VOC-TCLVOA-10	8260D	08/21/25		08/25/25	08/21/25
Q2936-03	MW-19C-082125	Water	VOC-TCLVOA-10	8260D	08/21/25		08/25/25	08/21/25
Q2936-04	FB-02-082125	Water	VOC-TCLVOA-10	8260D	08/21/25		08/25/25	08/21/25
Q2936-05	TB	Water	VOC-TCLVOA-10	8260D	08/15/25		08/25/25	08/21/25

Hit Summary Sheet
SW-846

SDG No.: Q2936
Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	MW-19B-082125							
Q2936-02	MW-19B-082125	Water	Acetone	4.40	J	1.50	25.0	ug/L
Q2936-02	MW-19B-082125	Water	Methyl tert-butyl Ether	1.70	J	0.16	5.00	ug/L
Q2936-02	MW-19B-082125	Water	Benzene	2800	E	0.15	5.00	ug/L
Q2936-02	MW-19B-082125	Water	Toluene	38.0		0.14	5.00	ug/L
Q2936-02	MW-19B-082125	Water	Ethyl Benzene	1400	E	0.13	5.00	ug/L
Q2936-02	MW-19B-082125	Water	m/p-Xylenes	510	E	0.24	10.0	ug/L
Q2936-02	MW-19B-082125	Water	o-Xylene	360	E	0.12	5.00	ug/L
Q2936-02	MW-19B-082125	Water	Isopropylbenzene	74.0		0.12	5.00	ug/L
Total Voc :				5190				
Q2936-02	MW-19B-082125	Water	Benzo[c]thiophene	* 93.8	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	Benzene, 1-ethenyl-4-methyl-	* 1300	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	1H-Indene, 1-methyl-	* 81.4	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	Benzene, (1-methyl-1-propenyl	* 30.5	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	1H-Indene, 2,3-dihydro-5-meth	* 36.0	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	2-Methylindene	* 35.3	J	0	0	ug/L
Q2936-02	MW-19B-082125	Water	n-propylbenzene	* 16.9	J	0.13	5.00	ug/L
Q2936-02	MW-19B-082125	Water	1,3,5-Trimethylbenzene	* 44.4	J	0.15	5.00	ug/L
Q2936-02	MW-19B-082125	Water	1,2,4-Trimethylbenzene	* 270	J	0.14	5.00	ug/L
Q2936-02	MW-19B-082125	Water	p-Isopropyltoluene	* 9.30	J	0.13	5.00	ug/L
Total Tics :				1920				
Total Concentration:				7110				
Client ID:	MW-19B-082125DL							
Q2936-02DL	MW-19B-082125Dl	Water	Benzene	24300	ED	3.00	100	ug/L
Q2936-02DL	MW-19B-082125Dl	Water	Toluene	76.9	JD	2.80	100	ug/L
Q2936-02DL	MW-19B-082125Dl	Water	Ethyl Benzene	4100	ED	2.60	100	ug/L
Q2936-02DL	MW-19B-082125Dl	Water	m/p-Xylenes	890	D	4.80	200	ug/L
Q2936-02DL	MW-19B-082125Dl	Water	o-Xylene	620	D	2.40	100	ug/L
Q2936-02DL	MW-19B-082125Dl	Water	Isopropylbenzene	100	D	2.40	100	ug/L
Total Voc :				30100				
Total Concentration:				30100				
Client ID:	MW-19B-082125DL2							
Q2936-02DL2	MW-19B-082125Dl	Water	Benzene	20300	D	75.0	2500	ug/L
Q2936-02DL2	MW-19B-082125Dl	Water	Ethyl Benzene	3000	D	65.0	2500	ug/L
Q2936-02DL2	MW-19B-082125Dl	Water	m/p-Xylenes	730	JD	120	5000	ug/L
Q2936-02DL2	MW-19B-082125Dl	Water	o-Xylene	440	JD	60.0	2500	ug/L
Total Voc :				24500				
Total Concentration:				24500				

Hit Summary Sheet
SW-846

SDG No.: Q2936

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	MW-19C-082125							
Q2936-03	MW-19C-082125	Water	cis-1,2-Dichloroethene	16.8		0.19	5.00	ug/L
Q2936-03	MW-19C-082125	Water	Trichloroethene	24.8		0.090	5.00	ug/L
Q2936-03	MW-19C-082125	Water	Tetrachloroethene	22.0		0.23	5.00	ug/L
			Total Voc :	63.6				
			Total Concentration:	63.6				
Client ID:	FB-02-082125							
Q2936-04	FB-02-082125	Water	Acetone	21.5	J	1.50	25.0	ug/L
			Total Voc :	21.5				
			Total Concentration:	21.5				



SAMPLE DATA

Report of Analysis

Client:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19A-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-01		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087657.D	1	08/25/25 15:01	VN082525

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:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19A-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-01		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087657.D	1	08/25/25 15:01	VN082525

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	58.3		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	48.9		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	214000	8.212			
540-36-3	1,4-Difluorobenzene	506000	9.082			
3114-55-4	Chlorobenzene-d5	481000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	228000	13.77			

Report of Analysis

Client:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19A-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-01		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087657.D	1	08/25/25 15:01	VN082525

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:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19B-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-02		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087643.D	1	08/22/25 15:47	VN082225

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	4.40	J	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	1.70	J	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	2800	E	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	UQ	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	38.0		0.14	5.00	ug/L

Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125	SDG No.:	Q2936
Lab Sample ID:	Q2936-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087643.D	1	08/22/25 15:47	VN082225

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Report of Analysis

Client:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19B-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-02		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087643.D	1	08/22/25 15:47	VN082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	16.9	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	44.4	J		13.2	ug/L
95-63-6	1,2,4-Trimethylbenzene	270	J		13.5	ug/L
99-87-6	p-Isopropyltoluene	9.30	J		13.7	ug/L
000622-97-9	Benzene, 1-ethenyl-4-methyl-	1300	J		14.0	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	36.0	J		14.9	ug/L
000768-00-3	Benzene, (1-methyl-1-propenyl)-, (E)-	30.5	J		15.0	ug/L
002177-47-1	2-Methylindene	35.3	J		15.1	ug/L
000767-59-9	1H-Indene, 1-methyl-	81.4	J		15.2	ug/L
000270-82-6	Benzo[c]thiophene	93.8	J		15.7	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:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19B-082125DL		SDG No.:	Q2936	
Lab Sample ID:	Q2936-02DL		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087652.D	20	08/25/25 13:16	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	100	UD	4.40	100	ug/L
74-87-3	Chloromethane	100	UD	6.40	100	ug/L
75-01-4	Vinyl Chloride	100	UD	5.20	100	ug/L
74-83-9	Bromomethane	100	UD	28.8	100	ug/L
75-00-3	Chloroethane	100	UD	9.40	100	ug/L
75-69-4	Trichlorofluoromethane	100	UD	6.60	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	100	UD	5.00	100	ug/L
75-35-4	1,1-Dichloroethene	100	UD	4.60	100	ug/L
67-64-1	Acetone	500	UD	30.2	500	ug/L
75-15-0	Carbon Disulfide	100	UD	4.20	100	ug/L
1634-04-4	Methyl tert-butyl Ether	100	UD	3.20	100	ug/L
79-20-9	Methyl Acetate	100	UD	5.40	100	ug/L
75-09-2	Methylene Chloride	100	UD	5.60	100	ug/L
156-60-5	trans-1,2-Dichloroethene	100	UD	4.60	100	ug/L
75-34-3	1,1-Dichloroethane	100	UD	4.60	100	ug/L
110-82-7	Cyclohexane	100	UD	29.0	100	ug/L
78-93-3	2-Butanone	500	UD	19.6	500	ug/L
56-23-5	Carbon Tetrachloride	100	UD	5.00	100	ug/L
156-59-2	cis-1,2-Dichloroethene	100	UD	3.80	100	ug/L
74-97-5	Bromochloromethane	100	UD	4.40	100	ug/L
67-66-3	Chloroform	100	UD	5.00	100	ug/L
71-55-6	1,1,1-Trichloroethane	100	UD	4.00	100	ug/L
108-87-2	Methylcyclohexane	100	UD	3.20	100	ug/L
71-43-2	Benzene	24300	ED	3.00	100	ug/L
107-06-2	1,2-Dichloroethane	100	UD	4.40	100	ug/L
79-01-6	Trichloroethene	100	UD	1.90	100	ug/L
78-87-5	1,2-Dichloropropane	100	UD	4.00	100	ug/L
75-27-4	Bromodichloromethane	100	UD	4.40	100	ug/L
108-10-1	4-Methyl-2-Pentanone	500	UD	13.6	500	ug/L
108-88-3	Toluene	76.9	JD	2.80	100	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19B-082125DL		SDG No.:	Q2936	
Lab Sample ID:	Q2936-02DL		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087652.D	20	08/25/25 13:16	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	100	UD	3.40	100	ug/L
10061-01-5	cis-1,3-Dichloropropene	100	UD	3.20	100	ug/L
79-00-5	1,1,2-Trichloroethane	100	UD	4.20	100	ug/L
591-78-6	2-Hexanone	500	UD	17.8	500	ug/L
124-48-1	Dibromochloromethane	100	UD	3.60	100	ug/L
106-93-4	1,2-Dibromoethane	100	UD	3.00	100	ug/L
127-18-4	Tetrachloroethene	100	UD	4.60	100	ug/L
108-90-7	Chlorobenzene	100	UD	2.40	100	ug/L
100-41-4	Ethyl Benzene	4100	ED	2.60	100	ug/L
179601-23-1	m/p-Xylenes	890	D	4.80	200	ug/L
95-47-6	o-Xylene	620	D	2.40	100	ug/L
100-42-5	Styrene	100	UD	3.00	100	ug/L
75-25-2	Bromoform	100	UD	3.80	100	ug/L
98-82-8	Isopropylbenzene	100	D	2.40	100	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	100	UD	5.20	100	ug/L
541-73-1	1,3-Dichlorobenzene	100	UD	3.20	100	ug/L
106-46-7	1,4-Dichlorobenzene	100	UD	3.80	100	ug/L
95-50-1	1,2-Dichlorobenzene	100	UD	3.20	100	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	100	UD	10.6	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	100	UD	4.00	100	ug/L
87-61-6	1,2,3-Trichlorobenzene	100	UD	4.00	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.8		74 - 125	112%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	47.7		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		77 - 121	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	8.206			
540-36-3	1,4-Difluorobenzene	428000	9.082			
3114-55-4	Chlorobenzene-d5	385000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	190000	13.77			

Report of Analysis

Client:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19B-082125DL		SDG No.:	Q2936	
Lab Sample ID:	Q2936-02DL		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087652.D	20	08/25/25 13:16	VN082525

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:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19B-082125DL2		SDG No.:	Q2936	
Lab Sample ID:	Q2936-02DL2		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087661.D	500	08/25/25 16:25	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2500	UD	110	2500	ug/L
74-87-3	Chloromethane	2500	UD	160	2500	ug/L
75-01-4	Vinyl Chloride	2500	UD	130	2500	ug/L
74-83-9	Bromomethane	2500	UD	720	2500	ug/L
75-00-3	Chloroethane	2500	UD	240	2500	ug/L
75-69-4	Trichlorofluoromethane	2500	UD	170	2500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2500	UD	130	2500	ug/L
75-35-4	1,1-Dichloroethene	2500	UD	120	2500	ug/L
67-64-1	Acetone	12500	UD	760	12500	ug/L
75-15-0	Carbon Disulfide	2500	UD	110	2500	ug/L
1634-04-4	Methyl tert-butyl Ether	2500	UD	80.0	2500	ug/L
79-20-9	Methyl Acetate	2500	UD	140	2500	ug/L
75-09-2	Methylene Chloride	2500	UD	140	2500	ug/L
156-60-5	trans-1,2-Dichloroethene	2500	UD	120	2500	ug/L
75-34-3	1,1-Dichloroethane	2500	UD	120	2500	ug/L
110-82-7	Cyclohexane	2500	UD	730	2500	ug/L
78-93-3	2-Butanone	12500	UD	490	12500	ug/L
56-23-5	Carbon Tetrachloride	2500	UD	130	2500	ug/L
156-59-2	cis-1,2-Dichloroethene	2500	UD	95.0	2500	ug/L
74-97-5	Bromochloromethane	2500	UD	110	2500	ug/L
67-66-3	Chloroform	2500	UD	130	2500	ug/L
71-55-6	1,1,1-Trichloroethane	2500	UD	100	2500	ug/L
108-87-2	Methylcyclohexane	2500	UD	80.0	2500	ug/L
71-43-2	Benzene	20300	D	75.0	2500	ug/L
107-06-2	1,2-Dichloroethane	2500	UD	110	2500	ug/L
79-01-6	Trichloroethene	2500	UD	46.5	2500	ug/L
78-87-5	1,2-Dichloropropane	2500	UD	100	2500	ug/L
75-27-4	Bromodichloromethane	2500	UD	110	2500	ug/L
108-10-1	4-Methyl-2-Pentanone	12500	UD	340	12500	ug/L
108-88-3	Toluene	2500	UD	70.0	2500	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19B-082125DL2		SDG No.:	Q2936	
Lab Sample ID:	Q2936-02DL2		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087661.D	500	08/25/25 16:25	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	2500	UD	85.0	2500	ug/L
10061-01-5	cis-1,3-Dichloropropene	2500	UD	80.0	2500	ug/L
79-00-5	1,1,2-Trichloroethane	2500	UD	110	2500	ug/L
591-78-6	2-Hexanone	12500	UD	450	12500	ug/L
124-48-1	Dibromochloromethane	2500	UD	90.0	2500	ug/L
106-93-4	1,2-Dibromoethane	2500	UD	75.0	2500	ug/L
127-18-4	Tetrachloroethene	2500	UD	120	2500	ug/L
108-90-7	Chlorobenzene	2500	UD	60.0	2500	ug/L
100-41-4	Ethyl Benzene	3000	D	65.0	2500	ug/L
179601-23-1	m/p-Xylenes	730	JD	120	5000	ug/L
95-47-6	o-Xylene	440	JD	60.0	2500	ug/L
100-42-5	Styrene	2500	UD	75.0	2500	ug/L
75-25-2	Bromoform	2500	UD	95.0	2500	ug/L
98-82-8	Isopropylbenzene	2500	UD	60.0	2500	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2500	UD	130	2500	ug/L
541-73-1	1,3-Dichlorobenzene	2500	UD	80.0	2500	ug/L
106-46-7	1,4-Dichlorobenzene	2500	UD	95.0	2500	ug/L
95-50-1	1,2-Dichlorobenzene	2500	UD	80.0	2500	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2500	UD	270	2500	ug/L
120-82-1	1,2,4-Trichlorobenzene	2500	UD	100	2500	ug/L
87-61-6	1,2,3-Trichlorobenzene	2500	UD	100	2500	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.2		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	47.4		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	173000	8.212			
540-36-3	1,4-Difluorobenzene	404000	9.082			
3114-55-4	Chlorobenzene-d5	378000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.77			

Report of Analysis

Client:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19B-082125DL2		SDG No.:	Q2936	
Lab Sample ID:	Q2936-02DL2		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087661.D	500	08/25/25 16:25	VN082525

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:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19C-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-03		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087656.D	1	08/25/25 14:40	VN082525

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	16.8		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	24.8		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:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19C-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-03		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087656.D	1	08/25/25 14:40	VN082525

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	22.0		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	56.5		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.4		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	8.206			
540-36-3	1,4-Difluorobenzene	447000	9.083			
3114-55-4	Chlorobenzene-d5	432000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	205000	13.77			

Report of Analysis

Client:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19C-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-03		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087656.D	1	08/25/25 14:40	VN082525

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:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	FB-02-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-04		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087654.D	1	08/25/25 13:58	VN082525

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	21.5	J	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:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	FB-02-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-04		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087654.D	1	08/25/25 13:58	VN082525

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	52.7		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	47.6		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.9		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	186000	8.206			
540-36-3	1,4-Difluorobenzene	422000	9.082			
3114-55-4	Chlorobenzene-d5	393000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	183000	13.77			

Report of Analysis

Client:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	FB-02-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-04		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087654.D	1	08/25/25 13:58	VN082525

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:	AECOM		Date Collected:	08/15/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	TB		SDG No.:	Q2936	
Lab Sample ID:	Q2936-05		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087653.D	1	08/25/25 13:37	VN082525

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:	AECOM		Date Collected:	08/15/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	TB		SDG No.:	Q2936	
Lab Sample ID:	Q2936-05		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087653.D	1	08/25/25 13:37	VN082525

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	58.7		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	47.7		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	191000	8.206			
540-36-3	1,4-Difluorobenzene	449000	9.082			
3114-55-4	Chlorobenzene-d5	426000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	205000	13.77			

Report of Analysis

Client:	AECOM		Date Collected:	08/15/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	TB		SDG No.:	Q2936	
Lab Sample ID:	Q2936-05		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087653.D	1	08/25/25 13:37	VN082525

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.: Q2936

Client: AECOM

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2936-01	MW-19A-082125	1,2-Dichloroethane-d4	50	58.3	117		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	49.0	98		86	113
		4-Bromofluorobenzene	50	47.1	94		77	121
Q2936-02	MW-19B-082125	1,2-Dichloroethane-d4	50	73.4	147	*	74	125
		Dibromofluoromethane	50	44.5	89		75	124
		Toluene-d8	50	46.2	92		86	113
		4-Bromofluorobenzene	50	47.3	95		77	121
Q2936-02DL	MW-19B-082125DL	1,2-Dichloroethane-d4	50	55.8	112		74	125
		Dibromofluoromethane	50	48.4	97		75	124
		Toluene-d8	50	47.7	95		86	113
		4-Bromofluorobenzene	50	47.9	96		77	121
Q2936-02DL2	MW-19B-082125DL2	1,2-Dichloroethane-d4	50	54.2	108		74	125
		Dibromofluoromethane	50	48.5	97		75	124
		Toluene-d8	50	47.4	95		86	113
		4-Bromofluorobenzene	50	46.3	92		77	121
Q2936-03	MW-19C-082125	1,2-Dichloroethane-d4	50	56.5	113		74	125
		Dibromofluoromethane	50	50.1	100		75	124
		Toluene-d8	50	48.4	97		86	113
		4-Bromofluorobenzene	50	48.6	97		77	121
Q2936-04	FB-02-082125	1,2-Dichloroethane-d4	50	52.7	105		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	47.6	95		86	113
		4-Bromofluorobenzene	50	46.9	94		77	121
Q2936-05	TB	1,2-Dichloroethane-d4	50	58.7	117		74	125
		Dibromofluoromethane	50	50.3	101		75	124
		Toluene-d8	50	47.7	95		86	113
		4-Bromofluorobenzene	50	49.7	99		77	121

Surrogate Summary

SDG No.: Q2936

Client: AECOM

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VN0822WBL01	VN0822WBL01	1,2-Dichloroethane-d4	50	53.7	107		74	125
		Dibromofluoromethane	50	49.4	99		75	124
		Toluene-d8	50	48.2	96		86	113
		4-Bromofluorobenzene	50	47.7	95		77	121
VN0822WBS01	VN0822WBS01	1,2-Dichloroethane-d4	50	46.8	94		74	125
		Dibromofluoromethane	50	46.3	93		75	124
		Toluene-d8	50	46.8	94		86	113
		4-Bromofluorobenzene	50	46.2	92		77	121
VN0825WBL01	VN0825WBL01	1,2-Dichloroethane-d4	50	52.3	105		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	48.2	96		86	113
		4-Bromofluorobenzene	50	46.5	93		77	121
VN0825WBS01	VN0825WBS01	1,2-Dichloroethane-d4	50	46.9	94		74	125
		Dibromofluoromethane	50	46.0	92		75	124
		Toluene-d8	50	45.3	91		86	113
		4-Bromofluorobenzene	50	44.8	90		77	121
VN0825WBSD0	VN0825WBSD01	1,2-Dichloroethane-d4	50	46.4	93		74	125
		Dibromofluoromethane	50	46.9	94		75	124
		Toluene-d8	50	46.2	92		86	113
		4-Bromofluorobenzene	50	46.4	93		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q2936	SW-846		Analytical Method:		SW8260-Low
Client:		AECOM	Datafile :		VN087631.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VN0822WBS01	Dichlorodifluoromethane	20	20.3	ug/L	102			69	116	
	Chloromethane	20	19.2	ug/L	96			65	116	
	Vinyl chloride	20	18.8	ug/L	94			65	117	
	Bromomethane	20	18.7	ug/L	94			58	125	
	Chloroethane	20	17.4	ug/L	87			56	128	
	Trichlorofluoromethane	20	18.4	ug/L	92			73	115	
	1,1,2-Trichlorotrifluoroethane	20	17.3	ug/L	86			80	112	
	1,1-Dichloroethene	20	17.7	ug/L	89			74	110	
	Acetone	100	76.8	ug/L	77			60	125	
	Carbon disulfide	20	17.6	ug/L	88			64	112	
	Methyl tert-butyl Ether	20	17.1	ug/L	86			78	114	
	Methyl Acetate	20	17.0	ug/L	85			67	125	
	Methylene Chloride	20	17.0	ug/L	85			72	114	
	trans-1,2-Dichloroethene	20	16.9	ug/L	85			75	108	
	1,1-Dichloroethane	20	16.7	ug/L	84			78	112	
	Cyclohexane	20	18.4	ug/L	92			75	110	
	2-Butanone	100	84.7	ug/L	85			65	122	
	Carbon Tetrachloride	20	17.4	ug/L	87			77	113	
	cis-1,2-Dichloroethene	20	17.6	ug/L	88			77	110	
	Bromochloromethane	20	19.2	ug/L	96			70	124	
	Chloroform	20	17.5	ug/L	88			79	113	
	1,1,1-Trichloroethane	20	17.4	ug/L	87			80	108	
	Methylcyclohexane	20	16.4	ug/L	82			72	115	
	Benzene	20	17.0	ug/L	85			82	109	
	1,2-Dichloroethane	20	16.9	ug/L	85			80	115	
	Trichloroethene	20	16.9	ug/L	85			77	113	
	1,2-Dichloropropane	20	16.3	ug/L	81		*	83	111	
	Bromodichloromethane	20	17.0	ug/L	85			83	110	
	4-Methyl-2-Pentanone	100	85.5	ug/L	86			74	118	
	Toluene	20	16.9	ug/L	85			82	110	
	t-1,3-Dichloropropene	20	17.3	ug/L	86			79	110	
	cis-1,3-Dichloropropene	20	17.3	ug/L	86			82	110	
	1,1,2-Trichloroethane	20	16.7	ug/L	84			83	112	
	2-Hexanone	100	87.8	ug/L	88			73	117	
	Dibromochloromethane	20	16.5	ug/L	83			82	110	
	1,2-Dibromoethane	20	16.8	ug/L	84			81	110	
	Tetrachloroethene	20	16.3	ug/L	81			67	123	
	Chlorobenzene	20	17.2	ug/L	86			82	109	
	Ethyl Benzene	20	17.3	ug/L	86			83	109	
	m/p-Xylenes	40	35.1	ug/L	88			82	110	
	o-Xylene	20	17.1	ug/L	86			83	109	
	Styrene	20	17.5	ug/L	88			80	111	
	Bromoform	20	17.1	ug/L	86			79	109	
	Isopropylbenzene	20	17.5	ug/L	88			83	112	
	1,1,2,2-Tetrachloroethane	20	17.4	ug/L	87			76	118	
	1,3-Dichlorobenzene	20	17.1	ug/L	86			82	108	
	1,4-Dichlorobenzene	20	16.9	ug/L	85			82	107	
	1,2-Dichlorobenzene	20	17.1	ug/L	86			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2936</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>AECOM</u>	Datafile :	<u>VN087631.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VN0822WBS01	1,2-Dibromo-3-Chloropropane	20	16.8	ug/L	84			68	112	
	1,2,4-Trichlorobenzene	20	17.2	ug/L	86			75	113	
	1,2,3-Trichlorobenzene	20	16.0	ug/L	80			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q2936	SW-846		Analytical Method:		SW8260-Low
Client:		AECOM	Datafile :		VN087650.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VN0825WBS01	Dichlorodifluoromethane	20	19.6	ug/L	98			69	116	
	Chloromethane	20	19.2	ug/L	96			65	116	
	Vinyl chloride	20	18.6	ug/L	93			65	117	
	Bromomethane	20	19.5	ug/L	98			58	125	
	Chloroethane	20	18.3	ug/L	92			56	128	
	Trichlorofluoromethane	20	18.9	ug/L	95			73	115	
	1,1,2-Trichlorotrifluoroethane	20	17.8	ug/L	89			80	112	
	1,1-Dichloroethene	20	17.9	ug/L	90			74	110	
	Acetone	100	92.7	ug/L	93			60	125	
	Carbon disulfide	20	18.3	ug/L	92			64	112	
	Methyl tert-butyl Ether	20	18.0	ug/L	90			78	114	
	Methyl Acetate	20	18.4	ug/L	92			67	125	
	Methylene Chloride	20	17.7	ug/L	89			72	114	
	trans-1,2-Dichloroethene	20	17.0	ug/L	85			75	108	
	1,1-Dichloroethane	20	17.7	ug/L	89			78	112	
	Cyclohexane	20	18.1	ug/L	91			75	110	
	2-Butanone	100	90.9	ug/L	91			65	122	
	Carbon Tetrachloride	20	18.0	ug/L	90			77	113	
	cis-1,2-Dichloroethene	20	17.3	ug/L	86			77	110	
	Bromochloromethane	20	20.0	ug/L	100			70	124	
	Chloroform	20	17.8	ug/L	89			79	113	
	1,1,1-Trichloroethane	20	18.1	ug/L	91			80	108	
	Methylcyclohexane	20	16.7	ug/L	84			72	115	
	Benzene	20	17.4	ug/L	87			82	109	
	1,2-Dichloroethane	20	17.3	ug/L	86			80	115	
	Trichloroethene	20	17.1	ug/L	86			77	113	
	1,2-Dichloropropane	20	16.6	ug/L	83			83	111	
	Bromodichloromethane	20	17.2	ug/L	86			83	110	
	4-Methyl-2-Pentanone	100	88.3	ug/L	88			74	118	
	Toluene	20	17.4	ug/L	87			82	110	
	t-1,3-Dichloropropene	20	17.3	ug/L	86			79	110	
	cis-1,3-Dichloropropene	20	17.5	ug/L	88			82	110	
	1,1,2-Trichloroethane	20	17.8	ug/L	89			83	112	
	2-Hexanone	100	92.2	ug/L	92			73	117	
	Dibromochloromethane	20	16.6	ug/L	83			82	110	
	1,2-Dibromoethane	20	17.0	ug/L	85			81	110	
	Tetrachloroethene	20	17.0	ug/L	85			67	123	
	Chlorobenzene	20	17.4	ug/L	87			82	109	
	Ethyl Benzene	20	17.8	ug/L	89			83	109	
	m/p-Xylenes	40	36.1	ug/L	90			82	110	
	o-Xylene	20	17.2	ug/L	86			83	109	
	Styrene	20	17.9	ug/L	90			80	111	
	Bromoform	20	18.2	ug/L	91			79	109	
	Isopropylbenzene	20	17.3	ug/L	86			83	112	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			76	118	
	1,3-Dichlorobenzene	20	17.1	ug/L	86			82	108	
	1,4-Dichlorobenzene	20	17.1	ug/L	86			82	107	
	1,2-Dichlorobenzene	20	17.7	ug/L	89			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2936</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>AECOM</u>	Datafile :	<u>VN087650.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0825WBS01	1,2-Dibromo-3-Chloropropane	20	17.1	ug/L	86			68	112	
	1,2,4-Trichlorobenzene	20	17.2	ug/L	86			75	113	
	1,2,3-Trichlorobenzene	20	16.9	ug/L	85			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q2936	SW-846		Analytical Method:		SW8260-Low
Client:		AECOM	Datafile :		VN087651.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0825WBSD01	Dichlorodifluoromethane	20	21.7	ug/L	109	11		69	116	19
	Chloromethane	20	19.6	ug/L	98	2		65	116	21
	Vinyl chloride	20	19.0	ug/L	95	2		65	117	19
	Bromomethane	20	18.5	ug/L	93	5		58	125	20
	Chloroethane	20	18.0	ug/L	90	2		56	128	20
	Trichlorofluoromethane	20	19.1	ug/L	96	1		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.9	ug/L	95	7		80	112	15
	1,1-Dichloroethene	20	18.5	ug/L	93	3		74	110	20
	Acetone	100	85.6	ug/L	86	8		60	125	20
	Carbon disulfide	20	18.1	ug/L	91	1		64	112	20
	Methyl tert-butyl Ether	20	18.5	ug/L	93	3		78	114	20
	Methyl Acetate	20	19.5	ug/L	98	6		67	125	20
	Methylene Chloride	20	18.0	ug/L	90	1		72	114	20
	trans-1,2-Dichloroethene	20	17.2	ug/L	86	1		75	108	16
	1,1-Dichloroethane	20	17.3	ug/L	86	3		78	112	20
	Cyclohexane	20	18.4	ug/L	92	1		75	110	20
	2-Butanone	100	90.5	ug/L	91	0		65	122	26
	Carbon Tetrachloride	20	19.2	ug/L	96	6		77	113	15
	cis-1,2-Dichloroethene	20	17.9	ug/L	90	5		77	110	20
	Bromochloromethane	20	19.8	ug/L	99	1		70	124	20
	Chloroform	20	18.2	ug/L	91	2		79	113	20
	1,1,1-Trichloroethane	20	17.7	ug/L	89	2		80	108	20
	Methylcyclohexane	20	19.2	ug/L	96	13		72	115	20
	Benzene	20	18.4	ug/L	92	6		82	109	15
	1,2-Dichloroethane	20	18.7	ug/L	94	9		80	115	20
	Trichloroethene	20	18.1	ug/L	91	6		77	113	15
	1,2-Dichloropropane	20	18.1	ug/L	91	9		83	111	16
	Bromodichloromethane	20	18.7	ug/L	94	9		83	110	16
	4-Methyl-2-Pentanone	100	98.0	ug/L	98	11		74	118	25
	Toluene	20	18.3	ug/L	92	6		82	110	16
	t-1,3-Dichloropropene	20	19.0	ug/L	95	10		79	110	20
	cis-1,3-Dichloropropene	20	18.4	ug/L	92	4		82	110	16
	1,1,2-Trichloroethane	20	18.7	ug/L	94	5		83	112	20
	2-Hexanone	100	97.4	ug/L	97	5		73	117	25
	Dibromochloromethane	20	18.2	ug/L	91	9		82	110	20
	1,2-Dibromoethane	20	18.4	ug/L	92	8		81	110	20
	Tetrachloroethene	20	16.9	ug/L	85	0		67	123	15
	Chlorobenzene	20	17.7	ug/L	89	2		82	109	15
	Ethyl Benzene	20	18.0	ug/L	90	1		83	109	16
	m/p-Xylenes	40	36.1	ug/L	90	0		82	110	15
	o-Xylene	20	18.2	ug/L	91	6		83	109	20
	Styrene	20	18.5	ug/L	93	3		80	111	17
	Bromoform	20	18.4	ug/L	92	1		79	109	20
	Isopropylbenzene	20	18.1	ug/L	91	6		83	112	29
	1,1,2,2-Tetrachloroethane	20	19.3	ug/L	97	6		76	118	20
	1,3-Dichlorobenzene	20	17.8	ug/L	89	3		82	108	20
	1,4-Dichlorobenzene	20	17.9	ug/L	90	5		82	107	15
	1,2-Dichlorobenzene	20	18.1	ug/L	91	2		82	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2936

Analytical Method: SW8260-Low

Client: AECOM

Datafile : VN087651.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VN0825WBSD01	1,2-Dibromo-3-Chloropropane	20	19.0	ug/L	95	10		68	112	20
	1,2,4-Trichlorobenzene	20	18.9	ug/L	95	10		75	113	29
	1,2,3-Trichlorobenzene	20	18.0	ug/L	90	6		76	114	29

VOLATILE METHOD BLANK SUMMARY

Client ID

VN0822WBL01

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2936

Lab File ID: VN087630.D

Lab Sample ID: VN0822WBL01

Date Analyzed: 08/22/2025

Time Analyzed: 10:47

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0822WBS01	VN0822WBS01	VN087631.D	08/22/2025
MW-19B-082125	Q2936-02	VN087643.D	08/22/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VN0825WBL01

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2936

Lab File ID: VN087649.D

Lab Sample ID: VN0825WBL01

Date Analyzed: 08/25/2025

Time Analyzed: 10:33

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0825WBS01	VN0825WBS01	VN087650.D	08/25/2025
VN0825WBSD01	VN0825WBSD01	VN087651.D	08/25/2025
MW-19B-082125DL	Q2936-02DL	VN087652.D	08/25/2025
TB	Q2936-05	VN087653.D	08/25/2025
FB-02-082125	Q2936-04	VN087654.D	08/25/2025
MW-19C-082125	Q2936-03	VN087656.D	08/25/2025
MW-19A-082125	Q2936-01	VN087657.D	08/25/2025
MW-19B-082125DL2	Q2936-02DL2	VN087661.D	08/25/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2936

Lab File ID: VN087614.D

BFB Injection Date: 08/21/2025

Instrument ID: MSVOA_N

BFB Injection Time: 09:30

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.8
75	30.0 - 60.0% of mass 95	58.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	69
175	5.0 - 9.0% of mass 174	5.6 (8.1) 1
176	95.0 - 101.0% of mass 174	67.7 (98.1) 1
177	5.0 - 9.0% of mass 176	4.8 (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
VSTDIC001	VSTDIC001	VN087619.D	08/21/2025	12:09
VSTDIC005	VSTDIC005	VN087620.D	08/21/2025	13:08
VSTDIC020	VSTDIC020	VN087621.D	08/21/2025	13:41
VSTDIC050	VSTDIC050	VN087622.D	08/21/2025	14:02
VSTDIC100	VSTDIC100	VN087623.D	08/21/2025	14:23
VSTDIC150	VSTDIC150	VN087624.D	08/21/2025	14:44

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2936

Lab File ID: VN087627.D

BFB Injection Date: 08/22/2025

Instrument ID: MSVOA_N

BFB Injection Time: 08:00

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.3
75	30.0 - 60.0% of mass 95	58.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	69.4
175	5.0 - 9.0% of mass 174	5.6 (8.1) 1
176	95.0 - 101.0% of mass 174	66 (95.1) 1
177	5.0 - 9.0% of mass 176	3.6 (5.4) 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	VN087628.D	08/22/2025	09:16
VN0822WBL01	VN0822WBL01	VN087630.D	08/22/2025	10:47
VN0822WBS01	VN0822WBS01	VN087631.D	08/22/2025	11:16
MW-19B-082125	Q2936-02	VN087643.D	08/22/2025	15:47

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q2936

Lab File ID: VN087646.D

BFB Injection Date: 08/25/2025

Instrument ID: MSVOA_N

BFB Injection Time: 08:15

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.8
75	30.0 - 60.0% of mass 95	58.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.5 (0.8) 1
174	50.0 - 100.0% of mass 95	68.5
175	5.0 - 9.0% of mass 174	6.1 (9) 1
176	95.0 - 101.0% of mass 174	66.8 (97.4) 1
177	5.0 - 9.0% of mass 176	4.2 (6.4) 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	VN087647.D	08/25/2025	09:37
VN0825WBL01	VN0825WBL01	VN087649.D	08/25/2025	10:33
VN0825WBS01	VN0825WBS01	VN087650.D	08/25/2025	12:21
VN0825WBSD01	VN0825WBSD01	VN087651.D	08/25/2025	12:56
MW-19B-082125DL	Q2936-02DL	VN087652.D	08/25/2025	13:16
TB	Q2936-05	VN087653.D	08/25/2025	13:37
FB-02-082125	Q2936-04	VN087654.D	08/25/2025	13:58
MW-19C-082125	Q2936-03	VN087656.D	08/25/2025	14:40
MW-19A-082125	Q2936-01	VN087657.D	08/25/2025	15:01
MW-19B-082125DL2	Q2936-02DL2	VN087661.D	08/25/2025	16:25

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2936</u>
Lab File ID:	<u>VN087628.D</u>	Date Analyzed:	<u>08/22/2025</u>
Instrument ID:	<u>MSVOA_N</u>	Time Analyzed:	<u>09:16</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	263551	8.21	512519	9.08	469406	11.85
UPPER LIMIT	527102	8.706	1025040	9.582	938812	12.347
LOWER LIMIT	131776	7.706	256260	8.582	234703	11.347
EPA SAMPLE NO.						
MW-19B-082125	165286	8.21	419366	9.08	365004	11.85
VN0822WBL01	212794	8.21	479771	9.08	448296	11.84
VN0822WBS01	241192	8.21	479192	9.08	431937	11.85

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>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2936</u>
Lab File ID:	<u>VN087628.D</u>	Date Analyzed:	<u>08/22/2025</u>
Instrument ID:	<u>MSVOA_N</u>	Time Analyzed:	<u>09:16</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	231212	13.77				
UPPER LIMIT	462424	14.27				
LOWER LIMIT	115606	13.27				
EPA SAMPLE NO.						
MW-19B-082125	189102	13.77				
VN0822WBL01	206141	13.77				
VN0822WBS01	215397	13.77				

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: AECO02
Lab Code: ACE SDG NO.: Q2936
Lab File ID: VN087647.D Date Analyzed: 08/25/2025
Instrument ID: MSVOA_N Time Analyzed: 09:37
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	257927	8.21	497405	9.08	459274	11.85
UPPER LIMIT	515854	8.706	994810	9.583	918548	12.347
LOWER LIMIT	128964	7.706	248703	8.583	229637	11.347
EPA SAMPLE NO.						
MW-19A-082125	213929	8.21	506260	9.08	481175	11.85
MW-19B-082125DL	176671	8.21	427727	9.08	385443	11.85
MW-19B-082125DL2	173151	8.21	403642	9.08	378273	11.85
MW-19C-082125	194994	8.21	447255	9.08	431712	11.85
FB-02-082125	185558	8.21	422409	9.08	393280	11.84
TB	191231	8.21	449008	9.08	426482	11.84
VN0825WBL01	190267	8.21	429125	9.08	403882	11.84
VN0825WBS01	223180	8.21	452330	9.08	403500	11.84
VN0825WBSD01	230804	8.21	442728	9.08	414378	11.85

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: AECO02
 Lab Code: ACE SDG NO.: Q2936
 Lab File ID: VN087647.D Date Analyzed: 08/25/2025
 Instrument ID: MSVOA_N Time Analyzed: 09:37
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	238788	13.771				
UPPER LIMIT	477576	14.271				
LOWER LIMIT	119394	13.271				
EPA SAMPLE NO.						
MW-19A-082125	228100	13.77				
MW-19B-082125DL	189663	13.77				
MW-19B-082125DL2	175402	13.77				
MW-19C-082125	205053	13.77				
FB-02-082125	182948	13.77				
TB	204728	13.77				
VN0825WBL01	182604	13.77				
VN0825WBS01	202288	13.77				
VN0825WBSD01	204092	13.77				

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:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0822WBL01		SDG No.:	Q2936
Lab Sample ID:	VN0822WBL01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087630.D	1	08/22/25 10:47	VN082225

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:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0822WBL01		SDG No.:	Q2936
Lab Sample ID:	VN0822WBL01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087630.D	1	08/22/25 10:47	VN082225

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	53.7		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	48.2		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	213000	8.206			
540-36-3	1,4-Difluorobenzene	480000	9.083			
3114-55-4	Chlorobenzene-d5	448000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	206000	13.77			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0822WBL01		SDG No.:	Q2936
Lab Sample ID:	VN0822WBL01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087630.D	1	08/22/25 10:47	VN082225

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:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0825WBL01	SDG No.:	Q2936	
Lab Sample ID:	VN0825WBL01	Matrix:	Water	
Analytical Method:	8260D	% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	
Soil Aliquot Vol:			uL	
GC Column:	RXI-624	ID :	0.25	
Prep Method :		Level :	LOW	
		Final Vol:	5000	uL
		Test:	VOC-TCLVOA-10	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087649.D	1	08/25/25 10:33	VN082525

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:	AECOM		Date Collected:		
Project:	National Grid Equity - Brooklyn NY		Date Received:		
Client Sample ID:	VN0825WBL01		SDG No.:	Q2936	
Lab Sample ID:	VN0825WBL01		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087649.D	1	08/25/25 10:33	VN082525

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	52.3		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.2		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	190000	8.212			
540-36-3	1,4-Difluorobenzene	429000	9.082			
3114-55-4	Chlorobenzene-d5	404000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	183000	13.77			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0825WBL01		SDG No.:	Q2936
Lab Sample ID:	VN0825WBL01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087649.D	1	08/25/25 10:33	VN082525

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:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0822WBS01	SDG No.:	Q2936	
Lab Sample ID:	VN0822WBS01	Matrix:	Water	
Analytical Method:	8260D	% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	
Soil Aliquot Vol:			uL	
GC Column:	RXI-624	ID :	0.25	
Prep Method :		Level :	LOW	
		Final Vol:	5000	uL
		Test:	VOC-TCLVOA-10	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087631.D	1	08/22/25 11:16	VN082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.3		0.22	1.00	ug/L
74-87-3	Chloromethane	19.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.8		0.26	1.00	ug/L
74-83-9	Bromomethane	18.7		1.40	5.00	ug/L
75-00-3	Chloroethane	17.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.3		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.7		0.23	1.00	ug/L
67-64-1	Acetone	76.8		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	17.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	16.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	16.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.4		1.50	5.00	ug/L
78-93-3	2-Butanone	84.7		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.2		0.22	1.00	ug/L
67-66-3	Chloroform	17.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.4		0.16	1.00	ug/L
71-43-2	Benzene	17.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	16.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	16.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	16.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	85.5		0.68	5.00	ug/L
108-88-3	Toluene	16.9		0.14	1.00	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0822WBS01	SDG No.:	Q2936	
Lab Sample ID:	VN0822WBS01	Matrix:	Water	
Analytical Method:	8260D	% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	
Soil Aliquot Vol:			uL	
GC Column:	RXI-624	ID :	0.25	
Prep Method :		Level :	LOW	
		Final Vol:	5000	uL
		Test:	VOC-TCLVOA-10	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087631.D	1	08/22/25 11:16	VN082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	16.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	87.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	16.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	16.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	16.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	35.1		0.24	2.00	ug/L
95-47-6	o-Xylene	17.1		0.12	1.00	ug/L
100-42-5	Styrene	17.5		0.15	1.00	ug/L
75-25-2	Bromoform	17.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	16.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.1		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.8		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.8		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	46.3		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	46.8		86 - 113	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	241000	8.206			
540-36-3	1,4-Difluorobenzene	479000	9.082			
3114-55-4	Chlorobenzene-d5	432000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	215000	13.77			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0822WBS01		SDG No.:	Q2936
Lab Sample ID:	VN0822WBS01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087631.D	1	08/22/25 11:16	VN082225

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:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0825WBS01	SDG No.:	Q2936	
Lab Sample ID:	VN0825WBS01	Matrix:	Water	
Analytical Method:	8260D	% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	
Soil Aliquot Vol:			uL	
GC Column:	RXI-624	ID :	0.25	
Prep Method :		Level :	LOW	
		Final Vol:	5000	uL
		Test:	VOC-TCLVOA-10	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087650.D	1	08/25/25 12:21	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.6		0.22	1.00	ug/L
74-87-3	Chloromethane	19.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.6		0.26	1.00	ug/L
74-83-9	Bromomethane	19.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.9		0.23	1.00	ug/L
67-64-1	Acetone	92.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.50	5.00	ug/L
78-93-3	2-Butanone	90.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.3		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.0		0.22	1.00	ug/L
67-66-3	Chloroform	17.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.7		0.16	1.00	ug/L
71-43-2	Benzene	17.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	16.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	88.3		0.68	5.00	ug/L
108-88-3	Toluene	17.4		0.14	1.00	ug/L

Report of Analysis

Client:	AECOM		Date Collected:		
Project:	National Grid Equity - Brooklyn NY		Date Received:		
Client Sample ID:	VN0825WBS01		SDG No.:	Q2936	
Lab Sample ID:	VN0825WBS01		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087650.D	1	08/25/25 12:21	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.8		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.2		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	16.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	17.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.1		0.24	2.00	ug/L
95-47-6	o-Xylene	17.2		0.12	1.00	ug/L
100-42-5	Styrene	17.9		0.15	1.00	ug/L
75-25-2	Bromoform	18.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.1		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.9		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		75 - 124	92%	SPK: 50
2037-26-5	Toluene-d8	45.3		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.8		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	223000	8.206			
540-36-3	1,4-Difluorobenzene	452000	9.082			
3114-55-4	Chlorobenzene-d5	404000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	202000	13.77			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0825WBS01		SDG No.:	Q2936
Lab Sample ID:	VN0825WBS01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087650.D	1	08/25/25 12:21	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
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 E = Value Exceeds Calibration Range
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 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:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0825WBSD01		SDG No.:	Q2936
Lab Sample ID:	VN0825WBSD01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087651.D	1	08/25/25 12:56	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.7		0.22	1.00	ug/L
74-87-3	Chloromethane	19.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.0		0.26	1.00	ug/L
74-83-9	Bromomethane	18.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.9		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.23	1.00	ug/L
67-64-1	Acetone	85.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.4		1.50	5.00	ug/L
78-93-3	2-Butanone	90.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.8		0.22	1.00	ug/L
67-66-3	Chloroform	18.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.2		0.16	1.00	ug/L
71-43-2	Benzene	18.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.0		0.68	5.00	ug/L
108-88-3	Toluene	18.3		0.14	1.00	ug/L

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0825WBSD01		SDG No.:	Q2936
Lab Sample ID:	VN0825WBSD01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087651.D	1	08/25/25 12:56	VN082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	97.4		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	16.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.7		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.1		0.24	2.00	ug/L
95-47-6	o-Xylene	18.2		0.12	1.00	ug/L
100-42-5	Styrene	18.5		0.15	1.00	ug/L
75-25-2	Bromoform	18.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.1		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.1		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.4		74 - 125	93%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	46.2		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	231000	8.206			
540-36-3	1,4-Difluorobenzene	443000	9.083			
3114-55-4	Chlorobenzene-d5	414000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	204000	13.771			

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	National Grid Equity - Brooklyn NY		Date Received:	
Client Sample ID:	VN0825WBSD01		SDG No.:	Q2936
Lab Sample ID:	VN0825WBSD01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087651.D	1	08/25/25 12:56	VN082525

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



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>AECO02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q2936</u>
Instrument ID: <u>MSVOA_N</u>	Calibration Date(s): <u>08/21/2025</u> <u>08/21/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>12:09</u> <u>14:44</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID:		RRF001 = VN087619.D		RRF005 = VN087620.D		RRF020 = VN087621.D		
		RRF050 = VN087622.D		RRF100 = VN087623.D		RRF150 = VN087624.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.7
Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.3
Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.3
Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.2
Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.9
Trichlorofluoromethane	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.9
1,1,2-Trichlorotrifluoroethane	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.6
1,1-Dichloroethene	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.3
Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.3
Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.5
Methyl tert-butyl Ether	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.4
Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.3
Methylene Chloride	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.8
trans-1,2-Dichloroethene	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.8
1,1-Dichloroethane	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.3
Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.4
2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.3
Carbon Tetrachloride	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.1
cis-1,2-Dichloroethene	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.7
Bromochloromethane	0.800	0.781	0.722	0.701	0.748	0.731	0.747	5
Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4
1,1,1-Trichloroethane	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.8
Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.3
Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.9
1,2-Dichloroethane	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.5
Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.5
1,2-Dichloropropane	0.544	0.435	0.447	0.433	0.415	0.412	0.448	11
Bromodichloromethane	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3
4-Methyl-2-Pentanone	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.5
Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5

* 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>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2936</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date(s):	<u>08/21/2025</u> <u>08/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Calibration Time(s):	<u>12:09</u> <u>14:44</u>
GC Column:	<u>RXI-624</u> ID: <u>0.25</u> (mm)		

LAB FILE ID:								
RRF001 = VN087619.D			RRF005 = VN087620.D			RRF020 = VN087621.D		
RRF050 = VN087622.D			RRF100 = VN087623.D			RRF150 = VN087624.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.620	0.628	0.691	0.703	0.699	0.715	0.676	6.1
cis-1,3-Dichloropropene	0.717	0.640	0.712	0.718	0.714	0.710	0.702	4.3
1,1,2-Trichloroethane	0.439	0.383	0.417	0.408	0.400	0.397	0.407	4.7
2-Hexanone	0.295	0.390	0.493	0.510	0.508	0.507	0.451	19.8
Dibromochloromethane	0.535	0.440	0.458	0.466	0.465	0.468	0.472	6.8
1,2-Dibromoethane	0.412	0.433	0.444	0.432	0.429	0.427	0.430	2.4
Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.9
Chlorobenzene	1.408	1.164	1.253	1.210	1.216	1.212	1.244	6.9
Ethyl Benzene	2.232	1.993	2.224	2.144	2.152	2.178	2.154	4
m/p-Xylenes	0.759	0.735	0.811	0.812	0.808	0.814	0.790	4.3
o-Xylene	0.777	0.707	0.794	0.796	0.788	0.784	0.774	4.3
Styrene	1.142	1.086	1.391	1.382	1.386	1.393	1.297	11
Bromoform	0.303	0.285	0.320	0.320	0.336	0.336	0.317	6.3
Isopropylbenzene	4.328	3.674	4.096	4.026	3.998	4.120	4.040	5.3
1,1,2,2-Tetrachloroethane	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.1
1,3-Dichlorobenzene	2.087	1.770	1.940	1.827	1.806	1.826	1.876	6.3
1,4-Dichlorobenzene	2.348	1.884	1.956	1.867	1.818	1.841	1.952	10.2
1,2-Dichlorobenzene	1.942	1.662	1.853	1.755	1.723	1.743	1.780	5.7
1,2-Dibromo-3-Chloropropane	0.370	0.323	0.329	0.317	0.313	0.330	0.330	6.2
1,2,4-Trichlorobenzene	1.192	0.995	1.081	1.026	1.040	1.079	1.069	6.4
1,2,3-Trichlorobenzene	1.140	0.972	1.059	1.006	1.019	1.072	1.045	5.7
1,2-Dichloroethane-d4		1.025	1.016	0.959	1.035	1.089	1.024	4.5
Dibromofluoromethane		0.369	0.344	0.334	0.373	0.386	0.361	6
Toluene-d8		1.384	1.266	1.223	1.408	1.475	1.351	7.7
4-Bromofluorobenzene		0.446	0.454	0.450	0.514	0.540	0.481	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 CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2936</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>08/22/2025</u> <u>09:16</u>
Lab File ID:	<u>VN087628.D</u>	Init. Calib. Date(s):	<u>08/21/2025</u> <u>08/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:09</u> <u>14:44</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.679		-4.37	20
Chloromethane	0.730	0.681	0.1	-6.71	20
Vinyl Chloride	0.846	0.767		-9.34	20
Bromomethane	0.437	0.424		-2.97	20
Chloroethane	0.595	0.494		-16.98	20
Trichlorofluoromethane	1.240	1.096		-11.61	20
1,1,2-Trichlorotrifluoroethane	0.701	0.600		-14.41	20
1,1-Dichloroethene	0.721	0.601		-16.64	20
Acetone	0.558	0.441		-20.97	20
Carbon Disulfide	1.985	1.733		-12.69	20
Methyl tert-butyl Ether	2.704	2.325		-14.02	20
Methyl Acetate	1.168	0.962		-17.64	20
Methylene Chloride	0.948	0.708		-25.32	20
trans-1,2-Dichloroethene	0.781	0.645		-17.41	20
1,1-Dichloroethane	1.546	1.280	0.1	-17.21	20
Cyclohexane	1.289	1.096		-14.97	20
2-Butanone	0.734	0.598		-18.53	20
Carbon Tetrachloride	0.547	0.489		-10.6	20
cis-1,2-Dichloroethene	0.934	0.772		-17.34	20
Bromochloromethane	0.747	0.666		-10.84	20
Chloroform	1.578	1.337		-15.27	20
1,1,1-Trichloroethane	1.337	1.127		-15.71	20
Methylcyclohexane	0.610	0.520		-14.75	20
Benzene	1.699	1.461		-14.01	20
1,2-Dichloroethane	0.653	0.552		-15.47	20
Trichloroethene	0.388	0.326		-15.98	20
1,2-Dichloropropane	0.448	0.373		-16.74	20
Bromodichloromethane	0.653	0.559		-14.4	20
4-Methyl-2-Pentanone	0.713	0.611		-14.31	20
Toluene	1.053	0.898		-14.72	20
t-1,3-Dichloropropene	0.676	0.604		-10.65	20
cis-1,3-Dichloropropene	0.702	0.621		-11.54	20
1,1,2-Trichloroethane	0.407	0.348		-14.5	20
2-Hexanone	0.451	0.424		-5.99	20
Dibromochloromethane	0.472	0.400		-15.25	20
1,2-Dibromoethane	0.430	0.371		-13.72	20
Tetrachloroethene	0.347	0.281		-19.02	20
Chlorobenzene	1.244	1.054	0.3	-15.27	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>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2936</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>08/22/2025</u> <u>09:16</u>
Lab File ID:	<u>VN087628.D</u>	Init. Calib. Date(s):	<u>08/21/2025</u> <u>08/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:09</u> <u>14:44</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.154	1.905		-11.56	20
m/p-Xylenes	0.790	0.715		-9.49	20
o-Xylene	0.774	0.678		-12.4	20
Styrene	1.297	1.191		-8.17	20
Bromoform	0.317	0.288	0.1	-9.15	20
Isopropylbenzene	4.040	3.595		-11.02	20
1,1,2,2-Tetrachloroethane	1.391	1.185	0.3	-14.81	20
1,3-Dichlorobenzene	1.876	1.610		-14.18	20
1,4-Dichlorobenzene	1.952	1.632		-16.39	20
1,2-Dichlorobenzene	1.780	1.525		-14.33	20
1,2-Dibromo-3-Chloropropane	0.330	0.270		-18.18	20
1,2,4-Trichlorobenzene	1.069	0.904		-15.44	20
1,2,3-Trichlorobenzene	1.045	0.875		-16.27	20
1,2-Dichloroethane-d4	1.024	0.925		-9.67	20
Dibromofluoromethane	0.361	0.327		-9.42	20
Toluene-d8	1.351	1.221		-9.62	20
4-Bromofluorobenzene	0.481	0.443		-7.9	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>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2936</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>08/25/2025 09:37</u>
Lab File ID:	<u>VN087647.D</u>	Init. Calib. Date(s):	<u>08/21/2025 08/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:09 14:44</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.739		4.09	20
Chloromethane	0.730	0.705	0.1	-3.42	20
Vinyl Chloride	0.846	0.778		-8.04	20
Bromomethane	0.437	0.430		-1.6	20
Chloroethane	0.595	0.545		-8.4	20
Trichlorofluoromethane	1.240	1.160		-6.45	20
1,1,2-Trichlorotrifluoroethane	0.701	0.637		-9.13	20
1,1-Dichloroethene	0.721	0.637		-11.65	20
Acetone	0.558	0.579		3.76	20
Carbon Disulfide	1.985	1.818		-8.41	20
Methyl tert-butyl Ether	2.704	2.628		-2.81	20
Methyl Acetate	1.168	1.177		0.77	20
Methylene Chloride	0.948	0.767		-19.09	20
trans-1,2-Dichloroethene	0.781	0.689		-11.78	20
1,1-Dichloroethane	1.546	1.366	0.1	-11.64	20
Cyclohexane	1.289	1.137		-11.79	20
2-Butanone	0.734	0.754		2.72	20
Carbon Tetrachloride	0.547	0.522		-4.57	20
cis-1,2-Dichloroethene	0.934	0.847		-9.31	20
Bromochloromethane	0.747	0.632		-15.4	20
Chloroform	1.578	1.444		-8.49	20
1,1,1-Trichloroethane	1.337	1.225		-8.38	20
Methylcyclohexane	0.610	0.578		-5.25	20
Benzene	1.699	1.596		-6.06	20
1,2-Dichloroethane	0.653	0.611		-6.43	20
Trichloroethene	0.388	0.345		-11.08	20
1,2-Dichloropropane	0.448	0.413		-7.81	20
Bromodichloromethane	0.653	0.623		-4.59	20
4-Methyl-2-Pentanone	0.713	0.738		3.51	20
Toluene	1.053	0.966		-8.26	20
t-1,3-Dichloropropene	0.676	0.666		-1.48	20
cis-1,3-Dichloropropene	0.702	0.693		-1.28	20
1,1,2-Trichloroethane	0.407	0.405		-0.49	20
2-Hexanone	0.451	0.505		11.97	20
Dibromochloromethane	0.472	0.454		-3.81	20
1,2-Dibromoethane	0.430	0.421		-2.09	20
Tetrachloroethene	0.347	0.307		-11.53	20
Chlorobenzene	1.244	1.143	0.3	-8.12	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>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2936</u>
Instrument ID:	<u>MSVOA_N</u>	Calibration Date/Time:	<u>08/25/2025 09:37</u>
Lab File ID:	<u>VN087647.D</u>	Init. Calib. Date(s):	<u>08/21/2025 08/21/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>12:09 14:44</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.154	2.040		-5.29	20
m/p-Xylenes	0.790	0.773		-2.15	20
o-Xylene	0.774	0.738		-4.65	20
Styrene	1.297	1.307		0.77	20
Bromoform	0.317	0.327	0.1	3.15	20
Isopropylbenzene	4.040	3.706		-8.27	20
1,1,2,2-Tetrachloroethane	1.391	1.318	0.3	-5.25	20
1,3-Dichlorobenzene	1.876	1.729		-7.84	20
1,4-Dichlorobenzene	1.952	1.749		-10.4	20
1,2-Dichlorobenzene	1.780	1.675		-5.9	20
1,2-Dibromo-3-Chloropropane	0.330	0.330		0	20
1,2,4-Trichlorobenzene	1.069	1.006		-5.89	20
1,2,3-Trichlorobenzene	1.045	0.985		-5.74	20
1,2-Dichloroethane-d4	1.024	0.883		-13.77	20
Dibromofluoromethane	0.361	0.318		-11.91	20
Toluene-d8	1.351	1.167		-13.62	20
4-Bromofluorobenzene	0.481	0.422		-12.27	20

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