284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : NATIONAL GRID EQUITY - BROOKLYN NY

AECOM

605 3rd Avenue

29th Floor

New York, NY - 10158

Phone No: 212-973-2900

ORDER ID : Q2903

ATTENTION : Peter S

Laboratory Certification ID # 20012

Table Of Contents for Q2903

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Cover Page

Order ID : Q2903

Project ID : National Grid Equity - Brooklyn NY

Client : AECOM

Lab Sample Number	Client Sample Number
Q2903-01	MW-6A-081925
Q2903-02	MW-1C-081925
Q2903-03	MW-6B-081925
Q2903-04	MW-1B-081925
Q2903-05	MW-6B-081925MS
Q2903-06	MW-6B-081925MSD
Q2903-07	MW-12B-081925
Q2903-08	MW-18B-081925
Q2903-09	DUP-02-081925
Q2903-10	MW-17A-081925
Q2903-11	MW-18A-081925
Q2903-12	MW-16B-081925
Q2903-13	TB

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____ Date: 8/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

AECOM
Project Name: National Grid Equity - Brooklyn NY
Project # N/A
Order ID # Q2903
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
13 Water samples were received on 08/19/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for MW-1C-081925 [1,2-Dichloroethane-d4 - 130%], MW-1C-081925RE [1,2-Dichloroethane-d4 - 132%, 4-Bromofluorobenzene - 124%], All the failure samples in surrogates was reanalyzed to confirm the failure as per method and reported, MW-6B-081925MS [1,2-Dichloroethane-d4 - 131%], MW-6B-081925MSD [1,2-Dichloroethane-d4 - 146%, 4-Bromofluorobenzene - 130%, Dibromofluoromethane - 128%, Toluene-d8 - 122%]Surrogate failing for MS-MSD but Original sample passing for that therefore no corrective action taken and MW-12B-081925 [4-Bromofluorobenzene - 123%]Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2903-05MS} with File ID: VX047507.D recoveries met the requirements for all compounds except for 1,3-Dichlorobenzene[83%] due to matrix interference.

The MSD {Q2903-06MSD} with File ID: VX047508.D recoveries met the requirements for all compounds except for 2-Butanone[140%], Bromochloromethane[137%],

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Chloroform[122%], Methyl Acetate[147%] and Methylene Chloride[119%]due to matrix interference.

The RPD for {Q2903-06MSD} with File ID: VX047508.D met criteria except for Bromomethane[25%]due to difference in results of MS-MSD.

The Blank Spike for {VX0825WBS01} with File ID: VX047514.D met requirements for all compounds except for Bromochloromethane[138%]failing high but no positive hit in associated sample therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID VX047511.D met the requirements except for 2-Butanone and Methyl Acetate failing high but no positive hit in associated sample therefore no corrective action taken.

The Tuning criteria met requirements.

Sample MW-12B-081925 was diluted due to high concentration.

E. Additional Comments:
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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CASE NARRATIVE

AECOM
Project Name: National Grid Equity - Brooklyn NY
Project # N/A
Order ID # Q2903
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
12 Water samples were received on 08/19/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2903-05MS} with File ID: BF143570.D recoveries met the requirements for all compounds except for 1,2,4,5-Tetrachlorobenzene[78%] and Hexachlorobutadiene[50%]. Recovery failed due to matrix interference.

The MSD {Q2903-06MSD} with File ID: BF143571.D recoveries met the requirements for all compounds except for 1,2,4,5-Tetrachlorobenzene[76%], 1,4-Dioxane[37%] and Hexachlorobutadiene[49%] due to matrix interference.

The RPD were met for all analysis.

The Blank Spike for {PB169330BS} with File ID: BF143565.D met requirements for all compounds except for Butylbenzylphthalate[111%], Di-n-butylphthalate[116%]. Recovery failed high side and associated samples does not have hit for these, Therefor no further corrective action was taken.

The Blank analysis did not indicate the presence of lab contamination.

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The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF082025.M) for Hexachlorocyclopentadiene, 2,4-Dinitrophenol these Compounds are passing on Linear regression.

The Continuous Calibration File ID BP025544.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Failed high but associated samples has no hit for these compounds, Therefor no further corrective action was taken.

The Tuning criteria met requirements.

Samples MW-18A-081925 was diluted due to viscous and concentrated matrix.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2903

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 08/29/2025

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LAB CHRONICLE

OrderID:	Q2903	**OrderDate:**	8/19/2025 3:36:00 PM
Client:	AECOM	**Project:**	National Grid Equity - Brooklyn NY
Contact:	Peter S	**Location:**	J11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2903-01	**MW-6A-081925**	**Water**			**08/19/25**			**08/19/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2903-02	**MW-1C-081925**	**Water**			**08/19/25**			**08/19/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2903-02RE	**MW-1C-081925RE**	**Water**			**08/19/25**			**08/19/25**
			VOC-TCLVOA-10	8260D			08/22/25	
Q2903-03	**MW-6B-081925**	**Water**			**08/19/25**			**08/19/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2903-04	**MW-1B-081925**	**Water**			**08/19/25**			**08/19/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2903-07	**MW-12B-081925**	**Water**			**08/19/25**			**08/19/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2903-07DL	**MW-12B-081925DL**	**Water**			**08/19/25**			**08/19/25**
			VOC-TCLVOA-10	8260D			08/22/25	
Q2903-08	**MW-18B-081925**	**Water**			**08/19/25**			**08/19/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2903-09	**DUP-02-081925**	**Water**			**08/19/25**			**08/19/25**
			VOC-TCLVOA-10	8260D			08/22/25	
Q2903-10	**MW-17A-081925**	**Water**			**08/19/25**			**08/19/25**
			VOC-TCLVOA-10	8260D			08/22/25	
Q2903-11	**MW-18A-081925**	**Water**			**08/19/25**			**08/19/25**
			VOC-TCLVOA-10	8260D			08/22/25	
Q2903-12	**MW-16B-081925**	**Water**			**08/19/25**			**08/19/25**

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LAB CHRONICLE

			VOC-TCLVOA-10	8260D		08/22/25	
Q2903-13	**TB**	**Water**			**08/19/25**		**08/19/25**
			VOC-TCLVOA-10	8260D		08/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW-6A-081925**								
Q2903-01	MW-6A-081925	Water	Acetone		3.60	J	1.50	25.0	ug/L
Q2903-01	MW-6A-081925	Water	Carbon Disulfide		0.45	J	0.21	5.00	ug/L
Q2903-01	MW-6A-081925	Water	Methylcyclohexane		1.00	J	0.16	5.00	ug/L
			Total Voc :		5.05				
Q2903-01	MW-6A-081925	Water	Sulfur dioxide	*	88.3	J	0	0	ug/L
			Total Tics :		88.3				
			Total Concentration:		93.3				
Client ID:	**MW-1C-081925**								
Q2903-02	MW-1C-081925	Water	Acetone		2.40	J	1.50	25.0	ug/L
Q2903-02	MW-1C-081925	Water	Carbon Disulfide		0.54	J	0.21	5.00	ug/L
Q2903-02	MW-1C-081925	Water	trans-1,2-Dichloroethene		6.90		0.23	5.00	ug/L
Q2903-02	MW-1C-081925	Water	cis-1,2-Dichloroethene		13.9		0.19	5.00	ug/L
Q2903-02	MW-1C-081925	Water	1,2-Dichloroethane		0.36	J	0.22	5.00	ug/L
Q2903-02	MW-1C-081925	Water	Trichloroethene		9.70		0.090	5.00	ug/L
Q2903-02	MW-1C-081925	Water	Toluene		0.81	J	0.14	5.00	ug/L
Q2903-02	MW-1C-081925	Water	Tetrachloroethene		36.9		0.23	5.00	ug/L
Q2903-02	MW-1C-081925	Water	Ethyl Benzene		9.60		0.13	5.00	ug/L
Q2903-02	MW-1C-081925	Water	m/p-Xylenes		1.90	J	0.24	10.0	ug/L
Q2903-02	MW-1C-081925	Water	o-Xylene		3.50	J	0.12	5.00	ug/L
Q2903-02	MW-1C-081925	Water	Isopropylbenzene		2.00	J	0.12	5.00	ug/L
			Total Voc :		88.5				
Q2903-02	MW-1C-081925	Water	Indene	*	8.90	J	0	0	ug/L
Q2903-02	MW-1C-081925	Water	Benzene, 1,2,3-trimethyl-	*	8.10	J	0	0	ug/L
Q2903-02	MW-1C-081925	Water	o-Cymene	*	8.80	J	0	0	ug/L
Q2903-02	MW-1C-081925	Water	Naphthalene, 2,3-dimethyl-	*	9.90	J	0	0	ug/L
Q2903-02	MW-1C-081925	Water	Benzene, cyclopropyl-	*	9.10	J	0	0	ug/L
Q2903-02	MW-1C-081925	Water	2-Methylindene	*	15.0	J	0	0	ug/L
Q2903-02	MW-1C-081925	Water	Sulfur dioxide	*	73.9	J	0	0	ug/L
Q2903-02	MW-1C-081925	Water	n-propylbenzene	*	1.40	J	0.13	5.00	ug/L
Q2903-02	MW-1C-081925	Water	1,3,5-Trimethylbenzene	*	0.71	J	0.15	5.00	ug/L
Q2903-02	MW-1C-081925	Water	1,2,4-Trimethylbenzene	*	7.10	J	0.14	5.00	ug/L
			Total Tics :		143				
			Total Concentration:		231				
Client ID:	**MW-1C-081925RE**								
Q2903-02RE	MW-1C-081925RE	Water	Acetone		3.50	J	1.50	25.0	ug/L
Q2903-02RE	MW-1C-081925RE	Water	Carbon Disulfide		0.36	J	0.21	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2903-02RE	MW-1C-081925RE	Water	trans-1,2-Dichloroethene		6.90		0.23	5.00	ug/L
Q2903-02RE	MW-1C-081925RE	Water	cis-1,2-Dichloroethene		15.1		0.19	5.00	ug/L
Q2903-02RE	MW-1C-081925RE	Water	1,2-Dichloroethane		0.39	J	0.22	5.00	ug/L
Q2903-02RE	MW-1C-081925RE	Water	Trichloroethene		10.9		0.090	5.00	ug/L
Q2903-02RE	MW-1C-081925RE	Water	Toluene		0.87	J	0.14	5.00	ug/L
Q2903-02RE	MW-1C-081925RE	Water	Tetrachloroethene		40.9		0.23	5.00	ug/L
Q2903-02RE	MW-1C-081925RE	Water	Ethyl Benzene		10.1		0.13	5.00	ug/L
Q2903-02RE	MW-1C-081925RE	Water	m/p-Xylenes		1.90	J	0.24	10.0	ug/L
Q2903-02RE	MW-1C-081925RE	Water	o-Xylene		3.60	J	0.12	5.00	ug/L
Q2903-02RE	MW-1C-081925RE	Water	Isopropylbenzene		2.10	J	0.12	5.00	ug/L
			Total Voc :		96.6				
			Total Concentration:		96.6				
Client ID:	**MW-6B-081925**								
Q2903-03	MW-6B-081925	Water	Acetone		2.80	J	1.50	25.0	ug/L
Q2903-03	MW-6B-081925	Water	Carbon Disulfide		0.39	J	0.21	5.00	ug/L
Q2903-03	MW-6B-081925	Water	cis-1,2-Dichloroethene		0.36	J	0.19	5.00	ug/L
Q2903-03	MW-6B-081925	Water	Benzene		0.43	J	0.15	5.00	ug/L
			Total Voc :		3.98				
Q2903-03	MW-6B-081925	Water	Sulfur dioxide	*	49.8	J	0	0	ug/L
			Total Tics :		49.8				
			Total Concentration:		53.8				
Client ID:	**MW-1B-081925**								
Q2903-04	MW-1B-081925	Water	Acetone		3.00	J	1.50	25.0	ug/L
Q2903-04	MW-1B-081925	Water	Carbon Disulfide		0.32	J	0.21	5.00	ug/L
Q2903-04	MW-1B-081925	Water	trans-1,2-Dichloroethene		1.30	J	0.23	5.00	ug/L
Q2903-04	MW-1B-081925	Water	cis-1,2-Dichloroethene		7.00		0.19	5.00	ug/L
Q2903-04	MW-1B-081925	Water	Benzene		0.31	J	0.15	5.00	ug/L
Q2903-04	MW-1B-081925	Water	Trichloroethene		9.30		0.090	5.00	ug/L
Q2903-04	MW-1B-081925	Water	1,2-Dichloropropane		0.52	J	0.20	5.00	ug/L
Q2903-04	MW-1B-081925	Water	Tetrachloroethene		28.9		0.23	5.00	ug/L
Q2903-04	MW-1B-081925	Water	Chlorobenzene		0.42	J	0.12	5.00	ug/L
			Total Voc :		51.1				
Q2903-04	MW-1B-081925	Water	Sulfur dioxide	*	35.2	J	0	0	ug/L
			Total Tics :		35.2				
			Total Concentration:		86.3				
Client ID:	**MW-12B-081925**								
Q2903-07	MW-12B-081925	Water	Acetone		4.80	J	1.50	25.0	ug/L
Q2903-07	MW-12B-081925	Water	Carbon Disulfide		0.30	J	0.21	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2903-07	MW-12B-081925	Water	trans-1,2-Dichloroethene		0.76	J	0.23	5.00	ug/L
Q2903-07	MW-12B-081925	Water	Cyclohexane		2.00	J	1.50	5.00	ug/L
Q2903-07	MW-12B-081925	Water	cis-1,2-Dichloroethene		0.34	J	0.19	5.00	ug/L
Q2903-07	MW-12B-081925	Water	Methylcyclohexane		1.80	J	0.16	5.00	ug/L
Q2903-07	MW-12B-081925	Water	Benzene		350	E	0.15	5.00	ug/L
Q2903-07	MW-12B-081925	Water	Toluene		0.65	J	0.14	5.00	ug/L
Q2903-07	MW-12B-081925	Water	Ethyl Benzene		1.20	J	0.13	5.00	ug/L
Q2903-07	MW-12B-081925	Water	m/p-Xylenes		1.60	J	0.24	10.0	ug/L
Q2903-07	MW-12B-081925	Water	o-Xylene		2.50	J	0.12	5.00	ug/L
Q2903-07	MW-12B-081925	Water	Isopropylbenzene		12.2		0.12	5.00	ug/L
			Total Voc :		378				
Q2903-07	MW-12B-081925	Water	1-Propene, 2-methyl-	*	11.0	J	0	0	ug/L
Q2903-07	MW-12B-081925	Water	Indane	*	500	J	0	0	ug/L
Q2903-07	MW-12B-081925	Water	Benzene, 1,2,3-trimethyl-	*	6.70	J	0	0	ug/L
Q2903-07	MW-12B-081925	Water	Benzene, 1-ethyl-2-methyl-	*	13.3	J	0	0	ug/L
Q2903-07	MW-12B-081925	Water	1H-Indene, 1-methyl-	*	10.4	J	0	0	ug/L
Q2903-07	MW-12B-081925	Water	Benzene, 2-ethenyl-1,4-dimeth	*	9.80	J	0	0	ug/L
Q2903-07	MW-12B-081925	Water	Sulfur dioxide	*	20.7	J	0	0	ug/L
Q2903-07	MW-12B-081925	Water	Benzene, 1-ethenyl-3-ethyl-	*	12.7	J	0	0	ug/L
Q2903-07	MW-12B-081925	Water	n-propylbenzene	*	1.10	J	0.13	5.00	ug/L
Q2903-07	MW-12B-081925	Water	1,3,5-Trimethylbenzene	*	0.51	J	0.15	5.00	ug/L
Q2903-07	MW-12B-081925	Water	1,2,4-Trimethylbenzene	*	2.00	J	0.14	5.00	ug/L
			Total Tics :		588				
			Total Concentration:		966				
Client ID:	**MW-12B-081925DL**								
Q2903-07DL	MW-12B-081925DL	Water	Methylcyclohexane		2.20	JD	1.60	50.0	ug/L
Q2903-07DL	MW-12B-081925DL	Water	Benzene		400	D	1.50	50.0	ug/L
Q2903-07DL	MW-12B-081925DL	Water	Ethyl Benzene		2.00	JD	1.30	50.0	ug/L
Q2903-07DL	MW-12B-081925DL	Water	m/p-Xylenes		2.50	JD	2.40	100	ug/L
Q2903-07DL	MW-12B-081925DL	Water	o-Xylene		3.20	JD	1.20	50.0	ug/L
Q2903-07DL	MW-12B-081925DL	Water	Isopropylbenzene		14.3	JD	1.20	50.0	ug/L
			Total Voc :		424				
			Total Concentration:		424				
Client ID:	**MW-18B-081925**								
Q2903-08	MW-18B-081925	Water	Acetone		3.00	J	1.50	25.0	ug/L
Q2903-08	MW-18B-081925	Water	Carbon Disulfide		1.10	J	0.21	5.00	ug/L
Q2903-08	MW-18B-081925	Water	Benzene		0.43	J	0.15	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2903-08	MW-18B-081925	Water	Isopropylbenzene		0.48	J	0.12	5.00	ug/L
			Total Voc :		5.01				
Q2903-08	MW-18B-081925	Water	Sulfur dioxide	*	220	J	0	0	ug/L
			Total Tics :		220				
			Total Concentration:		225				
Client ID:	**DUP-02-081925**								
Q2903-09	DUP-02-081925	Water	Acetone		2.40	J	1.50	25.0	ug/L
Q2903-09	DUP-02-081925	Water	Carbon Disulfide		1.30	J	0.21	5.00	ug/L
Q2903-09	DUP-02-081925	Water	Isopropylbenzene		0.49	J	0.12	5.00	ug/L
			Total Voc :		4.19				
Q2903-09	DUP-02-081925	Water	Sulfur dioxide	*	200	J	0	0	ug/L
			Total Tics :		200				
			Total Concentration:		204				
Client ID:	**MW-17A-081925**								
Q2903-10	MW-17A-081925	Water	Acetone		5.90	J	1.50	25.0	ug/L
			Total Voc :		5.90				
Q2903-10	MW-17A-081925	Water	Sulfur dioxide	*	220	J	0	0	ug/L
			Total Tics :		220				
			Total Concentration:		226				
Client ID:	**MW-18A-081925**								
Q2903-11	MW-18A-081925	Water	Acetone		34.0		1.50	25.0	ug/L
Q2903-11	MW-18A-081925	Water	Carbon Disulfide		1.50	J	0.21	5.00	ug/L
Q2903-11	MW-18A-081925	Water	Methyl tert-butyl Ether		0.45	J	0.16	5.00	ug/L
Q2903-11	MW-18A-081925	Water	Methylcyclohexane		0.31	J	0.16	5.00	ug/L
Q2903-11	MW-18A-081925	Water	Benzene		25.3		0.15	5.00	ug/L
Q2903-11	MW-18A-081925	Water	Toluene		7.40		0.14	5.00	ug/L
Q2903-11	MW-18A-081925	Water	Ethyl Benzene		11.7		0.13	5.00	ug/L
Q2903-11	MW-18A-081925	Water	m/p-Xylenes		17.1		0.24	10.0	ug/L
Q2903-11	MW-18A-081925	Water	o-Xylene		13.0		0.12	5.00	ug/L
Q2903-11	MW-18A-081925	Water	Styrene		2.60	J	0.15	5.00	ug/L
Q2903-11	MW-18A-081925	Water	Isopropylbenzene		1.30	J	0.12	5.00	ug/L
			Total Voc :		115				
Q2903-11	MW-18A-081925	Water	Indene	*	9.60	J	0	0	ug/L
Q2903-11	MW-18A-081925	Water	Indane	*	21.9	J	0	0	ug/L
Q2903-11	MW-18A-081925	Water	Benzene, 1,2,3-trimethyl-	*	10.1	J	0	0	ug/L
Q2903-11	MW-18A-081925	Water	Benzene, 1-ethyl-2-methyl-	*	13.0	J	0	0	ug/L
Q2903-11	MW-18A-081925	Water	Benzene, 1-ethyl-4-methyl-	*	7.20	J	0	0	ug/L
Q2903-11	MW-18A-081925	Water	Benzene, 2-ethenyl-1,4-dimeth	*	9.20	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2903-11	MW-18A-081925	Water	Sulfur dioxide	*	270	J	0	0	ug/L
Q2903-11	MW-18A-081925	Water	n-propylbenzene	*	1.70	J	0.13	5.00	ug/L
Q2903-11	MW-18A-081925	Water	1,3,5-Trimethylbenzene	*	7.10	J	0.15	5.00	ug/L
Q2903-11	MW-18A-081925	Water	1,2,4-Trimethylbenzene	*	22.4	J	0.14	5.00	ug/L
			Total Tics :		372				
			Total Concentration:		487				
Client ID:	**MW-16B-081925**								
Q2903-12	MW-16B-081925	Water	Acetone		4.90	J	1.50	25.0	ug/L
			Total Voc :		4.90				
Q2903-12	MW-16B-081925	Water	Sulfur dioxide	*	210	J	0	0	ug/L
			Total Tics :		210				
			Total Concentration:		215				

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047472.D	1	08/21/25 15:53	VX082125

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	3.60	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.45	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	1.00	J	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047472.D	1	08/21/25 15:53	VX082125

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	59.4		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.0		77 - 121	116%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	212000	5.562			
540-36-3	1,4-Difluorobenzene	434000	6.769			
3114-55-4	Chlorobenzene-d5	433000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	229000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-01	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047472.D	1	08/21/25 15:53	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	88.3	J		1.26	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047473.D	1	08/21/25 16:14	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	2.40	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.54	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	6.90		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	13.9		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	0.36	J	0.22	5.00	ug/L
79-01-6	Trichloroethene	9.70		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	0.81	J	0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047473.D	1	08/21/25 16:14	VX082125

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	36.9		0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	9.60		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	1.90	J	0.24	10.0	ug/L
95-47-6	o-Xylene	3.50	J	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	2.00	J	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.0	*	74 - 125	130%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	50.6		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.6		77 - 121	119%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	228000	5.562			
540-36-3	1,4-Difluorobenzene	475000	6.769			
3114-55-4	Chlorobenzene-d5	480000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	255000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047473.D	1	08/21/25 16:14	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	73.9	J		1.26	ug/L
103-65-1	n-propylbenzene	1.40	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.71	J		11.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	7.10	J		11.8	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	8.10	J		12.1	ug/L
000873-49-4	Benzene, cyclopropyl-	9.10	J		12.2	ug/L
000095-13-6	Indene	8.90	J		12.4	ug/L
000527-84-4	o-Cymene	8.80	J		12.6	ug/L
002177-47-1	2-Methylindene	15.0	J		13.4	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	9.90	J		15.6	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925RE	SDG No.:	Q2903
Lab Sample ID:	Q2903-02RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047493.D	1	08/22/25 13:37	VX082225

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	3.50	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.36	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	6.90		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	15.1		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	0.39	J	0.22	5.00	ug/L
79-01-6	Trichloroethene	10.9		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	0.87	J	0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925RE	SDG No.:	Q2903
Lab Sample ID:	Q2903-02RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047493.D	1	08/22/25 13:37	VX082225

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	40.9		0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	10.1		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	1.90	J	0.24	10.0	ug/L
95-47-6	o-Xylene	3.60	J	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	2.10	J	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.9	*	74 - 125	132%	SPK: 50
1868-53-7	Dibromofluoromethane	54.5		75 - 124	109%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	61.9	*	77 - 121	124%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	215000	5.568			
540-36-3	1,4-Difluorobenzene	439000	6.769			
3114-55-4	Chlorobenzene-d5	454000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	241000	12.018			

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925RE	SDG No.:	Q2903
Lab Sample ID:	Q2903-02RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047493.D	1	08/22/25 13:37	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047475.D	1	08/21/25 16:56	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	2.80	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.39	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.36	J	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	0.43	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047475.D	1	08/21/25 16:56	VX082125

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	61.3		74 - 125	123%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.5		77 - 121	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	226000	5.568			
540-36-3	1,4-Difluorobenzene	470000	6.769			
3114-55-4	Chlorobenzene-d5	476000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	250000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047475.D	1	08/21/25 16:56	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	49.8	J		1.26	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047476.D	1	08/21/25 17:17	VX082125

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	3.00	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.30	J	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	7.00		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	0.31	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	9.30		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.52	J	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047476.D	1	08/21/25 17:17	VX082125

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	28.9		0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.42	J	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	58.6		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.0		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	202000	5.568			
540-36-3	1,4-Difluorobenzene	411000	6.769			
3114-55-4	Chlorobenzene-d5	411000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	212000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047476.D	1	08/21/25 17:17	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	35.2	J		1.26	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047479.D	1	08/21/25 18:21	VX082125

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	4.80	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.30	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.76	J	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	2.00	J	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	0.34	J	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	1.80	J	0.16	5.00	ug/L
71-43-2	Benzene	350	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	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	0.65	J	0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047479.D	1	08/21/25 18:21	VX082125

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	1.20	J	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	1.60	J	0.24	10.0	ug/L
95-47-6	o-Xylene	2.50	J	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	12.2		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	61.1		74 - 125	122%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4		75 - 124	111%	SPK: 50
2037-26-5	Toluene-d8	52.6		86 - 113	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	61.5	*	77 - 121	123%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	264000	5.568			
540-36-3	1,4-Difluorobenzene	513000	6.769			
3114-55-4	Chlorobenzene-d5	521000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	277000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047479.D	1	08/21/25 18:21	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	20.7	J		1.27	ug/L
000115-11-7	1-Propene, 2-methyl-	11.0	J		1.37	ug/L
103-65-1	n-propylbenzene	1.10	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.51	J		11.5	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	13.3	J		11.6	ug/L
95-63-6	1,2,4-Trimethylbenzene	2.00	J		11.8	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	6.70	J		12.1	ug/L
000496-11-7	Indane	500	J		12.2	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	12.7	J		12.7	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	9.80	J		13.3	ug/L
000767-59-9	1H-Indene, 1-methyl-	10.4	J		13.4	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925DL	SDG No.:	Q2903
Lab Sample ID:	Q2903-07DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047489.D	10	08/22/25 12:12	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	50.0	UD	2.20	50.0	ug/L
74-87-3	Chloromethane	50.0	UD	3.20	50.0	ug/L
75-01-4	Vinyl Chloride	50.0	UD	2.60	50.0	ug/L
74-83-9	Bromomethane	50.0	UD	14.4	50.0	ug/L
75-00-3	Chloroethane	50.0	UD	4.70	50.0	ug/L
75-69-4	Trichlorofluoromethane	50.0	UD	3.30	50.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	50.0	UD	2.50	50.0	ug/L
75-35-4	1,1-Dichloroethene	50.0	UD	2.30	50.0	ug/L
67-64-1	Acetone	250	UD	15.1	250	ug/L
75-15-0	Carbon Disulfide	50.0	UD	2.10	50.0	ug/L
1634-04-4	Methyl tert-butyl Ether	50.0	UD	1.60	50.0	ug/L
79-20-9	Methyl Acetate	50.0	UD	2.70	50.0	ug/L
75-09-2	Methylene Chloride	50.0	UD	2.80	50.0	ug/L
156-60-5	trans-1,2-Dichloroethene	50.0	UD	2.30	50.0	ug/L
75-34-3	1,1-Dichloroethane	50.0	UD	2.30	50.0	ug/L
110-82-7	Cyclohexane	50.0	UD	14.5	50.0	ug/L
78-93-3	2-Butanone	250	UD	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	50.0	UD	2.50	50.0	ug/L
156-59-2	cis-1,2-Dichloroethene	50.0	UD	1.90	50.0	ug/L
74-97-5	Bromochloromethane	50.0	UD	2.20	50.0	ug/L
67-66-3	Chloroform	50.0	UD	2.50	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	50.0	UD	2.00	50.0	ug/L
108-87-2	Methylcyclohexane	2.20	JD	1.60	50.0	ug/L
71-43-2	Benzene	400	D	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	50.0	UD	2.20	50.0	ug/L
79-01-6	Trichloroethene	50.0	UD	0.93	50.0	ug/L
78-87-5	1,2-Dichloropropane	50.0	UD	2.00	50.0	ug/L
75-27-4	Bromodichloromethane	50.0	UD	2.20	50.0	ug/L
108-10-1	4-Methyl-2-Pentanone	250	UD	6.80	250	ug/L
108-88-3	Toluene	50.0	UD	1.40	50.0	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925DL	SDG No.:	Q2903
Lab Sample ID:	Q2903-07DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047489.D	10	08/22/25 12:12	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	50.0	UD	1.70	50.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	50.0	UD	1.60	50.0	ug/L
79-00-5	1,1,2-Trichloroethane	50.0	UD	2.10	50.0	ug/L
591-78-6	2-Hexanone	250	UD	8.90	250	ug/L
124-48-1	Dibromochloromethane	50.0	UD	1.80	50.0	ug/L
106-93-4	1,2-Dibromoethane	50.0	UD	1.50	50.0	ug/L
127-18-4	Tetrachloroethene	50.0	UD	2.30	50.0	ug/L
108-90-7	Chlorobenzene	50.0	UD	1.20	50.0	ug/L
100-41-4	Ethyl Benzene	2.00	JD	1.30	50.0	ug/L
179601-23-1	m/p-Xylenes	2.50	JD	2.40	100	ug/L
95-47-6	o-Xylene	3.20	JD	1.20	50.0	ug/L
100-42-5	Styrene	50.0	UD	1.50	50.0	ug/L
75-25-2	Bromoform	50.0	UD	1.90	50.0	ug/L
98-82-8	Isopropylbenzene	14.3	JD	1.20	50.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	50.0	UD	2.60	50.0	ug/L
541-73-1	1,3-Dichlorobenzene	50.0	UD	1.60	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	50.0	UD	1.90	50.0	ug/L
95-50-1	1,2-Dichlorobenzene	50.0	UD	1.60	50.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	50.0	UD	5.30	50.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	50.0	UD	2.00	50.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	50.0	UD	2.00	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	47.3		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	199000	5.562			
540-36-3	1,4-Difluorobenzene	401000	6.769			
3114-55-4	Chlorobenzene-d5	390000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	193000	12.018			

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925DL	SDG No.:	Q2903
Lab Sample ID:	Q2903-07DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047489.D	10	08/22/25 12:12	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047480.D	1	08/21/25 18:42	VX082125

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	3.00	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	1.10	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	0.43	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047480.D	1	08/21/25 18:42	VX082125

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	0.48	J	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.6		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	51.6		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.8		77 - 121	120%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	257000	5.562			
540-36-3	1,4-Difluorobenzene	525000	6.769			
3114-55-4	Chlorobenzene-d5	528000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	281000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047480.D	1	08/21/25 18:42	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	220	J		1.27	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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	DUP-02-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047494.D	1	08/22/25 13:58	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	U	0.22	5.00	ug/L
74-87-3	Chloromethane	5.00	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	0.26	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	0.23	5.00	ug/L
67-64-1	Acetone	2.40	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	1.30	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	5.00	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	5.00	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	25.0	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	5.00	U	0.22	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	U	0.16	5.00	ug/L
71-43-2	Benzene	5.00	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	0.68	25.0	ug/L
108-88-3	Toluene	5.00	U	0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	DUP-02-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047494.D	1	08/22/25 13:58	VX082225

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	0.49	J	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.4		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	51.9		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.4		77 - 121	117%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	246000	5.562			
540-36-3	1,4-Difluorobenzene	504000	6.769			
3114-55-4	Chlorobenzene-d5	501000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	256000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	DUP-02-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047494.D	1	08/22/25 13:58	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	200	J		1.28	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-17A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047495.D	1	08/22/25 14:19	VX082225

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	5.90	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-17A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047495.D	1	08/22/25 14:19	VX082225

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	60.7		74 - 125	121%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	51.3		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.6		77 - 121	117%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	268000	5.562			
540-36-3	1,4-Difluorobenzene	550000	6.769			
3114-55-4	Chlorobenzene-d5	554000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	287000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-17A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047495.D	1	08/22/25 14:19	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	220	J		1.27	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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-11	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047496.D	1	08/22/25 14:40	VX082225

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	34.0		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	1.50	J	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.45	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	0.31	J	0.16	5.00	ug/L
71-43-2	Benzene	25.3		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	7.40		0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-11	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047496.D	1	08/22/25 14:40	VX082225

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	11.7		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	17.1		0.24	10.0	ug/L
95-47-6	o-Xylene	13.0		0.12	5.00	ug/L
100-42-5	Styrene	2.60	J	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	1.30	J	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.6		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.5		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	199000	5.562			
540-36-3	1,4-Difluorobenzene	404000	6.769			
3114-55-4	Chlorobenzene-d5	399000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	211000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-11	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047496.D	1	08/22/25 14:40	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	270	J		1.27	ug/L
103-65-1	n-propylbenzene	1.70	J		11.3	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	13.0	J		11.4	ug/L
108-67-8	1,3,5-Trimethylbenzene	7.10	J		11.5	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	7.20	J		11.6	ug/L
95-63-6	1,2,4-Trimethylbenzene	22.4	J		11.8	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	10.1	J		12.1	ug/L
000496-11-7	Indane	21.9	J		12.2	ug/L
000095-13-6	Indene	9.60	J		12.4	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	9.20	J		13.3	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-16B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-12	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047497.D	1	08/22/25 15:01	VX082225

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	4.90	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-16B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-12	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047497.D	1	08/22/25 15:01	VX082225

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	59.5		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.8		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.8		77 - 121	118%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	182000	5.562			
540-36-3	1,4-Difluorobenzene	374000	6.769			
3114-55-4	Chlorobenzene-d5	382000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	203000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-16B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-12	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047497.D	1	08/22/25 15:01	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	210	J		1.27	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	TB	SDG No.:	Q2903
Lab Sample ID:	Q2903-13	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047518.D	1	08/25/25 13:32	VX082525

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	UQ	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	TB	SDG No.:	Q2903
Lab Sample ID:	Q2903-13	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047518.D	1	08/25/25 13:32	VX082525

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	55.8		74 - 125	112%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	50.0		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	298000	5.562			
540-36-3	1,4-Difluorobenzene	595000	6.769			
3114-55-4	Chlorobenzene-d5	589000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	295000	12.018			

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	TB	SDG No.:	Q2903
Lab Sample ID:	Q2903-13	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047518.D	1	08/25/25 13:32	VX082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2903

Client: AECOM

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q2903-01	MW-6A-081925	1,2-Dichloroethane-d4	50	59.4	119		74	125
		Dibromofluoromethane	50	50.8	102		75	124
		Toluene-d8	50	50.2	100		86	113
		4-Bromofluorobenzene	50	58.0	116		77	121
Q2903-02	MW-1C-081925	1,2-Dichloroethane-d4	50	65.0	130	*	74	125
		Dibromofluoromethane	50	52.2	104		75	124
		Toluene-d8	50	50.6	101		86	113
		4-Bromofluorobenzene	50	59.6	119		77	121
Q2903-02RE	MW-1C-081925RE	1,2-Dichloroethane-d4	50	65.9	132	*	74	125
		Dibromofluoromethane	50	54.5	109		75	124
		Toluene-d8	50	51.5	103		86	113
		4-Bromofluorobenzene	50	61.9	124	*	77	121
Q2903-03	MW-6B-081925	1,2-Dichloroethane-d4	50	61.3	123		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	57.5	115		77	121
Q2903-04	MW-1B-081925	1,2-Dichloroethane-d4	50	58.6	117		74	125
		Dibromofluoromethane	50	50.3	101		75	124
		Toluene-d8	50	49.0	98		86	113
		4-Bromofluorobenzene	50	56.0	112		77	121
Q2903-05MS	MW-6B-081925MS	1,2-Dichloroethane-d4	50	65.6	131	*	74	125
		Dibromofluoromethane	50	56.0	112		75	124
		Toluene-d8	50	51.4	103		86	113
		4-Bromofluorobenzene	50	56.8	114		77	121
Q2903-06MSD	MW-6B-081925MSD	1,2-Dichloroethane-d4	50	72.9	146	*	74	125
		Dibromofluoromethane	50	64.1	128	*	75	124
		Toluene-d8	50	60.8	122	*	86	113
		4-Bromofluorobenzene	50	65.1	130	*	77	121
Q2903-07	MW-12B-081925	1,2-Dichloroethane-d4	50	61.0	122		74	125
		Dibromofluoromethane	50	55.4	111		75	124
		Toluene-d8	50	52.6	105		86	113
		4-Bromofluorobenzene	50	61.5	123	*	77	121
Q2903-07DL	MW-12B-081925DL	1,2-Dichloroethane-d4	50	53.7	107		74	125
		Dibromofluoromethane	50	48.0	96		75	124
		Toluene-d8	50	47.3	95		86	113
		4-Bromofluorobenzene	50	52.6	105		77	121
Q2903-08	MW-18B-081925	1,2-Dichloroethane-d4	50	59.6	119		74	125
		Dibromofluoromethane	50	51.4	103		75	124
		Toluene-d8	50	51.6	103		86	113
		4-Bromofluorobenzene	50	59.8	120		77	121
Q2903-09	DUP-02-081925	1,2-Dichloroethane-d4	50	59.4	119		74	125
		Dibromofluoromethane	50	51.8	104		75	124
		Toluene-d8	50	51.9	104		86	113
		4-Bromofluorobenzene	50	58.4	117		77	121
Q2903-10	MW-17A-081925	1,2-Dichloroethane-d4	50	60.7	121		74	125
		Dibromofluoromethane	50	51.8	103		75	124
		Toluene-d8	50	51.3	103		86	113
		4-Bromofluorobenzene	50	58.5	117		77	121
Q2903-11	MW-18A-081925	1,2-Dichloroethane-d4	50	54.6	109		74	125
		Dibromofluoromethane	50	49.8	100		75	124

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Surrogate Summary

SDG No.: Q2903

Client: AECOM

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q2903-11	MW-18A-081925	Toluene-d8	50	48.5	97		86	113
		4-Bromofluorobenzene	50	55.3	111		77	121
Q2903-12	MW-16B-081925	1,2-Dichloroethane-d4	50	59.5	119		74	125
		Dibromofluoromethane	50	51.2	102		75	124
		Toluene-d8	50	49.8	100		86	113
		4-Bromofluorobenzene	50	58.8	118		77	121
Q2903-13	TB	1,2-Dichloroethane-d4	50	55.8	112		74	125
		Dibromofluoromethane	50	51.1	102		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	55.7	111		77	121

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Surrogate Summary

SDG No.: Q2903

Client: AECOM

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
VX0821WBL01	VX0821WBL01	1,2-Dichloroethane-d4	50	57.4	115		74	125
		Dibromofluoromethane	50	49.0	98		75	124
		Toluene-d8	50	48.7	97		86	113
		4-Bromofluorobenzene	50	55.6	111		77	121
VX0821WBS02	VX0821WBS02	1,2-Dichloroethane-d4	50	57.3	115		74	125
		Dibromofluoromethane	50	51.6	103		75	124
		Toluene-d8	50	50.2	100		86	113
		4-Bromofluorobenzene	50	55.6	111		77	121
VX0822WBL01	VX0822WBL01	1,2-Dichloroethane-d4	50	57.9	116		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	49.3	99		86	113
		4-Bromofluorobenzene	50	56.5	113		77	121
VX0822WBS01	VX0822WBS01	1,2-Dichloroethane-d4	50	52.6	105		74	125
		Dibromofluoromethane	50	48.3	97		75	124
		Toluene-d8	50	46.7	93		86	113
		4-Bromofluorobenzene	50	49.8	99		77	121
VX0825WBL01	VX0825WBL01	1,2-Dichloroethane-d4	50	54.7	109		74	125
		Dibromofluoromethane	50	49.6	99		75	124
		Toluene-d8	50	48.6	97		86	113
		4-Bromofluorobenzene	50	54.0	108		77	121
VX0825WBS01	VX0825WBS01	1,2-Dichloroethane-d4	50	52.9	106		74	125
		Dibromofluoromethane	50	52.7	105		75	124
		Toluene-d8	50	50.9	102		86	113
		4-Bromofluorobenzene	50	54.1	108		77	121

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8260D

Client: AECOM **Datafile :** VX047507.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2903-05MS		**Client Sample ID : MW-6B-081925MS**									
Dichlorodifluoromethane	50	0	41.1	ug/L	82				73	120	
Chloromethane	50	0	45.7	ug/L	91				58	133	
Vinyl chloride	50	0	45.4	ug/L	91				69	125	
Bromomethane	50	0	36.1	ug/L	72				28	165	
Chloroethane	50	0	47.5	ug/L	95				70	141	
Trichlorofluoromethane	50	0	43.6	ug/L	87				72	124	
1,1,2-Trichlorotrifluoroethane	50	0	43.6	ug/L	87				75	117	
1,1-Dichloroethene	50	0	46.4	ug/L	93				53	162	
Acetone	250	2.80	280	ug/L	111				44	150	
Carbon disulfide	50	0.39	46.0	ug/L	91				44	135	
Methyl tert-butyl Ether	50	0	57.1	ug/L	114				82	133	
Methyl Acetate	50	0	67.7	ug/L	135				76	138	
Methylene Chloride	50	0	54.0	ug/L	108				79	115	
trans-1,2-Dichloroethene	50	0	49.0	ug/L	98				76	118	
1,1-Dichloroethane	50	0	53.6	ug/L	107				78	122	
Cyclohexane	50	0	41.1	ug/L	82				71	119	
2-Butanone	250	0	320	ug/L	128				67	137	
Carbon Tetrachloride	50	0	41.3	ug/L	83				66	133	
cis-1,2-Dichloroethene	50	0.36	53.7	ug/L	107				82	124	
Bromochloromethane	50	0	63.1	ug/L	126				72	130	
Chloroform	50	0	54.6	ug/L	109				83	119	
1,1,1-Trichloroethane	50	0	48.9	ug/L	98				83	117	
Methylcyclohexane	50	0	36.1	ug/L	72				64	120	
Benzene	50	0.43	47.6	ug/L	94				81	128	
1,2-Dichloroethane	50	0	50.8	ug/L	102				76	120	
Trichloroethene	50	0	43.8	ug/L	88				28	175	
1,2-Dichloropropane	50	0	49.1	ug/L	98				85	116	
Bromodichloromethane	50	0	49.9	ug/L	100				54	157	
4-Methyl-2-Pentanone	250	0	280	ug/L	112				72	137	
Toluene	50	0	46.8	ug/L	94				85	115	
t-1,3-Dichloropropene	50	0	49.8	ug/L	100				60	141	
cis-1,3-Dichloropropene	50	0	48.2	ug/L	96				36	161	
1,1,2-Trichloroethane	50	0	52.2	ug/L	104				27	175	
2-Hexanone	250	0	270	ug/L	108				75	131	
Dibromochloromethane	50	0	50.4	ug/L	101				59	164	
1,2-Dibromoethane	50	0	50.8	ug/L	102				85	119	
Tetrachloroethene	50	0	38.5	ug/L	77				48	153	
Chlorobenzene	50	0	43.6	ug/L	87				85	114	
Ethyl Benzene	50	0	42.5	ug/L	85				81	128	
m/p-Xylenes	100	0	86.4	ug/L	86				69	129	
o-Xylene	50	0	43.8	ug/L	88				75	127	
Styrene	50	0	46.5	ug/L	93				84	128	
Bromoform	50	0	49.3	ug/L	99				73	147	
Isopropylbenzene	50	0	40.1	ug/L	80				76	121	
1,1,2,2-Tetrachloroethane	50	0	47.5	ug/L	95				81	131	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8260D

Client: AECOM **Datafile :** VX047507.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	41.7	ug/L	83	*			84	110	
1,4-Dichlorobenzene	50	0	40.9	ug/L	82				81	111	
1,2-Dichlorobenzene	50	0	43.0	ug/L	86				82	113	
1,2-Dibromo-3-Chloropropane	50	0	47.4	ug/L	95				79	137	
1,2,4-Trichlorobenzene	50	0	40.1	ug/L	80				73	120	
1,2,3-Trichlorobenzene	50	0	41.1	ug/L	82				75	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8260D

Client: AECOM **Datafile :** VX047508.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2903-06MSD		**Client Sample ID : MW-6B-081925MSD**									
Dichlorodifluoromethane	50	0	43.9	ug/L	88		7		73	120	20
Chloromethane	50	0	48.6	ug/L	97		6		58	133	20
Vinyl chloride	50	0	49.4	ug/L	99		8		69	125	20
Bromomethane	50	0	46.2	ug/L	92		25	*	28	165	20
Chloroethane	50	0	54.7	ug/L	109		14		70	141	20
Trichlorofluoromethane	50	0	47.2	ug/L	94		8		72	124	20
1,1,2-Trichlorotrifluoroethane	50	0	47.0	ug/L	94		8		75	117	20
1,1-Dichloroethene	50	0	50.7	ug/L	101		9		53	162	20
Acetone	250	2.80	300	ug/L	119		7		44	150	20
Carbon disulfide	50	0.39	51.0	ug/L	101		10		44	135	20
Methyl tert-butyl Ether	50	0	65.1	ug/L	130		13		82	133	20
Methyl Acetate	50	0	73.6	ug/L	147	*	8		76	138	20
Methylene Chloride	50	0	59.6	ug/L	119	*	10		79	115	20
trans-1,2-Dichloroethene	50	0	54.3	ug/L	109		10		76	118	20
1,1-Dichloroethane	50	0	59.6	ug/L	119		11		78	122	20
Cyclohexane	50	0	45.9	ug/L	92		11		71	119	20
2-Butanone	250	0	350	ug/L	140	*	9		67	137	20
Carbon Tetrachloride	50	0	45.8	ug/L	92		10		66	133	20
cis-1,2-Dichloroethene	50	0.36	60.1	ug/L	119		11		82	124	20
Bromochloromethane	50	0	68.3	ug/L	137	*	8		72	130	20
Chloroform	50	0	60.9	ug/L	122	*	11		83	119	20
1,1,1-Trichloroethane	50	0	54.4	ug/L	109		11		83	117	20
Methylcyclohexane	50	0	40.2	ug/L	80		11		64	120	20
Benzene	50	0.43	54.4	ug/L	108		14		81	128	20
1,2-Dichloroethane	50	0	57.3	ug/L	115		12		76	120	20
Trichloroethene	50	0	49.6	ug/L	99		12		28	175	20
1,2-Dichloropropane	50	0	57.0	ug/L	114		15		85	116	20
Bromodichloromethane	50	0	56.7	ug/L	113		13		54	157	20
4-Methyl-2-Pentanone	250	0	320	ug/L	128		13		72	137	20
Toluene	50	0	54.1	ug/L	108		14		85	115	20
t-1,3-Dichloropropene	50	0	59.4	ug/L	119		18		60	141	20
cis-1,3-Dichloropropene	50	0	56.6	ug/L	113		16		36	161	20
1,1,2-Trichloroethane	50	0	59.5	ug/L	119		13		27	175	20
2-Hexanone	250	0	310	ug/L	124		14		75	131	20
Dibromochloromethane	50	0	58.4	ug/L	117		15		59	164	20
1,2-Dibromoethane	50	0	58.6	ug/L	117		14		85	119	20
Tetrachloroethene	50	0	45.0	ug/L	90		16		48	153	20
Chlorobenzene	50	0	51.9	ug/L	104		17		85	114	20
Ethyl Benzene	50	0	50.0	ug/L	100		16		81	128	20
m/p-Xylenes	100	0	100	ug/L	100		15		69	129	20
o-Xylene	50	0	52.3	ug/L	105		18		75	127	20
Styrene	50	0	54.8	ug/L	110		16		84	128	20
Bromoform	50	0	57.2	ug/L	114		15		73	147	20
Isopropylbenzene	50	0	48.1	ug/L	96		18		76	121	20
1,1,2,2-Tetrachloroethane	50	0	57.2	ug/L	114		19		81	131	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8260D

Client: AECOM **Datafile :** VX047508.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	49.8	ug/L	100		18		84	110	20
1,4-Dichlorobenzene	50	0	49.6	ug/L	99		19		81	111	20
1,2-Dichlorobenzene	50	0	51.8	ug/L	104		19		82	113	20
1,2-Dibromo-3-Chloropropane	50	0	56.7	ug/L	113		18		79	137	20
1,2,4-Trichlorobenzene	50	0	47.9	ug/L	96		18		73	120	20
1,2,3-Trichlorobenzene	50	0	50.3	ug/L	101		20		75	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VX047467.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0821WBS02	Dichlorodifluoromethane	20	18.6	ug/L	93			69	116	
	Chloromethane	20	19.6	ug/L	98			65	116	
	Vinyl chloride	20	19.3	ug/L	97			65	117	
	Bromomethane	20	20.0	ug/L	100			58	125	
	Chloroethane	20	20.6	ug/L	103			56	128	
	Trichlorofluoromethane	20	19.5	ug/L	98			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99			80	112	
	1,1-Dichloroethene	20	20.0	ug/L	100			74	110	
	Acetone	100	100	ug/L	100			60	125	
	Carbon disulfide	20	17.9	ug/L	90			64	112	
	Methyl tert-butyl Ether	20	22.2	ug/L	111			78	114	
	Methyl Acetate	20	24.1	ug/L	121			67	125	
	Methylene Chloride	20	22.0	ug/L	110			72	114	
	trans-1,2-Dichloroethene	20	20.6	ug/L	103			75	108	
	1,1-Dichloroethane	20	21.8	ug/L	109			78	112	
	Cyclohexane	20	19.7	ug/L	99			75	110	
	2-Butanone	100	120	ug/L	120			65	122	
	Carbon Tetrachloride	20	19.5	ug/L	98			77	113	
	cis-1,2-Dichloroethene	20	21.9	ug/L	110			77	110	
	Bromochloromethane	20	24.6	ug/L	123			70	124	
	Chloroform	20	22.6	ug/L	113			79	113	
	1,1,1-Trichloroethane	20	20.6	ug/L	103			80	108	
	Methylcyclohexane	20	17.7	ug/L	89			72	115	
	Benzene	20	20.6	ug/L	103			82	109	
	1,2-Dichloroethane	20	21.5	ug/L	108			80	115	
	Trichloroethene	20	20.1	ug/L	101			77	113	
	1,2-Dichloropropane	20	21.1	ug/L	106			83	111	
	Bromodichloromethane	20	20.8	ug/L	104			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	21.0	ug/L	105			82	110	
	t-1,3-Dichloropropene	20	20.9	ug/L	104			79	110	
	cis-1,3-Dichloropropene	20	21.1	ug/L	106			82	110	
	1,1,2-Trichloroethane	20	21.9	ug/L	110			83	112	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	21.3	ug/L	106			82	110	
	1,2-Dibromoethane	20	21.0	ug/L	105			81	110	
	Tetrachloroethene	20	18.2	ug/L	91			67	123	
	Chlorobenzene	20	19.9	ug/L	100			82	109	
	Ethyl Benzene	20	19.7	ug/L	99			83	109	
	m/p-Xylenes	40	40.2	ug/L	101			82	110	
	o-Xylene	20	20.5	ug/L	103			83	109	
	Styrene	20	20.8	ug/L	104			80	111	
	Bromoform	20	20.5	ug/L	103			79	109	
	Isopropylbenzene	20	18.9	ug/L	95			83	112	
	1,1,2,2-Tetrachloroethane	20	20.0	ug/L	100			76	118	
	1,3-Dichlorobenzene	20	18.8	ug/L	94			82	108	
	1,4-Dichlorobenzene	20	18.5	ug/L	93			82	107	
	1,2-Dichlorobenzene	20	19.2	ug/L	96			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2903**	**Analytical Method:**	**SW8260-Low**
Client:	**AECOM**	**Datafile :**	VX047467.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0821WBS02	1,2-Dibromo-3-Chloropropane	20	19.2	ug/L	96			68	112	
	1,2,4-Trichlorobenzene	20	18.2	ug/L	91			75	113	
	1,2,3-Trichlorobenzene	20	18.3	ug/L	92			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VX047487.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0822WBS01	Dichlorodifluoromethane	20	17.3	ug/L	86			69	116	
	Chloromethane	20	16.7	ug/L	84			65	116	
	Vinyl chloride	20	17.6	ug/L	88			65	117	
	Bromomethane	20	17.4	ug/L	87			58	125	
	Chloroethane	20	18.8	ug/L	94			56	128	
	Trichlorofluoromethane	20	18.4	ug/L	92			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/L	94			80	112	
	1,1-Dichloroethene	20	18.8	ug/L	94			74	110	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	17.6	ug/L	88			64	112	
	Methyl tert-butyl Ether	20	20.9	ug/L	104			78	114	
	Methyl Acetate	20	22.4	ug/L	112			67	125	
	Methylene Chloride	20	20.5	ug/L	103			72	114	
	trans-1,2-Dichloroethene	20	18.8	ug/L	94			75	108	
	1,1-Dichloroethane	20	20.0	ug/L	100			78	112	
	Cyclohexane	20	18.1	ug/L	91			75	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	18.1	ug/L	91			77	113	
	cis-1,2-Dichloroethene	20	20.1	ug/L	101			77	110	
	Bromochloromethane	20	22.2	ug/L	111			70	124	
	Chloroform	20	20.9	ug/L	104			79	113	
	1,1,1-Trichloroethane	20	19.3	ug/L	97			80	108	
	Methylcyclohexane	20	16.6	ug/L	83			72	115	
	Benzene	20	19.2	ug/L	96			82	109	
	1,2-Dichloroethane	20	19.8	ug/L	99			80	115	
	Trichloroethene	20	18.6	ug/L	93			77	113	
	1,2-Dichloropropane	20	20.1	ug/L	101			83	111	
	Bromodichloromethane	20	20.0	ug/L	100			83	110	
	4-Methyl-2-Pentanone	100	100	ug/L	100			74	118	
	Toluene	20	19.3	ug/L	97			82	110	
	t-1,3-Dichloropropene	20	20.3	ug/L	102			79	110	
	cis-1,3-Dichloropropene	20	20.3	ug/L	102			82	110	
	1,1,2-Trichloroethane	20	20.5	ug/L	103			83	112	
	2-Hexanone	100	98.3	ug/L	98			73	117	
	Dibromochloromethane	20	20.4	ug/L	102			82	110	
	1,2-Dibromoethane	20	19.6	ug/L	98			81	110	
	Tetrachloroethene	20	17.8	ug/L	89			67	123	
	Chlorobenzene	20	18.8	ug/L	94			82	109	
	Ethyl Benzene	20	18.1	ug/L	91			83	109	
	m/p-Xylenes	40	37.2	ug/L	93			82	110	
	o-Xylene	20	18.5	ug/L	93			83	109	
	Styrene	20	19.2	ug/L	96			80	111	
	Bromoform	20	19.0	ug/L	95			79	109	
	Isopropylbenzene	20	17.3	ug/L	86			83	112	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94			76	118	
	1,3-Dichlorobenzene	20	17.8	ug/L	89			82	108	
	1,4-Dichlorobenzene	20	17.8	ug/L	89			82	107	
	1,2-Dichlorobenzene	20	18.2	ug/L	91			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2903**	**Analytical Method:**	**SW8260-Low**
Client:	**AECOM**	**Datafile :**	VX047487.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0822WBS01	1,2-Dibromo-3-Chloropropane	20	17.9	ug/L	90			68	112	
	1,2,4-Trichlorobenzene	20	17.4	ug/L	87			75	113	
	1,2,3-Trichlorobenzene	20	17.6	ug/L	88			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VX047514.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0825WBS01	Dichlorodifluoromethane	20	16.9	ug/L	85			69	116	
	Chloromethane	20	16.0	ug/L	80			65	116	
	Vinyl chloride	20	16.8	ug/L	84			65	117	
	Bromomethane	20	17.3	ug/L	86			58	125	
	Chloroethane	20	16.9	ug/L	85			56	128	
	Trichlorofluoromethane	20	17.7	ug/L	89			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.2	ug/L	91			80	112	
	1,1-Dichloroethene	20	17.6	ug/L	88			74	110	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	16.0	ug/L	80			64	112	
	Methyl tert-butyl Ether	20	19.1	ug/L	96			78	114	
	Methyl Acetate	20	21.8	ug/L	109			67	125	
	Methylene Chloride	20	18.5	ug/L	93			72	114	
	trans-1,2-Dichloroethene	20	17.6	ug/L	88			75	108	
	1,1-Dichloroethane	20	18.5	ug/L	93			78	112	
	Cyclohexane	20	17.4	ug/L	87			75	110	
	2-Butanone	100	100	ug/L	100			65	122	
	Carbon Tetrachloride	20	17.9	ug/L	90			77	113	
	cis-1,2-Dichloroethene	20	18.5	ug/L	93			77	110	
	Bromochloromethane	20	27.5	ug/L	138		*	70	124	
	Chloroform	20	19.1	ug/L	96			79	113	
	1,1,1-Trichloroethane	20	18.5	ug/L	93			80	108	
	Methylcyclohexane	20	16.9	ug/L	85			72	115	
	Benzene	20	18.5	ug/L	93			82	109	
	1,2-Dichloroethane	20	18.9	ug/L	95			80	115	
	Trichloroethene	20	17.6	ug/L	88			77	113	
	1,2-Dichloropropane	20	18.7	ug/L	94			83	111	
	Bromodichloromethane	20	18.8	ug/L	94			83	110	
	4-Methyl-2-Pentanone	100	95.5	ug/L	96			74	118	
	Toluene	20	18.4	ug/L	92			82	110	
	t-1,3-Dichloropropene	20	18.9	ug/L	95			79	110	
	cis-1,3-Dichloropropene	20	18.9	ug/L	95			82	110	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			83	112	
	2-Hexanone	100	96.3	ug/L	96			73	117	
	Dibromochloromethane	20	19.2	ug/L	96			82	110	
	1,2-Dibromoethane	20	18.7	ug/L	94			81	110	
	Tetrachloroethene	20	17.6	ug/L	88			67	123	
	Chlorobenzene	20	18.5	ug/L	93			82	109	
	Ethyl Benzene	20	18.1	ug/L	91			83	109	
	m/p-Xylenes	40	36.9	ug/L	92			82	110	
	o-Xylene	20	18.4	ug/L	92			83	109	
	Styrene	20	19.2	ug/L	96			80	111	
	Bromoform	20	19.0	ug/L	95			79	109	
	Isopropylbenzene	20	17.9	ug/L	90			83	112	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94			76	118	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			82	108	
	1,4-Dichlorobenzene	20	18.2	ug/L	91			82	107	
	1,2-Dichlorobenzene	20	18.5	ug/L	93			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2903**	**Analytical Method:**	**SW8260-Low**
Client:	**AECOM**	**Datafile :**	VX047514.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0825WBS01	1,2-Dibromo-3-Chloropropane	20	17.0	ug/L	85			68	112	
	1,2,4-Trichlorobenzene	20	18.0	ug/L	90			75	113	
	1,2,3-Trichlorobenzene	20	18.1	ug/L	91			76	114	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0821WBL01

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2903

Lab File ID: VX047457.D | Lab Sample ID: VX0821WBL01

Date Analyzed: 08/21/2025 | Time Analyzed: 10:24

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0821WBS02	VX0821WBS02	VX047467.D	08/21/2025
MW-6A-081925	Q2903-01	VX047472.D	08/21/2025
MW-1C-081925	Q2903-02	VX047473.D	08/21/2025
MW-6B-081925	Q2903-03	VX047475.D	08/21/2025
MW-1B-081925	Q2903-04	VX047476.D	08/21/2025
MW-12B-081925	Q2903-07	VX047479.D	08/21/2025
MW-18B-081925	Q2903-08	VX047480.D	08/21/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0822WBL01

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2903

Lab File ID: VX047486.D | Lab Sample ID: VX0822WBL01

Date Analyzed: 08/22/2025 | Time Analyzed: 10:53

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0822WBS01	VX0822WBS01	VX047487.D	08/22/2025
MW-12B-081925DL	Q2903-07DL	VX047489.D	08/22/2025
MW-1C-081925RE	Q2903-02RE	VX047493.D	08/22/2025
DUP-02-081925	Q2903-09	VX047494.D	08/22/2025
MW-17A-081925	Q2903-10	VX047495.D	08/22/2025
MW-18A-081925	Q2903-11	VX047496.D	08/22/2025
MW-16B-081925	Q2903-12	VX047497.D	08/22/2025
MW-6B-081925MS	Q2903-05MS	VX047507.D	08/22/2025
MW-6B-081925MSD	Q2903-06MSD	VX047508.D	08/22/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0825WBL01

Lab Name: Alliance — Contract: AECO02

Lab Code: ACE — SDG NO.: Q2903

Lab File ID: VX047513.D — Lab Sample ID: VX0825WBL01

Date Analyzed: 08/25/2025 — Time Analyzed: 11:04

GC Column: DB-624UI ID: 0.18 (mm) — Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0825WBS01	VX0825WBS01	VX047514.D	08/25/2025
TB	Q2903-13	VX047518.D	08/25/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG NO.: Q2903
Lab File ID: VX047347.D
BFB Injection Date: 08/15/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:28
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	6.1 (8.2) 1
176	95.0 - 101.0% of mass 174	71.9 (96.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.2) 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
VSTDICC005	VSTDICC005	VX047349.D	08/15/2025	09:40
VSTDICC020	VSTDICC020	VX047350.D	08/15/2025	10:01
VSTDICCC050	VSTDICCC050	VX047351.D	08/15/2025	10:22
VSTDICC100	VSTDICC100	VX047352.D	08/15/2025	10:43
VSTDICC150	VSTDICC150	VX047353.D	08/15/2025	11:05
VSTDICC001	VSTDICC001	VX047356.D	08/15/2025	12:30

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG NO.: Q2903
Lab File ID: VX047454.D
BFB Injection Date: 08/21/2025
Instrument ID: MSVOA_X
BFB Injection Time: 07:58
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.4
75	30.0 - 60.0% of mass 95	51.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	77.9
175	5.0 - 9.0% of mass 174	5.5 (7.1) 1
176	95.0 - 101.0% of mass 174	74.3 (95.4) 1
177	5.0 - 9.0% of mass 176	5 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047455.D	08/21/2025	09:35
VX0821WBL01	VX0821WBL01	VX047457.D	08/21/2025	10:24
VX0821WBS02	VX0821WBS02	VX047467.D	08/21/2025	14:07
MW-6A-081925	Q2903-01	VX047472.D	08/21/2025	15:53
MW-1C-081925	Q2903-02	VX047473.D	08/21/2025	16:14
MW-6B-081925	Q2903-03	VX047475.D	08/21/2025	16:56
MW-1B-081925	Q2903-04	VX047476.D	08/21/2025	17:17
MW-12B-081925	Q2903-07	VX047479.D	08/21/2025	18:21
MW-18B-081925	Q2903-08	VX047480.D	08/21/2025	18:42

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2903

Lab File ID: VX047483.D | BFB Injection Date: 08/22/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:25

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	51.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	71.3
175	5.0 - 9.0% of mass 174	5.4 (7.6) 1
176	95.0 - 101.0% of mass 174	69.6 (97.7) 1
177	5.0 - 9.0% of mass 176	4.5 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047484.D	08/22/2025	10:00
VX0822WBL01	VX0822WBL01	VX047486.D	08/22/2025	10:53
VX0822WBS01	VX0822WBS01	VX047487.D	08/22/2025	11:22
MW-12B-081925DL	Q2903-07DL	VX047489.D	08/22/2025	12:12
MW-1C-081925RE	Q2903-02RE	VX047493.D	08/22/2025	13:37
DUP-02-081925	Q2903-09	VX047494.D	08/22/2025	13:58
MW-17A-081925	Q2903-10	VX047495.D	08/22/2025	14:19
MW-18A-081925	Q2903-11	VX047496.D	08/22/2025	14:40
MW-16B-081925	Q2903-12	VX047497.D	08/22/2025	15:01
MW-6B-081925MS	Q2903-05MS	VX047507.D	08/22/2025	18:30
MW-6B-081925MSD	Q2903-06MSD	VX047508.D	08/22/2025	18:51

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG NO.: Q2903
Lab File ID: VX047510.D
BFB Injection Date: 08/25/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:12
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 60.0% of mass 95	51.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	71 (95.6) 1
177	5.0 - 9.0% of mass 176	4.7 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047511.D	08/25/2025	10:14
VX0825WBL01	VX0825WBL01	VX047513.D	08/25/2025	11:04
VX0825WBS01	VX0825WBS01	VX047514.D	08/25/2025	12:03
TB	Q2903-13	VX047518.D	08/25/2025	13:32

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

Lab File ID: VX047455.D Date Analyzed: 08/21/2025

Instrument ID: MSVOA_X Time Analyzed: 09:35

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	229258	5.56	398048	6.76	349454	10.05
UPPER LIMIT	458516	6.056	796096	7.263	698908	10.549
LOWER LIMIT	114629	5.056	199024	6.263	174727	9.549
EPA SAMPLE NO.						
MW-6A-081925	212230	5.56	433989	6.77	433463	10.06
MW-1C-081925	227781	5.56	475332	6.77	479784	10.06
MW-6B-081925	225941	5.57	469925	6.77	476037	10.06
MW-1B-081925	202322	5.57	410659	6.77	411448	10.06
MW-12B-081925	263943	5.57	512897	6.77	520562	10.06
MW-18B-081925	256554	5.56	524902	6.77	528456	10.06
VX0821WBL01	216518	5.56	445927	6.77	448054	10.06
VX0821WBS02	219757	5.56	395822	6.77	370697	10.06

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

Lab File ID: VX047455.D Date Analyzed: 08/21/2025

Instrument ID: MSVOA_X Time Analyzed: 09:35

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	170891	12.018				
UPPER LIMIT	341782	12.518				
LOWER LIMIT	85445.5	11.518				
EPA SAMPLE NO.						
MW-6A-081925	228811	12.02				
MW-1C-081925	255083	12.02				
MW-6B-081925	250060	12.02				
MW-1B-081925	211647	12.02				
MW-12B-081925	276935	12.02				
MW-18B-081925	280646	12.02				
VX0821WBL01	231897	12.02				
VX0821WBS02	193487	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

Lab File ID: VX047484.D Date Analyzed: 08/22/2025

Instrument ID: MSVOA_X Time Analyzed: 10:00

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	202377	5.56	354638	6.76	324101	10.05
UPPER LIMIT	404754	6.056	709276	7.263	648202	10.549
LOWER LIMIT	101189	5.056	177319	6.263	162051	9.549
EPA SAMPLE NO.						
MW-1C-081925RE	215208	5.57	438650	6.77	454253	10.06
MW-6B-081925MS	173158	5.57	331997	6.77	317077	10.06
MW-6B-081925MSD	156491	5.56	296002	6.77	277028	10.06
MW-12B-081925DL	199358	5.56	400754	6.77	390061	10.06
DUP-02-081925	245699	5.56	503621	6.77	501212	10.06
MW-17A-081925	267608	5.56	550186	6.77	553949	10.06
MW-18A-081925	199275	5.56	403908	6.77	398616	10.06
MW-16B-081925	181722	5.56	373576	6.77	382152	10.06
VX0822WBL01	210866	5.56	425323	6.77	433100	10.06
VX0822WBS01	232449	5.56	415073	6.76	390461	10.06

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

Lab File ID: VX047484.D Date Analyzed: 08/22/2025

Instrument ID: MSVOA_X Time Analyzed: 10:00

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	162878	12.018				
UPPER LIMIT	325756	12.518				
LOWER LIMIT	81439	11.518				
EPA SAMPLE NO.						
MW-1C-081925RE	240673	12.02				
MW-6B-081925MS	162431	12.02				
MW-6B-081925MSD	139791	12.02				
MW-12B-081925DL	192795	12.02				
DUP-02-081925	255941	12.02				
MW-17A-081925	286642	12.02				
MW-18A-081925	210868	12.02				
MW-16B-081925	203331	12.02				
VX0822WBL01	221983	12.02				
VX0822WBS01	202080	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

Lab File ID: VX047511.D Date Analyzed: 08/25/2025

Instrument ID: MSVOA_X Time Analyzed: 10:14

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	225340	5.56	383910	6.76	348301	10.05
UPPER LIMIT	450680	6.056	767820	7.263	696602	10.549
LOWER LIMIT	112670	5.056	191955	6.263	174151	9.549
EPA SAMPLE NO.						
TB	298330	5.56	594534	6.77	589303	10.06
VX0825WBL01	288899	5.56	581002	6.77	569460	10.06
VX0825WBS01	227627	5.56	393751	6.76	357988	10.06

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

Lab File ID: VX047511.D Date Analyzed: 08/25/2025

Instrument ID: MSVOA_X Time Analyzed: 10:14

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	169040	12.018				
UPPER LIMIT	338080	12.518				
LOWER LIMIT	84520	11.518				
EPA SAMPLE NO.						
TB	294917	12.02				
VX0825WBL01	285001	12.02				
VX0825WBS01	182091	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0821WBL01	SDG No.:	Q2903
Lab Sample ID:	VX0821WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047457.D	1	08/21/25 10:24	VX082125

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0821WBL01	SDG No.:	Q2903
Lab Sample ID:	VX0821WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047457.D	1	08/21/25 10:24	VX082125

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	57.4		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	48.7		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	217000	5.562			
540-36-3	1,4-Difluorobenzene	446000	6.769			
3114-55-4	Chlorobenzene-d5	448000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	232000	12.018			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0821WBL01	SDG No.:	Q2903
Lab Sample ID:	VX0821WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047457.D	1	08/21/25 10:24	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0822WBL01	SDG No.:	Q2903
Lab Sample ID:	VX0822WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047486.D	1	08/22/25 10:53	VX082225

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0822WBL01	SDG No.:	Q2903
Lab Sample ID:	VX0822WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047486.D	1	08/22/25 10:53	VX082225

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	57.9		74 - 125	116%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.5		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	211000	5.562			
540-36-3	1,4-Difluorobenzene	425000	6.769			
3114-55-4	Chlorobenzene-d5	433000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	222000	12.018			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0822WBL01	SDG No.:	Q2903
Lab Sample ID:	VX0822WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047486.D	1	08/22/25 10:53	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0825WBL01	SDG No.:	Q2903
Lab Sample ID:	VX0825WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047513.D	1	08/25/25 11:04	VX082525

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0825WBL01	SDG No.:	Q2903
Lab Sample ID:	VX0825WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047513.D	1	08/25/25 11:04	VX082525

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	54.7		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	48.6		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.0		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	289000	5.562			
540-36-3	1,4-Difluorobenzene	581000	6.769			
3114-55-4	Chlorobenzene-d5	569000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	285000	12.018			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0825WBL01	SDG No.:	Q2903
Lab Sample ID:	VX0825WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047513.D	1	08/25/25 11:04	VX082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0821WBS02	SDG No.:	Q2903
Lab Sample ID:	VX0821WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047467.D	1	08/21/25 14:07	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.6		0.22	1.00	ug/L
74-87-3	Chloromethane	19.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.3		0.26	1.00	ug/L
74-83-9	Bromomethane	20.0		1.40	5.00	ug/L
75-00-3	Chloroethane	20.6		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.5		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	20.0		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	22.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	24.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	22.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.7		1.50	5.00	ug/L
78-93-3	2-Butanone	120		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	21.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	24.6		0.22	1.00	ug/L
67-66-3	Chloroform	22.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.7		0.16	1.00	ug/L
71-43-2	Benzene	20.6		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	21.0		0.14	1.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0821WBS02	SDG No.:	Q2903
Lab Sample ID:	VX0821WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047467.D	1	08/21/25 14:07	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.1		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.2		0.24	2.00	ug/L
95-47-6	o-Xylene	20.5		0.12	1.00	ug/L
100-42-5	Styrene	20.8		0.15	1.00	ug/L
75-25-2	Bromoform	20.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.0		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.5		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.3		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.3		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	220000	5.562			
540-36-3	1,4-Difluorobenzene	396000	6.769			
3114-55-4	Chlorobenzene-d5	371000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	193000	12.018			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0821WBS02	SDG No.:	Q2903
Lab Sample ID:	VX0821WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047467.D	1	08/21/25 14:07	VX082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0822WBS01	SDG No.:	Q2903
Lab Sample ID:	VX0822WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047487.D	1	08/22/25 11:22	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.3		0.22	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.6		0.26	1.00	ug/L
74-83-9	Bromomethane	17.4		1.40	5.00	ug/L
75-00-3	Chloroethane	18.8		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	18.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	1.00	ug/L
67-64-1	Acetone	110		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	20.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.8		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.1		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.2		0.22	1.00	ug/L
67-66-3	Chloroform	20.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.6		0.16	1.00	ug/L
71-43-2	Benzene	19.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.3		0.14	1.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0822WBS01	SDG No.:	Q2903
Lab Sample ID:	VX0822WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047487.D	1	08/22/25 11:22	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	98.3		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.2		0.24	2.00	ug/L
95-47-6	o-Xylene	18.5		0.12	1.00	ug/L
100-42-5	Styrene	19.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.0		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	18.8		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	17.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	46.7		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	232000	5.556			
540-36-3	1,4-Difluorobenzene	415000	6.763			
3114-55-4	Chlorobenzene-d5	390000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	202000	12.018			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0822WBS01	SDG No.:	Q2903
Lab Sample ID:	VX0822WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047487.D	1	08/22/25 11:22	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0825WBS01	SDG No.:	Q2903
Lab Sample ID:	VX0825WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047514.D	1	08/25/25 12:03	VX082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.9		0.22	1.00	ug/L
74-87-3	Chloromethane	16.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.8		0.26	1.00	ug/L
74-83-9	Bromomethane	17.3		1.40	5.00	ug/L
75-00-3	Chloroethane	16.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.2		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.6		0.23	1.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.8		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.4		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.9		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	27.5		0.22	1.00	ug/L
67-66-3	Chloroform	19.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.5		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.9		0.16	1.00	ug/L
71-43-2	Benzene	18.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.7		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.5		0.68	5.00	ug/L
108-88-3	Toluene	18.4		0.14	1.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0825WBS01	SDG No.:	Q2903
Lab Sample ID:	VX0825WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047514.D	1	08/25/25 12:03	VX082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	96.3		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.6		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.9		0.24	2.00	ug/L
95-47-6	o-Xylene	18.4		0.12	1.00	ug/L
100-42-5	Styrene	19.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	50.9		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	228000	5.556			
540-36-3	1,4-Difluorobenzene	394000	6.763			
3114-55-4	Chlorobenzene-d5	358000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	182000	12.018			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VX0825WBS01	SDG No.:	Q2903
Lab Sample ID:	VX0825WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047514.D	1	08/25/25 12:03	VX082525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MS	SDG No.:	Q2903
Lab Sample ID:	Q2903-05MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047507.D	1	08/22/25 18:30	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	41.1		0.22	5.00	ug/L
74-87-3	Chloromethane	45.7		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	45.4		0.26	5.00	ug/L
74-83-9	Bromomethane	36.1		1.40	5.00	ug/L
75-00-3	Chloroethane	47.5		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	43.6		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	43.6		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	46.4		0.23	5.00	ug/L
67-64-1	Acetone	280		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	46.0		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	57.1		0.16	5.00	ug/L
79-20-9	Methyl Acetate	67.7		0.27	5.00	ug/L
75-09-2	Methylene Chloride	54.0		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	49.0		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	53.6		0.23	5.00	ug/L
110-82-7	Cyclohexane	41.1		1.50	5.00	ug/L
78-93-3	2-Butanone	320		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	41.3		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	53.7		0.19	5.00	ug/L
74-97-5	Bromochloromethane	63.1		0.22	5.00	ug/L
67-66-3	Chloroform	54.6		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	48.9		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	36.1		0.16	5.00	ug/L
71-43-2	Benzene	47.6		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	50.8		0.22	5.00	ug/L
79-01-6	Trichloroethene	43.8		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	49.1		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	49.9		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	280		0.68	25.0	ug/L
108-88-3	Toluene	46.8		0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MS	SDG No.:	Q2903
Lab Sample ID:	Q2903-05MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047507.D	1	08/22/25 18:30	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	49.8		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	48.2		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	52.2		0.21	5.00	ug/L
591-78-6	2-Hexanone	270		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	50.4		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	50.8		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	38.5		0.23	5.00	ug/L
108-90-7	Chlorobenzene	43.6		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	42.5		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	86.4		0.24	10.0	ug/L
95-47-6	o-Xylene	43.8		0.12	5.00	ug/L
100-42-5	Styrene	46.5		0.15	5.00	ug/L
75-25-2	Bromoform	49.3		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	40.1		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	47.5		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	41.7		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	40.9		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	43.0		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	47.4		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.1		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	41.1		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.6	*	74 - 125	131%	SPK: 50
1868-53-7	Dibromofluoromethane	56.0		75 - 124	112%	SPK: 50
2037-26-5	Toluene-d8	51.4		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.8		77 - 121	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	173000	5.568			
540-36-3	1,4-Difluorobenzene	332000	6.769			
3114-55-4	Chlorobenzene-d5	317000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	162000	12.018			

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MS	SDG No.:	Q2903
Lab Sample ID:	Q2903-05MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047507.D	1	08/22/25 18:30	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MSD	SDG No.:	Q2903
Lab Sample ID:	Q2903-06MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047508.D	1	08/22/25 18:51	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	43.9		0.22	5.00	ug/L
74-87-3	Chloromethane	48.6		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	49.4		0.26	5.00	ug/L
74-83-9	Bromomethane	46.2		1.40	5.00	ug/L
75-00-3	Chloroethane	54.7		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	47.2		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	47.0		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	50.7		0.23	5.00	ug/L
67-64-1	Acetone	300		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	51.0		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	65.1		0.16	5.00	ug/L
79-20-9	Methyl Acetate	73.6		0.27	5.00	ug/L
75-09-2	Methylene Chloride	59.6		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	54.3		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	59.6		0.23	5.00	ug/L
110-82-7	Cyclohexane	45.9		1.50	5.00	ug/L
78-93-3	2-Butanone	350		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	45.8		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	60.1		0.19	5.00	ug/L
74-97-5	Bromochloromethane	68.3		0.22	5.00	ug/L
67-66-3	Chloroform	60.9		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	54.4		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	40.2		0.16	5.00	ug/L
71-43-2	Benzene	54.4		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	57.3		0.22	5.00	ug/L
79-01-6	Trichloroethene	49.6		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	57.0		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	56.7		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	320		0.68	25.0	ug/L
108-88-3	Toluene	54.1		0.14	5.00	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MSD	SDG No.:	Q2903
Lab Sample ID:	Q2903-06MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047508.D	1	08/22/25 18:51	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	59.4		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	56.6		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	59.5		0.21	5.00	ug/L
591-78-6	2-Hexanone	310		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	58.4		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	58.6		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	45.0		0.23	5.00	ug/L
108-90-7	Chlorobenzene	51.9		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	50.0		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	100		0.24	10.0	ug/L
95-47-6	o-Xylene	52.3		0.12	5.00	ug/L
100-42-5	Styrene	54.8		0.15	5.00	ug/L
75-25-2	Bromoform	57.2		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	48.1		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	57.2		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	49.8		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	49.6		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	51.8		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	56.7		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.9		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	50.3		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	72.9	*	74 - 125	146%	SPK: 50
1868-53-7	Dibromofluoromethane	64.1	*	75 - 124	128%	SPK: 50
2037-26-5	Toluene-d8	60.8	*	86 - 113	122%	SPK: 50
460-00-4	4-Bromofluorobenzene	65.1	*	77 - 121	130%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	156000	5.562			
540-36-3	1,4-Difluorobenzene	296000	6.769			
3114-55-4	Chlorobenzene-d5	277000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	140000	12.018			

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MSD	SDG No.:	Q2903
Lab Sample ID:	Q2903-06MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047508.D	1	08/22/25 18:51	VX082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2903

Instrument ID: MSVOA_X | Calibration Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N | Calibration Time(s): 09:40 12:30

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

LAB FILE ID: RRF005 = VX047349.D RRF020 = VX047350.D RRF050 = VX047351.D
RRF100 = VX047352.D RRF150 = VX047353.D RRF001 = VX047356.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.558	0.638	0.731	0.671	0.680	0.546	0.637	11.4
Chloromethane	0.539	0.568	0.624	0.567	0.594	0.549	0.573	5.4
Vinyl Chloride	0.651	0.751	0.800	0.729	0.757	0.630	0.720	9.2
Bromomethane	0.251	0.296	0.336	0.309	0.261		0.291	11.9
Chloroethane	0.392	0.440	0.463	0.410	0.422	0.515	0.440	10
Trichlorofluoromethane	1.012	1.121	1.188	1.060	1.069	0.938	1.065	8.1
1,1,2-Trichlorotrifluoroethane	0.589	0.664	0.697	0.624	0.637	0.494	0.618	11.4
1,1-Dichloroethene	0.575	0.664	0.697	0.635	0.651	0.555	0.630	8.6
Acetone	0.259	0.310	0.280	0.240	0.240	0.249	0.263	10.5
Carbon Disulfide	1.747	1.916	1.993	1.819	1.854	2.069	1.900	6.2
Methyl tert-butyl Ether	1.768	2.019	2.175	1.962	2.014	1.554	1.915	11.5
Methyl Acetate	0.620	0.661	0.769	0.689	0.728	0.621	0.682	8.7
Methylene Chloride	0.645	0.732	0.757	0.669	0.684	0.691	0.697	5.9
trans-1,2-Dichloroethene	0.638	0.705	0.725	0.655	0.664	0.621	0.668	6
1,1-Dichloroethane	1.180	1.294	1.356	1.210	1.238	1.052	1.222	8.5
Cyclohexane	1.024	1.202	1.210	1.082	1.113		1.126	7
2-Butanone	0.328	0.378	0.389	0.342	0.343	0.287	0.344	10.6
Carbon Tetrachloride	0.536	0.596	0.607	0.549	0.554	0.515	0.560	6.3
cis-1,2-Dichloroethene	0.758	0.826	0.846	0.769	0.779	0.692	0.778	7
Bromochloromethane	0.543	0.402	0.540	0.560	0.525	0.481	0.508	11.6
Chloroform	1.236	1.328	1.368	1.214	1.243	1.091	1.247	7.8
1,1,1-Trichloroethane	1.043	1.151	1.195	1.081	1.106	0.863	1.073	10.8
Methylcyclohexane	0.589	0.673	0.695	0.640	0.642	0.595	0.639	6.5
Benzene	1.502	1.665	1.701	1.516	1.504	1.312	1.533	9.1
1,2-Dichloroethane	0.521	0.594	0.600	0.532	0.528	0.484	0.543	8.3
Trichloroethene	0.383	0.423	0.432	0.390	0.391	0.336	0.393	8.6
1,2-Dichloropropane	0.349	0.415	0.421	0.381	0.382	0.357	0.384	7.6
Bromodichloromethane	0.548	0.621	0.635	0.578	0.573	0.513	0.578	7.8
4-Methyl-2-Pentanone	0.408	0.479	0.509	0.451	0.444	0.346	0.440	13
Toluene	0.920	1.043	1.057	0.936	0.927	0.802	0.947	9.9

* 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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2903

Instrument ID: MSVOA_X | Calibration Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N | Calibration Time(s): 09:40 12:30

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

LAB FILE ID: RRF005 = VX047349.D RRF020 = VX047350.D RRF050 = VX047351.D
RRF100 = VX047352.D RRF150 = VX047353.D RRF001 = VX047356.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.444	0.537	0.584	0.541	0.550	0.371	0.505	15.9
cis-1,3-Dichloropropene	0.531	0.608	0.642	0.592	0.602	0.451	0.571	12
1,1,2-Trichloroethane	0.358	0.393	0.396	0.352	0.347	0.313	0.360	8.6
2-Hexanone	0.284	0.338	0.347	0.310	0.306	0.239	0.304	12.9
Dibromochloromethane	0.412	0.461	0.464	0.426	0.420	0.382	0.428	7.3
1,2-Dibromoethane	0.358	0.397	0.409	0.365	0.361	0.336	0.371	7.2
Tetrachloroethene	0.351	0.384	0.398	0.360	0.360	0.316	0.362	7.8
Chlorobenzene	1.163	1.268	1.286	1.163	1.175	1.073	1.188	6.6
Ethyl Benzene	1.941	2.216	2.277	2.062	2.056	1.718	2.045	9.8
m/p-Xylenes	0.722	0.831	0.858	0.765	0.759	0.642	0.763	10.2
o-Xylene	0.679	0.793	0.813	0.735	0.732	0.651	0.734	8.6
Styrene	1.186	1.397	1.411	1.271	1.266	0.909	1.240	14.8
Bromoform	0.294	0.322	0.335	0.306	0.313	0.241	0.302	10.9
Isopropylbenzene	3.547	4.192	4.399	4.048	4.080	3.211	3.913	11.4
1,1,2,2-Tetrachloroethane	1.077	1.208	1.269	1.142	1.152	1.044	1.149	7.2
1,3-Dichlorobenzene	1.719	1.907	1.983	1.811	1.823	1.710	1.825	5.8
1,4-Dichlorobenzene	1.788	1.952	1.986	1.788	1.814	1.936	1.877	4.8
1,2-Dichlorobenzene	1.617	1.851	1.862	1.705	1.729	1.631	1.733	6.1
1,2-Dibromo-3-Chloropropane	0.182	0.225	0.247	0.238	0.249	0.191	0.222	13
1,2,4-Trichlorobenzene	1.030	1.168	1.234	1.191	1.204	1.144	1.161	6.2
1,2,3-Trichlorobenzene	0.919	1.109	1.174	1.132	1.160	1.075	1.095	8.5
1,2-Dichloroethane-d4	0.709	0.581	0.700	0.747	0.762		0.700	10.2
Dibromofluoromethane	0.310	0.278	0.331	0.354	0.349		0.325	9.6
Toluene-d8	1.157	0.994	1.171	1.246	1.232		1.160	8.7
4-Bromofluorobenzene	0.441	0.371	0.428	0.452	0.448		0.428	7.8

* 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.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG No.: Q2903
Instrument ID: MSVOA_X
Calibration Date/Time: 08/21/2025 09:35
Lab File ID: VX047455.D
Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.598		-6.12	20
Chloromethane	0.573	0.516	0.1	-9.95	20
Vinyl Chloride	0.720	0.680		-5.56	20
Bromomethane	0.291	0.296		1.72	20
Chloroethane	0.440	0.405		-7.95	20
Trichlorofluoromethane	1.065	0.995		-6.57	20
1,1,2-Trichlorotrifluoroethane	0.618	0.599		-3.07	20
1,1-Dichloroethene	0.630	0.604		-4.13	20
Acetone	0.263	0.297		12.93	20
Carbon Disulfide	1.900	1.648		-13.26	20
Methyl tert-butyl Ether	1.915	2.010		4.96	20
Methyl Acetate	0.682	0.764		12.02	20
Methylene Chloride	0.697	0.692		-0.72	20
trans-1,2-Dichloroethene	0.668	0.627		-6.14	20
1,1-Dichloroethane	1.222	1.230	0.1	0.65	20
Cyclohexane	1.126	1.035		-8.08	20
2-Butanone	0.344	0.378		9.88	20
Carbon Tetrachloride	0.560	0.506		-9.64	20
cis-1,2-Dichloroethene	0.778	0.772		-0.77	20
Bromochloromethane	0.508	0.579		13.98	20
Chloroform	1.247	1.242		-0.4	20
1,1,1-Trichloroethane	1.073	1.042		-2.89	20
Methylcyclohexane	0.639	0.582		-8.92	20
Benzene	1.533	1.480		-3.46	20
1,2-Dichloroethane	0.543	0.540		-0.55	20
Trichloroethene	0.393	0.363		-7.63	20
1,2-Dichloropropane	0.384	0.379		-1.3	20
Bromodichloromethane	0.578	0.576		-0.35	20
4-Methyl-2-Pentanone	0.440	0.432		-1.82	20
Toluene	0.947	0.923		-2.53	20
t-1,3-Dichloropropene	0.505	0.534		5.74	20
cis-1,3-Dichloropropene	0.571	0.588		2.98	20
1,1,2-Trichloroethane	0.360	0.356		-1.11	20
2-Hexanone	0.304	0.296		-2.63	20
Dibromochloromethane	0.428	0.427		-0.23	20
1,2-Dibromoethane	0.371	0.363		-2.16	20
Tetrachloroethene	0.362	0.340		-6.08	20
Chlorobenzene	1.188	1.159	0.3	-2.44	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2903

Instrument ID: MSVOA_X Calibration Date/Time: 08/21/2025 09:35

Lab File ID: VX047455.D Init. Calib. Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:40 12:30

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.045	2.008		-1.81	20
m/p-Xylenes	0.763	0.749		-1.84	20
o-Xylene	0.734	0.732		-0.27	20
Styrene	1.240	1.263		1.86	20
Bromoform	0.302	0.303	0.1	0.33	20
Isopropylbenzene	3.913	3.878		-0.89	20
1,1,2,2-Tetrachloroethane	1.149	1.154	0.3	0.44	20
1,3-Dichlorobenzene	1.825	1.747		-4.27	20
1,4-Dichlorobenzene	1.877	1.784		-4.95	20
1,2-Dichlorobenzene	1.733	1.686		-2.71	20
1,2-Dibromo-3-Chloropropane	0.222	0.217		-2.25	20
1,2,4-Trichlorobenzene	1.161	1.136		-2.15	20
1,2,3-Trichlorobenzene	1.095	1.091		-0.37	20
1,2-Dichloroethane-d4	0.700	0.705		0.71	20
Dibromofluoromethane	0.325	0.317		-2.46	20
Toluene-d8	1.160	1.105		-4.74	20
4-Bromofluorobenzene	0.428	0.421		-1.64	20

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2903

Instrument ID: MSVOA_X | Calibration Date/Time: 08/22/2025 10:00

Lab File ID: VX047484.D | Init. Calib. Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:40 12:30

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.547		-14.13	20
Chloromethane	0.573	0.473	0.1	-17.45	20
Vinyl Chloride	0.720	0.631		-12.36	20
Bromomethane	0.291	0.250		-14.09	20
Chloroethane	0.440	0.402		-8.64	20
Trichlorofluoromethane	1.065	0.924		-13.24	20
1,1,2-Trichlorotrifluoroethane	0.618	0.560		-9.39	20
1,1-Dichloroethene	0.630	0.555		-11.9	20
Acetone	0.263	0.282		7.22	20
Carbon Disulfide	1.900	1.609		-15.32	20
Methyl tert-butyl Ether	1.915	2.042		6.63	20
Methyl Acetate	0.682	0.790		15.84	20
Methylene Chloride	0.697	0.691		-0.86	20
trans-1,2-Dichloroethene	0.668	0.628		-5.99	20
1,1-Dichloroethane	1.222	1.211	0.1	-0.9	20
Cyclohexane	1.126	0.960		-14.74	20
2-Butanone	0.344	0.384		11.63	20
Carbon Tetrachloride	0.560	0.491		-12.32	20
cis-1,2-Dichloroethene	0.778	0.776		-0.26	20
Bromochloromethane	0.508	0.605		19.09	20
Chloroform	1.247	1.259		0.96	20
1,1,1-Trichloroethane	1.073	1.002		-6.62	20
Methylcyclohexane	0.639	0.539		-15.65	20
Benzene	1.533	1.461		-4.7	20
1,2-Dichloroethane	0.543	0.547		0.74	20
Trichloroethene	0.393	0.354		-9.92	20
1,2-Dichloropropane	0.384	0.384		0	20
Bromodichloromethane	0.578	0.591		2.25	20
4-Methyl-2-Pentanone	0.440	0.451		2.5	20
Toluene	0.947	0.910		-3.91	20
t-1,3-Dichloropropene	0.505	0.537		6.34	20
cis-1,3-Dichloropropene	0.571	0.594		4.03	20
1,1,2-Trichloroethane	0.360	0.370		2.78	20
2-Hexanone	0.304	0.307		0.99	20
Dibromochloromethane	0.428	0.433		1.17	20
1,2-Dibromoethane	0.371	0.377		1.62	20
Tetrachloroethene	0.362	0.321		-11.33	20
Chlorobenzene	1.188	1.118	0.3	-5.89	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2903

Instrument ID: MSVOA_X | Calibration Date/Time: 08/22/2025 10:00

Lab File ID: VX047484.D | Init. Calib. Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:40 12:30

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.045	1.893		-7.43	20
m/p-Xylenes	0.763	0.718		-5.9	20
o-Xylene	0.734	0.694		-5.45	20
Styrene	1.240	1.233		-0.56	20
Bromoform	0.302	0.306	0.1	1.33	20
Isopropylbenzene	3.913	3.516		-10.15	20
1,1,2,2-Tetrachloroethane	1.149	1.119	0.3	-2.61	20
1,3-Dichlorobenzene	1.825	1.671		-8.44	20
1,4-Dichlorobenzene	1.877	1.682		-10.39	20
1,2-Dichlorobenzene	1.733	1.613		-6.92	20
1,2-Dibromo-3-Chloropropane	0.222	0.213		-4.05	20
1,2,4-Trichlorobenzene	1.161	1.089		-6.2	20
1,2,3-Trichlorobenzene	1.095	1.040		-5.02	20
1,2-Dichloroethane-d4	0.700	0.775		10.71	20
Dibromofluoromethane	0.325	0.344		5.85	20
Toluene-d8	1.160	1.183		1.98	20
4-Bromofluorobenzene	0.428	0.453		5.84	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG No.: Q2903
Instrument ID: MSVOA_X
Calibration Date/Time: 08/25/2025 10:14
Lab File ID: VX047511.D
Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.592		-7.06	20
Chloromethane	0.573	0.503	0.1	-12.22	20
Vinyl Chloride	0.720	0.665		-7.64	20
Bromomethane	0.291	0.304		4.47	20
Chloroethane	0.440	0.395		-10.23	20
Trichlorofluoromethane	1.065	0.990		-7.04	20
1,1,2-Trichlorotrifluoroethane	0.618	0.608		-1.62	20
1,1-Dichloroethene	0.630	0.602		-4.44	20
Acetone	0.263	0.305		15.97	20
Carbon Disulfide	1.900	1.660		-12.63	20
Methyl tert-butyl Ether	1.915	2.057		7.41	20
Methyl Acetate	0.682	0.848		24.34	20
Methylene Chloride	0.697	0.688		-1.29	20
trans-1,2-Dichloroethene	0.668	0.637		-4.64	20
1,1-Dichloroethane	1.222	1.242	0.1	1.64	20
Cyclohexane	1.126	1.019		-9.5	20
2-Butanone	0.344	0.418		21.51	20
Carbon Tetrachloride	0.560	0.544		-2.86	20
cis-1,2-Dichloroethene	0.778	0.774		-0.51	20
Bromochloromethane	0.508	0.547		7.68	20
Chloroform	1.247	1.267		1.6	20
1,1,1-Trichloroethane	1.073	1.063		-0.93	20
Methylcyclohexane	0.639	0.589		-7.82	20
Benzene	1.533	1.529		-0.26	20
1,2-Dichloroethane	0.543	0.551		1.47	20
Trichloroethene	0.393	0.383		-2.55	20
1,2-Dichloropropane	0.384	0.394		2.6	20
Bromodichloromethane	0.578	0.601		3.98	20
4-Methyl-2-Pentanone	0.440	0.495		12.5	20
Toluene	0.947	0.950		0.32	20
t-1,3-Dichloropropene	0.505	0.558		10.49	20
cis-1,3-Dichloropropene	0.571	0.608		6.48	20
1,1,2-Trichloroethane	0.360	0.375		4.17	20
2-Hexanone	0.304	0.344		13.16	20
Dibromochloromethane	0.428	0.454		6.07	20
1,2-Dibromoethane	0.371	0.386		4.04	20
Tetrachloroethene	0.362	0.337		-6.91	20
Chlorobenzene	1.188	1.157	0.3	-2.61	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2903

Instrument ID: MSVOA_X Calibration Date/Time: 08/25/2025 10:14

Lab File ID: VX047511.D Init. Calib. Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:40 12:30

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.045	1.994		-2.49	20
m/p-Xylenes	0.763	0.747		-2.1	20
o-Xylene	0.734	0.734		0	20
Styrene	1.240	1.285		3.63	20
Bromoform	0.302	0.327	0.1	8.28	20
Isopropylbenzene	3.913	3.954		1.05	20
1,1,2,2-Tetrachloroethane	1.149	1.213	0.3	5.57	20
1,3-Dichlorobenzene	1.825	1.810		-0.82	20
1,4-Dichlorobenzene	1.877	1.835		-2.24	20
1,2-Dichlorobenzene	1.733	1.752		1.1	20
1,2-Dibromo-3-Chloropropane	0.222	0.245		10.36	20
1,2,4-Trichlorobenzene	1.161	1.183		1.89	20
1,2,3-Trichlorobenzene	1.095	1.120		2.28	20
1,2-Dichloroethane-d4	0.700	0.709		1.29	20
Dibromofluoromethane	0.325	0.333		2.46	20
Toluene-d8	1.160	1.165		0.43	20
4-Bromofluorobenzene	0.428	0.438		2.34	20

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

Alliance TECHNICAL GROUP
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LAB CHRONICLE

OrderID:	Q2903	**OrderDate:**	8/19/2025 3:36:00 PM
Client:	AECOM	**Project:**	National Grid Equity - Brooklyn NY
Contact:	Peter S	**Location:**	J11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2903-01	**MW-6A-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-02	**MW-1C-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-03	**MW-6B-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-04	**MW-1B-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-07	**MW-12B-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-08	**MW-18B-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-09	**DUP-02-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-10	**MW-17A-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-11	**MW-18A-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	
Q2903-12	**MW-16B-081925**	**Water**			**08/19/25**			**08/19/25**
			SVOC-TCL BNA -20	8270E		08/21/25	08/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-6A-081925									
Q2903-01	MW-6A-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.900	AB	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	Benzophenone	*	2.500	J	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	cis-Vaccenic acid	*	2.500	J	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	n-Hexadecanoic acid	*	11.000	J	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	Octadecanoic acid	*	2.700	J	0	0	ug/L
Q2903-01	MW-6A-081925	WATER	Supraene	*	12.700	J	0	0	ug/L
			Total Tics :		**157.30**				
			Total Concentration:		**157.30**				
Client ID : MW-1C-081925									
Q2903-02	MW-1C-081925	WATER	Naphthalene		33.500		0.52	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	1,1-Biphenyl		9.200		0.55	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	Acenaphthylene		14.900		0.77	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	Acenaphthene		12.300		0.57	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	Fluorene		3.000	J	0.65	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	Phenanthrene		14.500		0.52	5.2	ug/L
Q2903-02	MW-1C-081925	WATER	Anthracene		2.800	J	0.63	5.2	ug/L
			Total Svoc :		**90.20**				
Q2903-02	MW-1C-081925	WATER	Anthracene, 1-methyl-	*	4.300	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Benzene, 1,3-dimethyl-	*	3.600	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Benzene, 1-ethyl-2-methyl-	*	2.400	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Benzene, 1-ethyl-3-methyl-	*	3.700	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Benzo[b]thiophene, 4-methyl-	*	2.900	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Benzophenone	*	2.600	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Butane, 2-methoxy-2-methyl-	*	100.000	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Cyclopenta[c]thiapyran	*	2.400	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Dibenzothiophene	*	2.300	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	1H-Indene, 1-methyl-	*	8.000	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	1H-Indene, 3-methyl-	*	7.300	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	1-Propyne, 3-phenyl-	*	10.200	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.800	AB	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Naphthalene, 1,5-dimethyl-	*	8.800	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Naphthalene, 1,6-dimethyl-	*	5.500	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	Naphthalene, 2,7-dimethyl-	*	5.900	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	unknown6.751	*	5.700	J	0	0	ug/L
Q2903-02	MW-1C-081925	WATER	1-Methylnaphthalene	*	62.100	J	0.68	5.2	ug/L
			Total Tics :		**242.50**				

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		**332.70**				
Client ID :	**MW-6B-081925**								
Q2903-03	MW-6B-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.200	AB	0	0	ug/L
Q2903-03	MW-6B-081925	WATER	Benzophenone	*	2.700	J	0	0	ug/L
Q2903-03	MW-6B-081925	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2903-03	MW-6B-081925	WATER	n-Hexadecanoic acid	*	4.500	J	0	0	ug/L
Q2903-03	MW-6B-081925	WATER	Supraene	*	3.100	J	0	0	ug/L
			Total Tics :		**125.50**				
			Total Concentration:		**125.50**				
Client ID :	**MW-1B-081925**								
Q2903-04	MW-1B-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.000	AB	0	0	ug/L
Q2903-04	MW-1B-081925	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
Q2903-04	MW-1B-081925	WATER	Palmitoleic acid	*	3.300	J	0	0	ug/L
			Total Tics :		**129.30**				
			Total Concentration:		**129.30**				
Client ID :	**MW-12B-081925**								
Q2903-07	MW-12B-081925	WATER	Naphthalene		84.200		0.54	5.4	ug/L
Q2903-07	MW-12B-081925	WATER	Bis(2-ethylhexyl)phthalate		2.500	J	1.7	5.4	ug/L
			Total Svoc :		**86.70**				
Q2903-07	MW-12B-081925	WATER	1H-Inden-5-ol, 2,3-dihydro-	*	2.900	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Hexadecanoic acid, 1,1-dimethyle	*	3.300	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	2,6-Dimethylphenyl isocyanate	*	4.700	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.200	AB	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Benzene, 1-ethyl-4-methyl-	*	8.400	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Benzene, 2-propenyl-	*	260.000	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Benzophenone	*	3.900	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	n-Hexadecanoic acid	*	6.000	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	N-Methyl-1H-benzimidazol-2-am	*	4.600	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Pentadecafluorooctanoic acid, oct	*	3.300	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	Trifluoroacetoxy hexadecane	*	4.300	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	unknown6.981	*	5.600	J	0	0	ug/L
Q2903-07	MW-12B-081925	WATER	1-Methylnaphthalene	*	9.100	J	0.72	5.4	ug/L
			Total Tics :		**432.30**				
			Total Concentration:		**519.00**				
Client ID :	**MW-18B-081925**								
Q2903-08	MW-18B-081925	WATER	Naphthalene		35.800		0.5	5	ug/L
Q2903-08	MW-18B-081925	WATER	Acenaphthene		4.400	J	0.55	5	ug/L
Q2903-08	MW-18B-081925	WATER	Carbazole		2.500	J	0.72	5	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :		**42.70**				
Q2903-08	MW-18B-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.200	AB	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	Benzophenone	*	3.000	J	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	Butane, 2-methoxy-2-methyl-	*	99.400	J	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	Hexadecanoic acid, butyl ester	*	2.400	J	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	Indane	*	2.200	J	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	Trichloroacetic acid, hexadecyl es	*	2.600	J	0	0	ug/L
Q2903-08	MW-18B-081925	WATER	1-Methylnaphthalene	*	6.000	J	0.66	5	ug/L
			Total Tics :		**119.80**				
			Total Concentration:		**162.50**				
Client ID :	**DUP-02-081925**								
Q2903-09	DUP-02-081925	WATER	Naphthalene		31.700		0.52	5.2	ug/L
Q2903-09	DUP-02-081925	WATER	Acenaphthene		3.800	J	0.57	5.2	ug/L
Q2903-09	DUP-02-081925	WATER	Carbazole		2.200	J	0.75	5.2	ug/L
			Total Svoc :		**37.70**				
Q2903-09	DUP-02-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.800	AB	0	0	ug/L
Q2903-09	DUP-02-081925	WATER	Benzophenone	*	2.700	J	0	0	ug/L
Q2903-09	DUP-02-081925	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2903-09	DUP-02-081925	WATER	Hexadecanoic acid, 1,1-dimethyle	*	2.800	J	0	0	ug/L
Q2903-09	DUP-02-081925	WATER	1-Methylnaphthalene	*	5.100	J	0.69	5.2	ug/L
			Total Tics :		**125.40**				
			Total Concentration:		**163.10**				
Client ID :	**MW-17A-081925**								
Q2903-10	MW-17A-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.000	AB	0	0	ug/L
Q2903-10	MW-17A-081925	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
Q2903-10	MW-17A-081925	WATER	Hexadecanoic acid, butyl ester	*	2.700	J	0	0	ug/L
Q2903-10	MW-17A-081925	WATER	n-Hexadecanoic acid	*	3.100	J	0	0	ug/L
			Total Tics :		**131.80**				
			Total Concentration:		**131.80**				
Client ID :	**MW-18A-081925**								
Q2903-11	MW-18A-081925	WATER	Phenol		6.900	J	1.9	10.5	ug/L
Q2903-11	MW-18A-081925	WATER	Naphthalene		100.000		1.1	10.5	ug/L
Q2903-11	MW-18A-081925	WATER	2-Methylnaphthalene		11.200		1.2	10.5	ug/L
Q2903-11	MW-18A-081925	WATER	Acenaphthene		4.900	J	1.2	10.5	ug/L
Q2903-11	MW-18A-081925	WATER	Carbazole		7.100	J	1.5	10.5	ug/L
			Total Svoc :		**130.10**				
Q2903-11	MW-18A-081925	WATER	(+)-2-Bornanone	*	14.500	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	.alpha.-Hydroxyisobutyric acid, ac	*	5.100	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	3,6-Acridinediamine, 2,7-dimethy	*	8.200	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2903-11	MW-18A-081925	WATER	3-Methylphenylacetylene	*	5.900	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Benzene, 1,3-dimethyl-	*	6.200	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Benzene, 1-propenyl-	*	5.300	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Butanoic acid, 3-methyl-	*	6.700	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Phenol, 4,4-(1-methylethylidene)b	*	16.500	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	unknown20.566	*	4.800	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	unknown21.071	*	12.900	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	cis-7-Hexadecenoic acid	*	9.700	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Dehydroabietic acid	*	74.700	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Fenchone	*	4.800	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Hexanoic acid, 2-ethyl-	*	5.100	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Isopimaric acid	*	6.500	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	n-Hexadecanoic acid	*	14.200	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	Octadecanoic acid	*	5.000	J	0	0	ug/L
Q2903-11	MW-18A-081925	WATER	1-Methylnaphthalene	*	11.800	J	1.4	10.5	ug/L
			Total Tics :		**337.90**				
			Total Concentration:		**468.00**				
Client ID :	**MW-16B-081925**								
Q2903-12	MW-16B-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.500	AB	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	Benzophenone	*	2.300	J	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	Hexadecanoic acid, 1,1-dimethyle	*	3.300	J	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	n-Hexadecanoic acid	*	2.300	J	0	0	ug/L
			Total Tics :		**123.40**				
			Total Concentration:		**123.40**				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	890 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143566.D	1	08/21/25 08:50	08/22/25 12:02	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.2	U	4.40	11.2	ug/L
108-95-2	Phenol	5.60	U	1.00	5.60	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.60	U	0.91	5.60	ug/L
95-57-8	2-Chlorophenol	5.60	U	0.65	5.60	ug/L
95-48-7	2-Methylphenol	5.60	U	1.30	5.60	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.60	U	1.40	5.60	ug/L
98-86-2	Acetophenone	5.60	U	0.83	5.60	ug/L
65794-96-9	3+4-Methylphenols	11.2	U	1.20	11.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.80	U	1.60	2.80	ug/L
67-72-1	Hexachloroethane	5.60	U	0.73	5.60	ug/L
98-95-3	Nitrobenzene	5.60	U	0.85	5.60	ug/L
78-59-1	Isophorone	5.60	U	0.84	5.60	ug/L
88-75-5	2-Nitrophenol	5.60	U	2.00	5.60	ug/L
105-67-9	2,4-Dimethylphenol	5.60	U	2.10	5.60	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.60	U	0.76	5.60	ug/L
120-83-2	2,4-Dichlorophenol	5.60	U	0.58	5.60	ug/L
91-20-3	Naphthalene	5.60	U	0.56	5.60	ug/L
106-47-8	4-Chloroaniline	5.60	U	0.94	5.60	ug/L
87-68-3	Hexachlorobutadiene	5.60	U	0.61	5.60	ug/L
105-60-2	Caprolactam	11.2	U	1.30	11.2	ug/L
59-50-7	4-Chloro-3-methylphenol	5.60	U	0.66	5.60	ug/L
91-57-6	2-Methylnaphthalene	5.60	U	0.63	5.60	ug/L
77-47-4	Hexachlorocyclopentadiene	11.2	U	4.10	11.2	ug/L
88-06-2	2,4,6-Trichlorophenol	5.60	U	0.57	5.60	ug/L
95-95-4	2,4,5-Trichlorophenol	5.60	U	0.70	5.60	ug/L
92-52-4	1,1-Biphenyl	5.60	U	0.60	5.60	ug/L
91-58-7	2-Chloronaphthalene	5.60	U	0.69	5.60	ug/L
88-74-4	2-Nitroaniline	5.60	U	1.40	5.60	ug/L
131-11-3	Dimethylphthalate	5.60	U	0.69	5.60	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	890 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143566.D	1	08/21/25 08:50	08/22/25 12:02	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.60	U	0.84	5.60	ug/L
606-20-2	2,6-Dinitrotoluene	5.60	U	1.00	5.60	ug/L
99-09-2	3-Nitroaniline	5.60	U	1.20	5.60	ug/L
83-32-9	Acenaphthene	5.60	U	0.62	5.60	ug/L
51-28-5	2,4-Dinitrophenol	11.2	U	6.70	11.2	ug/L
100-02-7	4-Nitrophenol	11.2	U	2.70	11.2	ug/L
132-64-9	Dibenzofuran	5.60	U	0.69	5.60	ug/L
121-14-2	2,4-Dinitrotoluene	5.60	U	1.40	5.60	ug/L
84-66-2	Diethylphthalate	5.60	U	0.78	5.60	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.60	U	0.76	5.60	ug/L
86-73-7	Fluorene	5.60	U	0.71	5.60	ug/L
100-01-6	4-Nitroaniline	5.60	U	1.70	5.60	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.2	U	3.20	11.2	ug/L
86-30-6	n-Nitrosodiphenylamine	5.60	U	0.65	5.60	ug/L
101-55-3	4-Bromophenyl-phenylether	5.60	U	0.45	5.60	ug/L
118-74-1	Hexachlorobenzene	5.60	U	0.58	5.60	ug/L
1912-24-9	Atrazine	5.60	U	1.10	5.60	ug/L
87-86-5	Pentachlorophenol	11.2	U	1.80	11.2	ug/L
85-01-8	Phenanthrene	5.60	U	0.56	5.60	ug/L
120-12-7	Anthracene	5.60	U	0.69	5.60	ug/L
86-74-8	Carbazole	5.60	U	0.81	5.60	ug/L
84-74-2	Di-n-butylphthalate	5.60	UQ	1.40	5.60	ug/L
206-44-0	Fluoranthene	5.60	U	0.92	5.60	ug/L
129-00-0	Pyrene	5.60	U	0.56	5.60	ug/L
85-68-7	Butylbenzylphthalate	5.60	UQ	2.20	5.60	ug/L
91-94-1	3,3-Dichlorobenzidine	11.2	U	1.00	11.2	ug/L
56-55-3	Benzo(a)anthracene	5.60	U	0.51	5.60	ug/L
218-01-9	Chrysene	5.60	U	0.49	5.60	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.60	U	1.80	5.60	ug/L
117-84-0	Di-n-octyl phthalate	11.2	U	2.60	11.2	ug/L
205-99-2	Benzo(b)fluoranthene	5.60	U	0.55	5.60	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	890 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143566.D	1	08/21/25 08:50	08/22/25 12:02	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.60	U	0.54	5.60	ug/L
50-32-8	Benzo(a)pyrene	5.60	U	0.62	5.60	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.60	U	0.66	5.60	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.60	U	0.75	5.60	ug/L
191-24-2	Benzo(g,h,i)perylene	5.60	U	0.78	5.60	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.60	U	0.58	5.60	ug/L
123-91-1	1,4-Dioxane	5.60	U	1.10	5.60	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.60	U	0.81	5.60	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.6		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	48.6		10 - 134	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.5		67 - 132	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.8		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	170		44 - 137	114%	SPK: 150
1718-51-0	Terphenyl-d14	108		42 - 152	108%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	108000	6.922			
1146-65-2	Naphthalene-d8	427000	8.204			
15067-26-2	Acenaphthene-d10	258000	9.963			
1517-22-2	Phenanthrene-d10	458000	11.451			
1719-03-5	Chrysene-d12	251000	14.098			
1520-96-3	Perylene-d12	224000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.90	AB		5.16	ug/L
000119-61-9	Benzophenone	2.50	J		10.7	ug/L
000057-10-3	n-Hexadecanoic acid	11.0	J		12.0	ug/L
000506-17-2	cis-Vaccenic acid	2.50	J		12.7	ug/L
000057-11-4	Octadecanoic acid	2.70	J		12.8	ug/L
007683-64-9	Supraene	12.7	J		14.9	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	890 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143566.D	1	08/21/25 08:50	08/22/25 12:02	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143567.D	1	08/21/25 08:50	08/22/25 12:31	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.3	U	4.00	10.3	ug/L
108-95-2	Phenol	5.20	U	0.94	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.20	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	5.20	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	5.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.20	U	1.30	5.20	ug/L
98-86-2	Acetophenone	5.20	U	0.76	5.20	ug/L
65794-96-9	3+4-Methylphenols	10.3	U	1.10	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.20	U	0.67	5.20	ug/L
98-95-3	Nitrobenzene	5.20	U	0.78	5.20	ug/L
78-59-1	Isophorone	5.20	U	0.77	5.20	ug/L
88-75-5	2-Nitrophenol	5.20	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	5.20	U	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.20	U	0.70	5.20	ug/L
120-83-2	2,4-Dichlorophenol	5.20	U	0.54	5.20	ug/L
91-20-3	Naphthalene	33.5		0.52	5.20	ug/L
106-47-8	4-Chloroaniline	5.20	U	0.87	5.20	ug/L
87-68-3	Hexachlorobutadiene	5.20	U	0.56	5.20	ug/L
105-60-2	Caprolactam	10.3	U	1.20	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	5.20	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	5.20	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	10.3	U	3.70	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	5.20	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	U	0.64	5.20	ug/L
92-52-4	1,1-Biphenyl	9.20		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	5.20	U	0.63	5.20	ug/L
88-74-4	2-Nitroaniline	5.20	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	5.20	U	0.63	5.20	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143567.D	1	08/21/25 08:50	08/22/25 12:31	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	14.9		0.77	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	5.20	U	0.95	5.20	ug/L
99-09-2	3-Nitroaniline	5.20	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	12.3		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	10.3	U	6.20	10.3	ug/L
100-02-7	4-Nitrophenol	10.3	U	2.50	10.3	ug/L
132-64-9	Dibenzofuran	5.20	U	0.63	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	5.20	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	5.20	U	0.71	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.20	U	0.70	5.20	ug/L
86-73-7	Fluorene	3.00	J	0.65	5.20	ug/L
100-01-6	4-Nitroaniline	5.20	U	1.50	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.3	U	3.00	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	5.20	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	5.20	U	0.41	5.20	ug/L
118-74-1	Hexachlorobenzene	5.20	U	0.54	5.20	ug/L
1912-24-9	Atrazine	5.20	U	1.00	5.20	ug/L
87-86-5	Pentachlorophenol	10.3	U	1.60	10.3	ug/L
85-01-8	Phenanthrene	14.5		0.52	5.20	ug/L
120-12-7	Anthracene	2.80	J	0.63	5.20	ug/L
86-74-8	Carbazole	5.20	U	0.74	5.20	ug/L
84-74-2	Di-n-butylphthalate	5.20	UQ	1.30	5.20	ug/L
206-44-0	Fluoranthene	5.20	U	0.85	5.20	ug/L
129-00-0	Pyrene	5.20	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	5.20	UQ	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	10.3	U	0.96	10.3	ug/L
56-55-3	Benzo(a)anthracene	5.20	U	0.46	5.20	ug/L
218-01-9	Chrysene	5.20	U	0.45	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.20	U	1.60	5.20	ug/L
117-84-0	Di-n-octyl phthalate	10.3	U	2.40	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	5.20	U	0.51	5.20	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143567.D	1	08/21/25 08:50	08/22/25 12:31	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.20	U	0.49	5.20	ug/L
50-32-8	Benzo(a)pyrene	5.20	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.20	U	0.69	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	5.20	U	0.71	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.20	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	5.20	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.20	U	0.74	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	62.3		23 - 138	42%	SPK: 150
13127-88-3	Phenol-d6	41.7		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.3		67 - 132	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.1		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	159		44 - 137	106%	SPK: 150
1718-51-0	Terphenyl-d14	101		42 - 152	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000	6.922			
1146-65-2	Naphthalene-d8	465000	8.204			
15067-26-2	Acenaphthene-d10	285000	9.963			
1517-22-2	Phenanthrene-d10	509000	11.451			
1719-03-5	Chrysene-d12	295000	14.098			
1520-96-3	Perylene-d12	245000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.80	AB		5.16	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	3.60	J		5.42	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	2.40	J		6.61	ug/L
	unknown6.751	5.70	J		6.75	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	3.70	J		6.98	ug/L
010147-11-2	1-Propyne, 3-phenyl-	10.2	J		7.18	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1C-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143567.D	1	08/21/25 08:50	08/22/25 12:31	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000767-60-2	1H-Indene, 3-methyl-	7.30	J		7.95	ug/L
000767-59-9	1H-Indene, 1-methyl-	8.00	J		7.99	ug/L
000270-63-3	Cyclopenta[c]thiapyran	2.40	J		8.28	ug/L
014315-11-8	Benzo[b]thiophene, 4-methyl-	2.90	J		8.88	ug/L
90-12-0	1-Methylnaphthalene	62.1	J		9.02	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	5.90	J		9.54	ug/L
000571-61-9	Naphthalene, 1,5-dimethyl-	8.80	J		9.62	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	5.50	J		9.74	ug/L
000119-61-9	Benzophenone	2.60	J		10.7	ug/L
000132-65-0	Dibenzothiophene	2.30	J		11.3	ug/L
000610-48-0	Anthracene, 1-methyl-	4.30	J		12.0	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143568.D	1	08/21/25 08:50	08/22/25 13:00	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.5	U	4.10	10.5	ug/L
108-95-2	Phenol	5.30	U	0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.30	U	0.85	5.30	ug/L
95-57-8	2-Chlorophenol	5.30	U	0.61	5.30	ug/L
95-48-7	2-Methylphenol	5.30	U	1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.30	U	1.30	5.30	ug/L
98-86-2	Acetophenone	5.30	U	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	10.5	U	1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.30	U	0.68	5.30	ug/L
98-95-3	Nitrobenzene	5.30	U	0.80	5.30	ug/L
78-59-1	Isophorone	5.30	U	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	5.30	U	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	5.30	U	1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.30	U	0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	5.30	U	0.55	5.30	ug/L
91-20-3	Naphthalene	5.30	U	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	5.30	U	0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	5.30	U	0.57	5.30	ug/L
105-60-2	Caprolactam	10.5	U	1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	5.30	U	0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	5.30	U	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	10.5	U	3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	5.30	U	0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	5.30	U	0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	5.30	U	0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	5.30	U	0.64	5.30	ug/L
88-74-4	2-Nitroaniline	5.30	U	1.30	5.30	ug/L
131-11-3	Dimethylphthalate	5.30	U	0.64	5.30	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143568.D	1	08/21/25 08:50	08/22/25 13:00	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.30	U	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	5.30	U	0.97	5.30	ug/L
99-09-2	3-Nitroaniline	5.30	U	1.10	5.30	ug/L
83-32-9	Acenaphthene	5.30	U	0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	10.5	U	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	10.5	U	2.50	10.5	ug/L
132-64-9	Dibenzofuran	5.30	U	0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	5.30	U	1.30	5.30	ug/L
84-66-2	Diethylphthalate	5.30	U	0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.30	U	0.72	5.30	ug/L
86-73-7	Fluorene	5.30	U	0.66	5.30	ug/L
100-01-6	4-Nitroaniline	5.30	U	1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.5	U	3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	5.30	U	0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	5.30	U	0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	5.30	U	0.55	5.30	ug/L
1912-24-9	Atrazine	5.30	U	1.10	5.30	ug/L
87-86-5	Pentachlorophenol	10.5	U	1.70	10.5	ug/L
85-01-8	Phenanthrene	5.30	U	0.53	5.30	ug/L
120-12-7	Anthracene	5.30	U	0.64	5.30	ug/L
86-74-8	Carbazole	5.30	U	0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	5.30	UQ	1.30	5.30	ug/L
206-44-0	Fluoranthene	5.30	U	0.86	5.30	ug/L
129-00-0	Pyrene	5.30	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	5.30	UQ	2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.5	U	0.98	10.5	ug/L
56-55-3	Benzo(a)anthracene	5.30	U	0.47	5.30	ug/L
218-01-9	Chrysene	5.30	U	0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.30	U	1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	10.5	U	2.50	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	5.30	U	0.52	5.30	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143568.D	1	08/21/25 08:50	08/22/25 13:00	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.30	U	0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	5.30	U	0.58	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	U	0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.30	U	0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	5.30	U	0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.30	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	5.30	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.30	U	0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	64.4		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	41.7		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.9		67 - 132	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.8		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		44 - 137	105%	SPK: 150
1718-51-0	Terphenyl-d14	108		42 - 152	108%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	99700	6.922			
1146-65-2	Naphthalene-d8	401000	8.204			
15067-26-2	Acenaphthene-d10	243000	9.963			
1517-22-2	Phenanthrene-d10	443000	11.451			
1719-03-5	Chrysene-d12	244000	14.098			
1520-96-3	Perylene-d12	209000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.25	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.20	AB		5.15	ug/L
000119-61-9	Benzophenone	2.70	J		10.7	ug/L
000057-10-3	n-Hexadecanoic acid	4.50	J		12.0	ug/L
007683-64-9	Supraene	3.10	J		14.9	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143568.D	1	08/21/25 08:50	08/22/25 13:00	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143569.D	1	08/21/25 08:50	08/22/25 13:29	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.4	U	4.10	10.4	ug/L
108-95-2	Phenol	5.20	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.20	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	5.20	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	5.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.20	U	1.30	5.20	ug/L
98-86-2	Acetophenone	5.20	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	10.4	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.20	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	5.20	U	0.79	5.20	ug/L
78-59-1	Isophorone	5.20	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	5.20	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	5.20	U	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.20	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	5.20	U	0.54	5.20	ug/L
91-20-3	Naphthalene	5.20	U	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	5.20	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	5.20	U	0.56	5.20	ug/L
105-60-2	Caprolactam	10.4	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	5.20	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	5.20	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	10.4	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	5.20	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	5.20	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	5.20	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	5.20	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	5.20	U	0.64	5.20	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143569.D	1	08/21/25 08:50	08/22/25 13:29	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.20	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	5.20	U	0.96	5.20	ug/L
99-09-2	3-Nitroaniline	5.20	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	5.20	U	0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	10.4	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	10.4	U	2.50	10.4	ug/L
132-64-9	Dibenzofuran	5.20	U	0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	5.20	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	5.20	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.20	U	0.71	5.20	ug/L
86-73-7	Fluorene	5.20	U	0.66	5.20	ug/L
100-01-6	4-Nitroaniline	5.20	U	1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.4	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	5.20	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	5.20	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	5.20	U	0.54	5.20	ug/L
1912-24-9	Atrazine	5.20	U	1.10	5.20	ug/L
87-86-5	Pentachlorophenol	10.4	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	5.20	U	0.52	5.20	ug/L
120-12-7	Anthracene	5.20	U	0.64	5.20	ug/L
86-74-8	Carbazole	5.20	U	0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	5.20	UQ	1.30	5.20	ug/L
206-44-0	Fluoranthene	5.20	U	0.85	5.20	ug/L
129-00-0	Pyrene	5.20	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	5.20	UQ	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	10.4	U	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	5.20	U	0.47	5.20	ug/L
218-01-9	Chrysene	5.20	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.20	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	10.4	U	2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	5.20	U	0.51	5.20	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143569.D	1	08/21/25 08:50	08/22/25 13:29	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.20	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	5.20	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.20	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	5.20	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.20	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	5.20	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.20	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	71.7		23 - 138	48%	SPK: 150
13127-88-3	Phenol-d6	48.9		10 - 134	33%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.5		67 - 132	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.8		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	163		44 - 137	109%	SPK: 150
1718-51-0	Terphenyl-d14	98.7		42 - 152	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	112000	6.922			
1146-65-2	Naphthalene-d8	450000	8.204			
15067-26-2	Acenaphthene-d10	274000	9.963			
1517-22-2	Phenanthrene-d10	494000	11.451			
1719-03-5	Chrysene-d12	289000	14.092			
1520-96-3	Perylene-d12	237000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.00	AB		5.16	ug/L
000373-49-9	Palmitoleic acid	3.30	J		12.7	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-1B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143569.D	1	08/21/25 08:50	08/22/25 13:29	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	920 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143572.D	1	08/21/25 08:50	08/22/25 14:56	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.9	U	4.30	10.9	ug/L
108-95-2	Phenol	5.40	U	0.99	5.40	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.40	U	0.88	5.40	ug/L
95-57-8	2-Chlorophenol	5.40	U	0.63	5.40	ug/L
95-48-7	2-Methylphenol	5.40	U	1.20	5.40	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.40	U	1.40	5.40	ug/L
98-86-2	Acetophenone	5.40	U	0.80	5.40	ug/L
65794-96-9	3+4-Methylphenols	10.9	U	1.20	10.9	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.40	U	0.71	5.40	ug/L
98-95-3	Nitrobenzene	5.40	U	0.83	5.40	ug/L
78-59-1	Isophorone	5.40	U	0.82	5.40	ug/L
88-75-5	2-Nitrophenol	5.40	U	1.90	5.40	ug/L
105-67-9	2,4-Dimethylphenol	5.40	U	2.00	5.40	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.40	U	0.74	5.40	ug/L
120-83-2	2,4-Dichlorophenol	5.40	U	0.57	5.40	ug/L
91-20-3	Naphthalene	84.2		0.54	5.40	ug/L
106-47-8	4-Chloroaniline	5.40	U	0.91	5.40	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	0.59	5.40	ug/L
105-60-2	Caprolactam	10.9	U	1.20	10.9	ug/L
59-50-7	4-Chloro-3-methylphenol	5.40	U	0.64	5.40	ug/L
91-57-6	2-Methylnaphthalene	5.40	U	0.61	5.40	ug/L
77-47-4	Hexachlorocyclopentadiene	10.9	U	3.90	10.9	ug/L
88-06-2	2,4,6-Trichlorophenol	5.40	U	0.55	5.40	ug/L
95-95-4	2,4,5-Trichlorophenol	5.40	U	0.67	5.40	ug/L
92-52-4	1,1-Biphenyl	5.40	U	0.58	5.40	ug/L
91-58-7	2-Chloronaphthalene	5.40	U	0.66	5.40	ug/L
88-74-4	2-Nitroaniline	5.40	U	1.40	5.40	ug/L
131-11-3	Dimethylphthalate	5.40	U	0.66	5.40	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	920 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143572.D	1	08/21/25 08:50	08/22/25 14:56	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.40	U	0.82	5.40	ug/L
606-20-2	2,6-Dinitrotoluene	5.40	U	1.00	5.40	ug/L
99-09-2	3-Nitroaniline	5.40	U	1.10	5.40	ug/L
83-32-9	Acenaphthene	5.40	U	0.60	5.40	ug/L
51-28-5	2,4-Dinitrophenol	10.9	U	6.50	10.9	ug/L
100-02-7	4-Nitrophenol	10.9	U	2.60	10.9	ug/L
132-64-9	Dibenzofuran	5.40	U	0.66	5.40	ug/L
121-14-2	2,4-Dinitrotoluene	5.40	U	1.30	5.40	ug/L
84-66-2	Diethylphthalate	5.40	U	0.75	5.40	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.40	U	0.74	5.40	ug/L
86-73-7	Fluorene	5.40	U	0.68	5.40	ug/L
100-01-6	4-Nitroaniline	5.40	U	1.60	5.40	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.9	U	3.10	10.9	ug/L
86-30-6	n-Nitrosodiphenylamine	5.40	U	0.63	5.40	ug/L
101-55-3	4-Bromophenyl-phenylether	5.40	U	0.43	5.40	ug/L
118-74-1	Hexachlorobenzene	5.40	U	0.57	5.40	ug/L
1912-24-9	Atrazine	5.40	U	1.10	5.40	ug/L
87-86-5	Pentachlorophenol	10.9	U	1.70	10.9	ug/L
85-01-8	Phenanthrene	5.40	U	0.54	5.40	ug/L
120-12-7	Anthracene	5.40	U	0.66	5.40	ug/L
86-74-8	Carbazole	5.40	U	0.78	5.40	ug/L
84-74-2	Di-n-butylphthalate	5.40	UQ	1.30	5.40	ug/L
206-44-0	Fluoranthene	5.40	U	0.89	5.40	ug/L
129-00-0	Pyrene	5.40	U	0.54	5.40	ug/L
85-68-7	Butylbenzylphthalate	5.40	UQ	2.10	5.40	ug/L
91-94-1	3,3-Dichlorobenzidine	10.9	U	1.00	10.9	ug/L
56-55-3	Benzo(a)anthracene	5.40	U	0.49	5.40	ug/L
218-01-9	Chrysene	5.40	U	0.48	5.40	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.50	J	1.70	5.40	ug/L
117-84-0	Di-n-octyl phthalate	10.9	U	2.50	10.9	ug/L
205-99-2	Benzo(b)fluoranthene	5.40	U	0.53	5.40	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	920 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143572.D	1	08/21/25 08:50	08/22/25 14:56	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.40	U	0.52	5.40	ug/L
50-32-8	Benzo(a)pyrene	5.40	U	0.60	5.40	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.40	U	0.64	5.40	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.40	U	0.73	5.40	ug/L
191-24-2	Benzo(g,h,i)perylene	5.40	U	0.75	5.40	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.40	U	0.57	5.40	ug/L
123-91-1	1,4-Dioxane	5.40	U	1.10	5.40	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.40	U	0.78	5.40	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	71.5		23 - 138	48%	SPK: 150
13127-88-3	Phenol-d6	49.7		10 - 134	33%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.2		67 - 132	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.4		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		44 - 137	103%	SPK: 150
1718-51-0	Terphenyl-d14	92.6		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	105000	6.922			
1146-65-2	Naphthalene-d8	412000	8.204			
15067-26-2	Acenaphthene-d10	254000	9.963			
1517-22-2	Phenanthrene-d10	439000	11.451			
1719-03-5	Chrysene-d12	251000	14.092			
1520-96-3	Perylene-d12	225000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.20	AB		5.16	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	8.40	J		6.61	ug/L
	unknown6.981	5.60	J		6.98	ug/L
000300-57-2	Benzene, 2-propenyl-	260	J		7.12	ug/L
90-12-0	1-Methylnaphthalene	9.10	J		9.02	ug/L
001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	2.90	J		9.09	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-12B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	920 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143572.D	1	08/21/25 08:50	08/22/25 14:56	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
028556-81-2	2,6-Dimethylphenyl isocyanate	4.70	J		10.2	ug/L
017228-38-5	N-Methyl-1H-benzimidazol-2-amine	4.60	J		10.4	ug/L
000119-61-9	Benzophenone	3.90	J		10.7	ug/L
000057-10-3	n-Hexadecanoic acid	6.00	J		12.0	ug/L
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	3.30	J		12.9	ug/L
1000406-04-8	Pentadecafluorooctanoic acid, octa	3.30	J		13.3	ug/L
006222-03-3	Trifluoroacetoxy hexadecane	4.30	J		13.9	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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143573.D	1	08/21/25 08:50	08/22/25 15:25	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	35.8		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	5.00	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143573.D	1	08/21/25 08:50	08/22/25 15:25	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	5.00	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	5.00	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	4.40	J	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	10.0	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	10.0	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	5.00	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	5.00	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	5.00	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.00	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	5.00	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
1912-24-9	Atrazine	5.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
86-74-8	Carbazole	2.50	J	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	UQ	1.20	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	5.00	UQ	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143573.D	1	08/21/25 08:50	08/22/25 15:25	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	61.2		23 - 138	41%	SPK: 150
13127-88-3	Phenol-d6	47.5		10 - 134	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.7		67 - 132	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.6		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		44 - 137	89%	SPK: 150
1718-51-0	Terphenyl-d14	101		42 - 152	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	115000	6.922			
1146-65-2	Naphthalene-d8	461000	8.204			
15067-26-2	Acenaphthene-d10	268000	9.963			
1517-22-2	Phenanthrene-d10	418000	11.451			
1719-03-5	Chrysene-d12	235000	14.092			
1520-96-3	Perylene-d12	229000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	99.4	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.20	AB		5.16	ug/L
000496-11-7	Indane	2.20	J		7.10	ug/L
90-12-0	1-Methylnaphthalene	6.00	J		9.02	ug/L
000119-61-9	Benzophenone	3.00	J		10.7	ug/L
000111-06-8	Hexadecanoic acid, butyl ester	2.40	J		12.9	ug/L
074339-54-1	Trichloroacetic acid, hexadecyl es	2.60	J		13.9	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143573.D	1	08/21/25 08:50	08/22/25 15:25	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	DUP-02-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143574.D	1	08/21/25 08:50	08/22/25 15:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.4	U	4.10	10.4	ug/L
108-95-2	Phenol	5.20	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.20	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	5.20	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	5.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.20	U	1.30	5.20	ug/L
98-86-2	Acetophenone	5.20	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	10.4	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.20	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	5.20	U	0.79	5.20	ug/L
78-59-1	Isophorone	5.20	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	5.20	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	5.20	U	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.20	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	5.20	U	0.54	5.20	ug/L
91-20-3	Naphthalene	31.7		0.52	5.20	ug/L
106-47-8	4-Chloroaniline	5.20	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	5.20	U	0.56	5.20	ug/L
105-60-2	Caprolactam	10.4	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	5.20	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	5.20	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	10.4	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	5.20	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	5.20	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	5.20	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	5.20	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	5.20	U	0.64	5.20	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	DUP-02-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143574.D	1	08/21/25 08:50	08/22/25 15:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.20	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	5.20	U	0.96	5.20	ug/L
99-09-2	3-Nitroaniline	5.20	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	3.80	J	0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	10.4	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	10.4	U	2.50	10.4	ug/L
132-64-9	Dibenzofuran	5.20	U	0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	5.20	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	5.20	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.20	U	0.71	5.20	ug/L
86-73-7	Fluorene	5.20	U	0.66	5.20	ug/L
100-01-6	4-Nitroaniline	5.20	U	1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.4	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	5.20	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	5.20	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	5.20	U	0.54	5.20	ug/L
1912-24-9	Atrazine	5.20	U	1.10	5.20	ug/L
87-86-5	Pentachlorophenol	10.4	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	5.20	U	0.52	5.20	ug/L
120-12-7	Anthracene	5.20	U	0.64	5.20	ug/L
86-74-8	Carbazole	2.20	J	0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	5.20	UQ	1.30	5.20	ug/L
206-44-0	Fluoranthene	5.20	U	0.85	5.20	ug/L
129-00-0	Pyrene	5.20	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	5.20	UQ	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	10.4	U	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	5.20	U	0.47	5.20	ug/L
218-01-9	Chrysene	5.20	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.20	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	10.4	U	2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	5.20	U	0.51	5.20	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	DUP-02-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143574.D	1	08/21/25 08:50	08/22/25 15:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.20	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	5.20	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.20	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	5.20	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.20	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	5.20	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.20	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	69.6		23 - 138	46%	SPK: 150
13127-88-3	Phenol-d6	55.3		10 - 134	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.4		67 - 132	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.1		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	106		42 - 152	106%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	104000	6.922			
1146-65-2	Naphthalene-d8	414000	8.204			
15067-26-2	Acenaphthene-d10	248000	9.963			
1517-22-2	Phenanthrene-d10	387000	11.451			
1719-03-5	Chrysene-d12	209000	14.092			
1520-96-3	Perylene-d12	199000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.80	AB		5.16	ug/L
90-12-0	1-Methylnaphthalene	5.10	J		9.02	ug/L
000119-61-9	Benzophenone	2.70	J		10.7	ug/L
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	2.80	J		12.9	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	DUP-02-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143574.D	1	08/21/25 08:50	08/22/25 15:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-17A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143575.D	1	08/21/25 08:50	08/22/25 16:24	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.4	U	4.10	10.4	ug/L
108-95-2	Phenol	5.20	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.20	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	5.20	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	5.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.20	U	1.30	5.20	ug/L
98-86-2	Acetophenone	5.20	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	10.4	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	5.20	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	5.20	U	0.79	5.20	ug/L
78-59-1	Isophorone	5.20	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	5.20	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	5.20	U	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.20	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	5.20	U	0.54	5.20	ug/L
91-20-3	Naphthalene	5.20	U	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	5.20	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	5.20	U	0.56	5.20	ug/L
105-60-2	Caprolactam	10.4	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	5.20	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	5.20	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	10.4	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	5.20	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	5.20	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	5.20	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	5.20	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	5.20	U	0.64	5.20	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-17A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143575.D	1	08/21/25 08:50	08/22/25 16:24	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.20	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	5.20	U	0.96	5.20	ug/L
99-09-2	3-Nitroaniline	5.20	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	5.20	U	0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	10.4	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	10.4	U	2.50	10.4	ug/L
132-64-9	Dibenzofuran	5.20	U	0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	5.20	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	5.20	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.20	U	0.71	5.20	ug/L
86-73-7	Fluorene	5.20	U	0.66	5.20	ug/L
100-01-6	4-Nitroaniline	5.20	U	1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.4	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	5.20	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	5.20	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	5.20	U	0.54	5.20	ug/L
1912-24-9	Atrazine	5.20	U	1.10	5.20	ug/L
87-86-5	Pentachlorophenol	10.4	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	5.20	U	0.52	5.20	ug/L
120-12-7	Anthracene	5.20	U	0.64	5.20	ug/L
86-74-8	Carbazole	5.20	U	0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	5.20	UQ	1.30	5.20	ug/L
206-44-0	Fluoranthene	5.20	U	0.85	5.20	ug/L
129-00-0	Pyrene	5.20	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	5.20	UQ	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	10.4	U	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	5.20	U	0.47	5.20	ug/L
218-01-9	Chrysene	5.20	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.20	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	10.4	U	2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	5.20	U	0.51	5.20	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-17A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143575.D	1	08/21/25 08:50	08/22/25 16:24	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.20	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	5.20	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.20	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	5.20	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.20	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	5.20	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.20	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	65.3		23 - 138	44%	SPK: 150
13127-88-3	Phenol-d6	42.2		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	101		67 - 132	101%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.4		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		44 - 137	97%	SPK: 150
1718-51-0	Terphenyl-d14	96.6		42 - 152	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	91700	6.922			
1146-65-2	Naphthalene-d8	366000	8.204			
15067-26-2	Acenaphthene-d10	215000	9.963			
1517-22-2	Phenanthrene-d10	364000	11.451			
1719-03-5	Chrysene-d12	199000	14.092			
1520-96-3	Perylene-d12	192000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.00	AB		5.15	ug/L
000057-10-3	n-Hexadecanoic acid	3.10	J		12.0	ug/L
000111-06-8	Hexadecanoic acid, butyl ester	2.70	J		12.9	ug/L

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Report of Analysis

Client:	AECOM			Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY			Date Received:	08/19/25
Client Sample ID:	MW-17A-081925			SDG No.:	Q2903
Lab Sample ID:	Q2903-10			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143575.D	1	08/21/25 08:50	08/22/25 16:24	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025549.D	2	08/21/25 08:50	08/22/25 14:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	21.1	U	8.20	21.1	ug/L
108-95-2	Phenol	6.90	J	1.90	10.5	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.5	U	1.70	10.5	ug/L
95-57-8	2-Chlorophenol	10.5	U	1.20	10.5	ug/L
95-48-7	2-Methylphenol	10.5	U	2.40	10.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.5	U	2.70	10.5	ug/L
98-86-2	Acetophenone	10.5	U	1.60	10.5	ug/L
65794-96-9	3+4-Methylphenols	21.1	U	2.30	21.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	5.30	U	3.00	5.30	ug/L
67-72-1	Hexachloroethane	10.5	U	1.40	10.5	ug/L
98-95-3	Nitrobenzene	10.5	U	1.60	10.5	ug/L
78-59-1	Isophorone	10.5	U	1.60	10.5	ug/L
88-75-5	2-Nitrophenol	10.5	U	3.70	10.5	ug/L
105-67-9	2,4-Dimethylphenol	10.5	U	3.90	10.5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.5	U	1.40	10.5	ug/L
120-83-2	2,4-Dichlorophenol	10.5	U	1.10	10.5	ug/L
91-20-3	Naphthalene	100		1.10	10.5	ug/L
106-47-8	4-Chloroaniline	10.5	U	1.80	10.5	ug/L
87-68-3	Hexachlorobutadiene	10.5	U	1.10	10.5	ug/L
105-60-2	Caprolactam	21.1	U	2.40	21.1	ug/L
59-50-7	4-Chloro-3-methylphenol	10.5	U	1.20	10.5	ug/L
91-57-6	2-Methylnaphthalene	11.2		1.20	10.5	ug/L
77-47-4	Hexachlorocyclopentadiene	21.1	U	7.60	21.1	ug/L
88-06-2	2,4,6-Trichlorophenol	10.5	U	1.10	10.5	ug/L
95-95-4	2,4,5-Trichlorophenol	10.5	U	1.30	10.5	ug/L
92-52-4	1,1-Biphenyl	10.5	U	1.10	10.5	ug/L
91-58-7	2-Chloronaphthalene	10.5	U	1.30	10.5	ug/L
88-74-4	2-Nitroaniline	10.5	U	2.70	10.5	ug/L
131-11-3	Dimethylphthalate	10.5	U	1.30	10.5	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025549.D	2	08/21/25 08:50	08/22/25 14:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	10.5	U	1.60	10.5	ug/L
606-20-2	2,6-Dinitrotoluene	10.5	U	1.90	10.5	ug/L
99-09-2	3-Nitroaniline	10.5	U	2.20	10.5	ug/L
83-32-9	Acenaphthene	4.90	J	1.20	10.5	ug/L
51-28-5	2,4-Dinitrophenol	21.1	U	12.6	21.1	ug/L
100-02-7	4-Nitrophenol	21.1	U	5.00	21.1	ug/L
132-64-9	Dibenzofuran	10.5	U	1.30	10.5	ug/L
121-14-2	2,4-Dinitrotoluene	10.5	U	2.60	10.5	ug/L
84-66-2	Diethylphthalate	10.5	U	1.50	10.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.5	U	1.40	10.5	ug/L
86-73-7	Fluorene	10.5	U	1.30	10.5	ug/L
100-01-6	4-Nitroaniline	10.5	U	3.20	10.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	21.1	U	6.10	21.1	ug/L
86-30-6	n-Nitrosodiphenylamine	10.5	U	1.20	10.5	ug/L
101-55-3	4-Bromophenyl-phenylether	10.5	U	0.84	10.5	ug/L
118-74-1	Hexachlorobenzene	10.5	U	1.10	10.5	ug/L
1912-24-9	Atrazine	10.5	U	2.10	10.5	ug/L
87-86-5	Pentachlorophenol	21.1	U	3.30	21.1	ug/L
85-01-8	Phenanthrene	10.5	U	1.10	10.5	ug/L
120-12-7	Anthracene	10.5	U	1.30	10.5	ug/L
86-74-8	Carbazole	7.10	J	1.50	10.5	ug/L
84-74-2	Di-n-butylphthalate	10.5	UQ	2.60	10.5	ug/L
206-44-0	Fluoranthene	10.5	U	1.70	10.5	ug/L
129-00-0	Pyrene	10.5	U	1.10	10.5	ug/L
85-68-7	Butylbenzylphthalate	10.5	UQ	4.10	10.5	ug/L
91-94-1	3,3-Dichlorobenzidine	21.1	U	2.00	21.1	ug/L
56-55-3	Benzo(a)anthracene	10.5	U	0.95	10.5	ug/L
218-01-9	Chrysene	10.5	U	0.93	10.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.5	U	3.40	10.5	ug/L
117-84-0	Di-n-octyl phthalate	21.1	U	4.90	21.1	ug/L
205-99-2	Benzo(b)fluoranthene	10.5	U	1.00	10.5	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025549.D	2	08/21/25 08:50	08/22/25 14:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	10.5	U	1.00	10.5	ug/L
50-32-8	Benzo(a)pyrene	10.5	U	1.20	10.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.5	U	1.20	10.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.5	U	1.40	10.5	ug/L
191-24-2	Benzo(g,h,i)perylene	10.5	U	1.50	10.5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.5	U	1.10	10.5	ug/L
123-91-1	1,4-Dioxane	10.5	U	2.10	10.5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.5	U	1.50	10.5	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.4		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	43.1		10 - 134	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.9		67 - 132	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.5		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		44 - 137	94%	SPK: 150
1718-51-0	Terphenyl-d14	84.7		42 - 152	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	143000	7.778			
1146-65-2	Naphthalene-d8	579000	10.548			
15067-26-2	Acenaphthene-d10	367000	14.389			
1517-22-2	Phenanthrene-d10	749000	17.189			
1719-03-5	Chrysene-d12	830000	21.648			
1520-96-3	Perylene-d12	979000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		3.03	ug/L
000503-74-2	Butanoic acid, 3-methyl-	6.70	J		4.71	ug/L
1000374-31-3	.alpha.-Hydroxyisobutyric acid, ac	5.10	J		4.94	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	6.20	J		5.83	ug/L
000637-50-3	Benzene, 1-propenyl-	5.30	J		8.15	ug/L
000766-82-5	3-Methylphenylacetylene	5.90	J		8.31	ug/L
001195-79-5	Fenchone	4.80	J		9.01	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-18A-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025549.D	2	08/21/25 08:50	08/22/25 14:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000149-57-5	Hexanoic acid, 2-ethyl-	5.10	J		9.06	ug/L
000464-49-3	(+)-2-Bornanone	14.5	J		9.97	ug/L
90-12-0	1-Methylnaphthalene	11.8	J		12.4	ug/L
000057-10-3	n-Hexadecanoic acid	14.2	J		18.1	ug/L
002416-19-5	cis-7-Hexadecenoic acid	9.70	J		19.3	ug/L
000057-11-4	Octadecanoic acid	5.00	J		19.5	ug/L
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	16.5	J		19.7	ug/L
	unknown20.566	4.80	J		20.6	ug/L
	unknown21.071	12.9	J		21.1	ug/L
005835-26-7	Isopimaric acid	6.50	J		21.1	ug/L
001740-19-8	Dehydroabietic acid	74.7	J		21.3	ug/L
000092-26-2	3,6-Acridinediamine, 2,7-dimethyl-	8.20	J		21.7	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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-16B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-12	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143576.D	1	08/21/25 08:50	08/22/25 16:53	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.1	U	3.90	10.1	ug/L
108-95-2	Phenol	5.10	U	0.92	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.10	U	0.82	5.10	ug/L
95-57-8	2-Chlorophenol	5.10	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	5.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.10	U	1.30	5.10	ug/L
98-86-2	Acetophenone	5.10	U	0.75	5.10	ug/L
65794-96-9	3+4-Methylphenols	10.1	U	1.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.10	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	5.10	U	0.77	5.10	ug/L
78-59-1	Isophorone	5.10	U	0.76	5.10	ug/L
88-75-5	2-Nitrophenol	5.10	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	5.10	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.10	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	5.10	U	0.53	5.10	ug/L
91-20-3	Naphthalene	5.10	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	5.10	U	0.85	5.10	ug/L
87-68-3	Hexachlorobutadiene	5.10	U	0.55	5.10	ug/L
105-60-2	Caprolactam	10.1	U	1.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	5.10	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	5.10	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	10.1	U	3.70	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	5.10	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	5.10	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	5.10	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	5.10	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	5.10	U	0.62	5.10	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-16B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-12	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143576.D	1	08/21/25 08:50	08/22/25 16:53	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.10	U	0.76	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	5.10	U	0.93	5.10	ug/L
99-09-2	3-Nitroaniline	5.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	5.10	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	10.1	U	6.00	10.1	ug/L
100-02-7	4-Nitrophenol	10.1	U	2.40	10.1	ug/L
132-64-9	Dibenzofuran	5.10	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	5.10	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	5.10	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.10	U	0.69	5.10	ug/L
86-73-7	Fluorene	5.10	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	5.10	U	1.50	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.1	U	2.90	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	5.10	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	5.10	U	0.40	5.10	ug/L
118-74-1	Hexachlorobenzene	5.10	U	0.53	5.10	ug/L
1912-24-9	Atrazine	5.10	U	1.00	5.10	ug/L
87-86-5	Pentachlorophenol	10.1	U	1.60	10.1	ug/L
85-01-8	Phenanthrene	5.10	U	0.51	5.10	ug/L
120-12-7	Anthracene	5.10	U	0.62	5.10	ug/L
86-74-8	Carbazole	5.10	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	5.10	UQ	1.20	5.10	ug/L
206-44-0	Fluoranthene	5.10	U	0.83	5.10	ug/L
129-00-0	Pyrene	5.10	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	5.10	UQ	1.90	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	10.1	U	0.94	10.1	ug/L
56-55-3	Benzo(a)anthracene	5.10	U	0.45	5.10	ug/L
218-01-9	Chrysene	5.10	U	0.44	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.10	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	10.1	U	2.40	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	5.10	U	0.49	5.10	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-16B-081925	SDG No.:	Q2903
Lab Sample ID:	Q2903-12	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143576.D	1	08/21/25 08:50	08/22/25 16:53	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.10	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.10	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	5.10	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.10	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	73.9		23 - 138	49%	SPK: 150
13127-88-3	Phenol-d6	56.2		10 - 134	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.4		67 - 132	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.4		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	143		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	98.9		42 - 152	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	94300	6.922			
1146-65-2	Naphthalene-d8	372000	8.204			
15067-26-2	Acenaphthene-d10	224000	9.963			
1517-22-2	Phenanthrene-d10	394000	11.451			
1719-03-5	Chrysene-d12	214000	14.092			
1520-96-3	Perylene-d12	187000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.50	AB		5.16	ug/L
000119-61-9	Benzophenone	2.30	J		10.7	ug/L
000057-10-3	n-Hexadecanoic acid	2.30	J		12.0	ug/L
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	3.30	J		12.9	ug/L

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Report of Analysis

Client:	AECOM			Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY			Date Received:	08/19/25
Client Sample ID:	MW-16B-081925			SDG No.:	Q2903
Lab Sample ID:	Q2903-12			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143576.D	1	08/21/25 08:50	08/22/25 16:53	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q2903

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169330BL	PB169330BL	2-Fluorophenol	150	122	81		23	138
		Phenol-d6	150	123	82		10	134
		Nitrobenzene-d5	100	89.5	90		67	132
		2-Fluorobiphenyl	100	86.1	86		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	91.3	91		42	152
PB169330BS	PB169330BS	2-Fluorophenol	150	119	79		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	86.9	87		67	132
		2-Fluorobiphenyl	100	83.7	84		52	132
		2,4,6-Tribromophenol	150	132	88		44	137
		Terphenyl-d14	100	93.7	94		42	152
Q2903-01	MW-6A-081925	2-Fluorophenol	150	70.6	47		23	138
		Phenol-d6	150	48.6	32		10	134
		Nitrobenzene-d5	100	98.5	99		67	132
		2-Fluorobiphenyl	100	85.8	86		52	132
		2,4,6-Tribromophenol	150	170	114		44	137
		Terphenyl-d14	100	108	108		42	152
Q2903-02	MW-1C-081925	2-Fluorophenol	150	62.3	42		23	138
		Phenol-d6	150	41.7	28		10	134
		Nitrobenzene-d5	100	95.3	95		67	132
		2-Fluorobiphenyl	100	81.1	81		52	132
		2,4,6-Tribromophenol	150	159	106		44	137
		Terphenyl-d14	100	101	101		42	152
Q2903-03	MW-6B-081925	2-Fluorophenol	150	64.4	43		23	138
		Phenol-d6	150	41.7	28		10	134
		Nitrobenzene-d5	100	90.9	91		67	132
		2-Fluorobiphenyl	100	80.8	81		52	132
		2,4,6-Tribromophenol	150	158	105		44	137
		Terphenyl-d14	100	108	108		42	152
Q2903-04	MW-1B-081925	2-Fluorophenol	150	71.7	48		23	138
		Phenol-d6	150	48.9	33		10	134
		Nitrobenzene-d5	100	97.5	98		67	132
		2-Fluorobiphenyl	100	83.8	84		52	132
		2,4,6-Tribromophenol	150	163	109		44	137
		Terphenyl-d14	100	98.7	99		42	152
Q2903-05MS	MW-6B-081925MS	2-Fluorophenol	150	67.0	45		23	138
		Phenol-d6	150	44.9	30		10	134
		Nitrobenzene-d5	100	95.2	95		67	132
		2-Fluorobiphenyl	100	88.1	88		52	132
		2,4,6-Tribromophenol	150	149	99		44	137
		Terphenyl-d14	100	97.5	98		42	152
Q2903-06MSD	MW-6B-081925MSD	2-Fluorophenol	150	67.3	45		23	138
		Phenol-d6	150	45.3	30		10	134
		Nitrobenzene-d5	100	95.7	96		67	132
		2-Fluorobiphenyl	100	85.9	86		52	132
		2,4,6-Tribromophenol	150	144	96		44	137
		Terphenyl-d14	100	96.1	96		42	152
Q2903-07	MW-12B-081925	2-Fluorophenol	150	71.5	48		23	138
		Phenol-d6	150	49.7	33		10	134
		Nitrobenzene-d5	100	93.2	93		67	132

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Surrogate Summary

SW-846

SDG No.: Q2903

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2903-07	MW-12B-081925	2-Fluorobiphenyl	100	78.4	78		52	132
		2,4,6-Tribromophenol	150	154	103		44	137
		Terphenyl-d14	100	92.6	93		42	152
Q2903-08	MW-18B-081925	2-Fluorophenol	150	61.2	41		23	138
		Phenol-d6	150	47.5	32		10	134
		Nitrobenzene-d5	100	94.7	95		67	132
		2-Fluorobiphenyl	100	83.6	84		52	132
		2,4,6-Tribromophenol	150	134	89		44	137
		Terphenyl-d14	100	101	101		42	152
Q2903-09	DUP-02-081925	2-Fluorophenol	150	69.6	46		23	138
		Phenol-d6	150	55.3	37		10	134
		Nitrobenzene-d5	100	96.4	96		67	132
		2-Fluorobiphenyl	100	83.1	83		52	132
		2,4,6-Tribromophenol	150	136	90		44	137
		Terphenyl-d14	100	106	106		42	152
Q2903-10	MW-17A-081925	2-Fluorophenol	150	65.3	44		23	138
		Phenol-d6	150	42.2	28		10	134
		Nitrobenzene-d5	100	101	101		67	132
		2-Fluorobiphenyl	100	86.4	86		52	132
		2,4,6-Tribromophenol	150	146	97		44	137
		Terphenyl-d14	100	96.6	97		42	152
Q2903-11	MW-18A-081925	2-Fluorophenol	150	70.4	47		23	138
		Phenol-d6	150	43.1	29		10	134
		Nitrobenzene-d5	100	88.9	89		67	132
		2-Fluorobiphenyl	100	82.5	83		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	84.7	85		42	152
Q2903-12	MW-16B-081925	2-Fluorophenol	150	73.9	49		23	138
		Phenol-d6	150	56.2	37		10	134
		Nitrobenzene-d5	100	99.4	99		67	132
		2-Fluorobiphenyl	100	84.4	84		52	132
		2,4,6-Tribromophenol	150	143	96		44	137
		Terphenyl-d14	100	98.9	99		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF143570.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2903-05MS		**Client Sample ID: MW-6B-081925MS**									
Benzaldehyde	53.2	0	24.8	ug/L	47				10	137	
Phenol	53.2	0	17.8	ug/L	33				10	130	
bis(2-Chloroethyl)ether	53.2	0	41.5	ug/L	78				29	141	
2-Chlorophenol	53.2	0	37.2	ug/L	70				23	127	
2-Methylphenol	53.2	0	35.3	ug/L	66				60	131	
2,2-oxybis(1-Chloropropane)	53.2	0	38.4	ug/L	72				36	141	
Acetophenone	53.2	0	47.9	ug/L	90				31	164	
3+4-Methylphenols	53.2	0	33.1	ug/L	62				54	136	
N-Nitroso-di-n-propylamine	53.2	0	52.0	ug/L	98				36	147	
Hexachloroethane	53.2	0	20.0	ug/L	38				19	146	
Nitrobenzene	53.2	0	44.2	ug/L	83				62	112	
Isophorone	53.2	0	51.1	ug/L	96				39	146	
2-Nitrophenol	53.2	0	46.3	ug/L	87				30	148	
2,4-Dimethylphenol	53.2	0	43.5	ug/L	82				17	143	
bis(2-Chloroethoxy)methane	53.2	0	48.1	ug/L	90				39	143	
2,4-Dichlorophenol	53.2	0	45.1	ug/L	85				22	146	
Naphthalene	53.2	0	35.4	ug/L	67				17	157	
4-Chloroaniline	53.2	0	25.2	ug/L	47				10	95	
Hexachlorobutadiene	53.2	0	26.7	ug/L	50	*			52	125	
Caprolactam	53.2	0	13.3	ug/L	25				10	130	
4-Chloro-3-methylphenol	53.2	0	49.0	ug/L	92				17	148	
2-Methylnaphthalene	53.2	0	38.8	ug/L	73				38	146	
Hexachlorocyclopentadiene	110	0	81.1	ug/L	74				20	153	
2,4,6-Trichlorophenol	53.2	0	49.8	ug/L	94				78	112	
2,4,5-Trichlorophenol	53.2	0	48.9	ug/L	92				71	111	
1,1-Biphenyl	53.2	0	45.4	ug/L	85				38	154	
2-Chloronaphthalene	53.2	0	43.8	ug/L	82				41	145	
2-Nitroaniline	53.2	0	54.6	ug/L	103				39	151	
Dimethylphthalate	53.2	0	56.2	ug/L	106				42	147	
Acenaphthylene	53.2	0	52.3	ug/L	98				40	141	
2,6-Dinitrotoluene	53.2	0	57.7	ug/L	108				43	148	
3-Nitroaniline	53.2	0	31.6	ug/L	59				10	111	
Acenaphthene	53.2	0	52.3	ug/L	98				37	146	
2,4-Dinitrophenol	110	0	98.1	ug/L	89				14	167	
4-Nitrophenol	110	0	43.9	ug/L	40				10	130	
Dibenzofuran	53.2	0	48.9	ug/L	92				41	145	
2,4-Dinitrotoluene	53.2	0	58.9	ug/L	111				74	137	
Diethylphthalate	53.2	0	60.5	ug/L	114				41	148	
4-Chlorophenyl-phenylether	53.2	0	51.1	ug/L	96				38	149	
Fluorene	53.2	0	50.9	ug/L	96				39	144	
4-Nitroaniline	53.2	0	55.4	ug/L	104				27	138	
4,6-Dinitro-2-methylphenol	53.2	0	52.9	ug/L	99				32	175	
N-Nitrosodiphenylamine	53.2	0	49.4	ug/L	93				40	150	
4-Bromophenyl-phenylether	53.2	0	50.2	ug/L	94				42	151	
Hexachlorobenzene	53.2	0	49.8	ug/L	94				72	115	
Atrazine	53.2	0	63.3	ug/L	119				20	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF143570.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	110	0	110	ug/L	100				52	162	
Phenanthrene	53.2	0	48.6	ug/L	91				40	147	
Anthracene	53.2	0	49.0	ug/L	92				41	146	
Carbazole	53.2	0	49.9	ug/L	94				37	154	
Di-n-butylphthalate	53.2	0	71.5	ug/L	134				40	151	
Fluoranthene	53.2	0	50.5	ug/L	95				42	146	
Pyrene	53.2	0	49.0	ug/L	92				41	149	
Butylbenzylphthalate	53.2	0	74.7	ug/L	140				39	155	
3,3-Dichlorobenzidine	53.2	0	30.0	ug/L	56				10	114	
Benzo(a)anthracene	53.2	0	51.1	ug/L	96				41	147	
Chrysene	53.2	0	49.8	ug/L	94				44	144	
bis(2-Ethylhexyl)phthalate	53.2	0	69.0	ug/L	130				33	160	
Di-n-octyl phthalate	53.2	0	54.2	ug/L	102				36	158	
Benzo(b)fluoranthene	53.2	0	58.2	ug/L	109				40	150	
Benzo(k)fluoranthene	53.2	0	48.0	ug/L	90				40	147	
Benzo(a)pyrene	53.2	0	53.6	ug/L	101				42	147	
Indeno(1,2,3-cd)pyrene	53.2	0	47.4	ug/L	89				30	166	
Dibenz(a,h)anthracene	53.2	0	48.5	ug/L	91				23	172	
Benzo(g,h,i)perylene	53.2	0	45.2	ug/L	85				27	167	
1,2,4,5-Tetrachlorobenzene	53.2	0	41.5	ug/L	78	*			89	102	
1,4-Dioxane	53.2	0	20.0	ug/L	38				38	130	
2,3,4,6-Tetrachlorophenol	53.2	0	56.9	ug/L	107				91	111	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF143571.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2903-06MSD		**Client Sample ID: MW-6B-081925MSD**									
Benzaldehyde	53.2	0	25.2	ug/L	47		0		10	137	20
Phenol	53.2	0	17.8	ug/L	33		0		10	130	20
bis(2-Chloroethyl)ether	53.2	0	42.3	ug/L	80		3		29	141	20
2-Chlorophenol	53.2	0	37.1	ug/L	70		0		23	127	20
2-Methylphenol	53.2	0	35.5	ug/L	67		2		60	131	20
2,2-oxybis(1-Chloropropane)	53.2	0	38.5	ug/L	72		0		36	141	20
Acetophenone	53.2	0	46.8	ug/L	88		2		31	164	20
3+4-Methylphenols	53.2	0	33.9	ug/L	64		3		54	136	20
N-Nitroso-di-n-propylamine	53.2	0	52.6	ug/L	99		1		36	147	20
Hexachloroethane	53.2	0	20.1	ug/L	38		0		19	146	20
Nitrobenzene	53.2	0	44.0	ug/L	83		0		62	112	20
Isophorone	53.2	0	51.1	ug/L	96		0		39	146	20
2-Nitrophenol	53.2	0	47.3	ug/L	89		2		30	148	20
2,4-Dimethylphenol	53.2	0	44.1	ug/L	83		1		17	143	20
bis(2-Chloroethoxy)methane	53.2	0	47.6	ug/L	89		1		39	143	20
2,4-Dichlorophenol	53.2	0	45.2	ug/L	85		0		22	146	20
Naphthalene	53.2	0	35.2	ug/L	66		2		17	157	20
4-Chloroaniline	53.2	0	25.1	ug/L	47		0		10	95	20
Hexachlorobutadiene	53.2	0	26.1	ug/L	49	*	2		52	125	20
Caprolactam	53.2	0	13.1	ug/L	25		0		10	130	20
4-Chloro-3-methylphenol	53.2	0	49.9	ug/L	94		2		17	148	20
2-Methylnaphthalene	53.2	0	38.8	ug/L	73		0		38	146	20
Hexachlorocyclopentadiene	110	0	80.6	ug/L	73		1		20	153	20
2,4,6-Trichlorophenol	53.2	0	48.8	ug/L	92		2		78	112	20
2,4,5-Trichlorophenol	53.2	0	47.4	ug/L	89		3		71	111	20
1,1-Biphenyl	53.2	0	44.5	ug/L	84		1		38	154	20
2-Chloronaphthalene	53.2	0	42.9	ug/L	81		1		41	145	20
2-Nitroaniline	53.2	0	53.3	ug/L	100		3		39	151	20
Dimethylphthalate	53.2	0	55.1	ug/L	104		2		42	147	20
Acenaphthylene	53.2	0	51.0	ug/L	96		2		40	141	20
2,6-Dinitrotoluene	53.2	0	56.5	ug/L	106		2		43	148	20
3-Nitroaniline	53.2	0	30.6	ug/L	58		2		10	111	20
Acenaphthene	53.2	0	51.2	ug/L	96		2		37	146	20
2,4-Dinitrophenol	110	0	96.2	ug/L	87		2		14	167	20
4-Nitrophenol	110	0	42.6	ug/L	39		3		10	130	20
Dibenzofuran	53.2	0	47.6	ug/L	89		3		41	145	20
2,4-Dinitrotoluene	53.2	0	57.2	ug/L	108		3		74	137	20
Diethylphthalate	53.2	0	58.6	ug/L	110		4		41	148	20
4-Chlorophenyl-phenylether	53.2	0	49.6	ug/L	93		3		38	149	20
Fluorene	53.2	0	49.3	ug/L	93		3		39	144	20
4-Nitroaniline	53.2	0	53.0	ug/L	100		4		27	138	20
4,6-Dinitro-2-methylphenol	53.2	0	53.8	ug/L	101		2		32	175	20
N-Nitrosodiphenylamine	53.2	0	50.3	ug/L	95		2		40	150	20
4-Bromophenyl-phenylether	53.2	0	51.2	ug/L	96		2		42	151	20
Hexachlorobenzene	53.2	0	50.4	ug/L	95		1		72	115	20
Atrazine	53.2	0	63.3	ug/L	119		0		20	162	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BF143571.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	110	0	110	ug/L	100		0		52	162	20
Phenanthrene	53.2	0	48.5	ug/L	91		0		40	147	20
Anthracene	53.2	0	49.6	ug/L	93		1		41	146	20
Carbazole	53.2	0	49.4	ug/L	93		1		37	154	20
Di-n-butylphthalate	53.2	0	71.0	ug/L	133		1		40	151	20
Fluoranthene	53.2	0	49.7	ug/L	93		2		42	146	20
Pyrene	53.2	0	47.8	ug/L	90		2		41	149	20
Butylbenzylphthalate	53.2	0	73.5	ug/L	138		1		39	155	20
3,3-Dichlorobenzidine	53.2	0	31.8	ug/L	60		7		10	114	20
Benzo(a)anthracene	53.2	0	51.7	ug/L	97		1		41	147	20
Chrysene	53.2	0	49.2	ug/L	92		2		44	144	20
bis(2-Ethylhexyl)phthalate	53.2	0	67.8	ug/L	127		2		33	160	20
Di-n-octyl phthalate	53.2	0	54.5	ug/L	102		0		36	158	20
Benzo(b)fluoranthene	53.2	0	52.1	ug/L	98		11		40	150	20
Benzo(k)fluoranthene	53.2	0	54.4	ug/L	102		13		40	147	20
Benzo(a)pyrene	53.2	0	53.7	ug/L	101		0		42	147	20
Indeno(1,2,3-cd)pyrene	53.2	0	45.3	ug/L	85		5		30	166	20
Dibenz(a,h)anthracene	53.2	0	46.0	ug/L	86		6		23	172	20
Benzo(g,h,i)perylene	53.2	0	42.2	ug/L	79		7		27	167	20
1,2,4,5-Tetrachlorobenzene	53.2	0	40.2	ug/L	76	*	3		89	102	20
1,4-Dioxane	53.2	0	19.8	ug/L	37	*	3		38	130	20
2,3,4,6-Tetrachlorophenol	53.2	0	55.2	ug/L	104		3		91	111	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143565.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169330BS	Benzaldehyde	50	24.7	ug/L	49				10	162	
	Phenol	50	41.8	ug/L	84				66	118	
	bis(2-Chloroethyl)ether	50	41.9	ug/L	84				62	103	
	2-Chlorophenol	50	42.8	ug/L	86				70	117	
	2-Methylphenol	50	44.2	ug/L	88				69	109	
	2,2-oxybis(1-Chloropropane)	50	41.1	ug/L	82				65	100	
	Acetophenone	50	45.6	ug/L	91				60	104	
	3+4-Methylphenols	50	45.0	ug/L	90				67	106	
	N-Nitroso-di-n-propylamine	50	46.2	ug/L	92				57	107	
	Hexachloroethane	50	44.8	ug/L	90				76	118	
	Nitrobenzene	50	44.5	ug/L	89				58	106	
	Isophorone	50	45.2	ug/L	90				61	102	
	2-Nitrophenol	50	45.0	ug/L	90				70	115	
	2,4-Dimethylphenol	50	46.3	ug/L	93				42	142	
	bis(2-Chloroethoxy)methane	50	43.2	ug/L	86				58	109	
	2,4-Dichlorophenol	50	43.0	ug/L	86				66	115	
	Naphthalene	50	42.2	ug/L	84				64	107	
	4-Chloroaniline	50	22.0	ug/L	44				10	85	
	Hexachlorobutadiene	50	44.8	ug/L	90				69	101	
	Caprolactam	50	55.1	ug/L	110				58	128	
	4-Chloro-3-methylphenol	50	46.1	ug/L	92				65	114	
	2-Methylnaphthalene	50	39.3	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	42.8	ug/L	86				61	110	
	2,4,5-Trichlorophenol	50	41.5	ug/L	83				70	106	
	1,1-Biphenyl	50	42.8	ug/L	86				72	98	
	2-Chloronaphthalene	50	41.6	ug/L	83				59	106	
	2-Nitroaniline	50	45.9	ug/L	92				73	114	
	Dimethylphthalate	50	47.0	ug/L	94				64	103	
	Acenaphthylene	50	47.1	ug/L	94				79	103	
	2,6-Dinitrotoluene	50	49.0	ug/L	98				64	110	
	3-Nitroaniline	50	30.8	ug/L	62				28	100	
	Acenaphthene	50	45.6	ug/L	91				59	113	
	2,4-Dinitrophenol	100	77.2	ug/L	77				36	166	
	4-Nitrophenol	100	97.6	ug/L	98				45	147	
	Dibenzofuran	50	43.2	ug/L	86				65	106	
	2,4-Dinitrotoluene	50	49.0	ug/L	98				60	115	
	Diethylphthalate	50	49.5	ug/L	99				63	105	
	4-Chlorophenyl-phenylether	50	43.2	ug/L	86				61	104	
	Fluorene	50	44.2	ug/L	88				64	107	
	4-Nitroaniline	50	49.3	ug/L	99				55	125	
	4,6-Dinitro-2-methylphenol	50	45.2	ug/L	90				62	132	
	N-Nitrosodiphenylamine	50	43.7	ug/L	87				61	109	
	4-Bromophenyl-phenylether	50	42.8	ug/L	86				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2903 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BF143565.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169330BS	Hexachlorobenzene	50	44.0	ug/L	88				73	106	
	Atrazine	50	56.1	ug/L	112				76	120	
	Pentachlorophenol	100	92.1	ug/L	92				47	114	
	Phenanthrene	50	43.4	ug/L	87				62	109	
	Anthracene	50	44.4	ug/L	89				65	110	
	Carbazole	50	46.3	ug/L	93				62	106	
	Di-n-butylphthalate	50	58.1	ug/L	116		*		64	106	
	Fluoranthene	50	47.2	ug/L	94				64	110	
	Pyrene	50	45.4	ug/L	91				71	103	
	Butylbenzylphthalate	50	55.5	ug/L	111		*		61	105	
	3,3-Dichlorobenzidine	50	28.9	ug/L	58				43	108	
	Benzo(a)anthracene	50	45.9	ug/L	92				62	107	
	Chrysene	50	43.9	ug/L	88				61	108	
	bis(2-Ethylhexyl)phthalate	50	43.0	ug/L	86				59	110	
	Di-n-octyl phthalate	50	39.4	ug/L	79				52	139	
	Benzo(b)fluoranthene	50	45.6	ug/L	91				77	113	
	Benzo(k)fluoranthene	50	47.2	ug/L	94				77	105	
	Benzo(a)pyrene	50	47.6	ug/L	95				72	131	
	Indeno(1,2,3-cd)pyrene	50	44.9	ug/L	90				72	105	
	Dibenz(a,h)anthracene	50	45.5	ug/L	91				78	115	
	Benzo(g,h,i)perylene	50	46.1	ug/L	92				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.5	ug/L	83				72	101	
	1,4-Dioxane	50	36.3	ug/L	73				38	125	
	2,3,4,6-Tetrachlorophenol	50	48.0	ug/L	96				63	116	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169330BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2903

Lab File ID: BF143564.D | Lab Sample ID: PB169330BL

Instrument ID: BNA_F | Date Extracted: 08/21/2025

Matrix: (soil/water) Water | Date Analyzed: 08/22/2025

Level: (low/med) LOW | Time Analyzed: 10:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169330BS	PB169330BS	BF143565.D	08/22/2025
MW-6A-081925	Q2903-01	BF143566.D	08/22/2025
MW-1C-081925	Q2903-02	BF143567.D	08/22/2025
MW-6B-081925	Q2903-03	BF143568.D	08/22/2025
MW-1B-081925	Q2903-04	BF143569.D	08/22/2025
MW-6B-081925MS	Q2903-05MS	BF143570.D	08/22/2025
MW-6B-081925MSD	Q2903-06MSD	BF143571.D	08/22/2025
MW-12B-081925	Q2903-07	BF143572.D	08/22/2025
MW-18B-081925	Q2903-08	BF143573.D	08/22/2025
DUP-02-081925	Q2903-09	BF143574.D	08/22/2025
MW-17A-081925	Q2903-10	BF143575.D	08/22/2025
MW-16B-081925	Q2903-12	BF143576.D	08/22/2025
MW-18A-081925	Q2903-11	BP025549.D	08/22/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

Lab File ID: BF143476.D DFTPP Injection Date: 08/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	27.4
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143477.D	08/20/2025	10:55
SSTDICC005	SSTDICC005	BF143478.D	08/20/2025	11:25
SSTDICC010	SSTDICC010	BF143479.D	08/20/2025	11:54
SSTDICC020	SSTDICC020	BF143480.D	08/20/2025	12:23
SSTDICCC040	SSTDICCC040	BF143481.D	08/20/2025	12:53
SSTDICC050	SSTDICC050	BF143482.D	08/20/2025	13:22
SSTDICC060	SSTDICC060	BF143483.D	08/20/2025	13:51
SSTDICC080	SSTDICC080	BF143484.D	08/20/2025	14:20

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

Lab File ID: BF143562.D DFTPP Injection Date: 08/22/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	29.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143563.D	08/22/2025	10:29
PB169330BL	PB169330BL	BF143564.D	08/22/2025	10:58
PB169330BS	PB169330BS	BF143565.D	08/22/2025	11:27
MW-6A-081925	Q2903-01	BF143566.D	08/22/2025	12:02
MW-1C-081925	Q2903-02	BF143567.D	08/22/2025	12:31
MW-6B-081925	Q2903-03	BF143568.D	08/22/2025	13:00
MW-1B-081925	Q2903-04	BF143569.D	08/22/2025	13:29
MW-6B-081925MS	Q2903-05MS	BF143570.D	08/22/2025	13:58
MW-6B-081925MSD	Q2903-06MSD	BF143571.D	08/22/2025	14:27
MW-12B-081925	Q2903-07	BF143572.D	08/22/2025	14:56
MW-18B-081925	Q2903-08	BF143573.D	08/22/2025	15:25
DUP-02-081925	Q2903-09	BF143574.D	08/22/2025	15:54
MW-17A-081925	Q2903-10	BF143575.D	08/22/2025	16:24
MW-16B-081925	Q2903-12	BF143576.D	08/22/2025	16:53

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2903

Lab File ID: BP025390.D | DFTPP Injection Date: 08/14/2025

Instrument ID: BNA_P | DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

Lab File ID: BP025543.D DFTPP Injection Date: 08/22/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025544.D	08/22/2025	10:49
MW-18A-081925	Q2903-11	BP025549.D	08/22/2025	14:54

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2903

Client ID : SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BF143563.D Time Analyzed: 10:29

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	94271	6.928	366222	8.21	205977	9.96
	UPPER LIMIT	188542	7.428	732444	8.71	411954	10.463
	LOWER LIMIT	47135.5	6.428	183111	7.71	102989	9.463
	EPA SAMPLE NO.						
01	PB169330BL	100068	6.92	390789	8.20	222590	9.96
02	PB169330BS	101018	6.93	389858	8.21	220374	9.97
03	MW-6A-081925	108481	6.92	426866	8.20	257748	9.96
04	MW-1C-081925	120005	6.92	465163	8.20	284812	9.96
05	MW-6B-081925	99679	6.92	401264	8.20	242882	9.96
06	MW-1B-081925	111726	6.92	450143	8.20	273559	9.96
07	MW-6B-081925MS	107400	6.92	425430	8.21	249781	9.97
08	MW-6B-081925MSD	106227	6.92	426928	8.21	255816	9.97
09	MW-12B-081925	104645	6.92	412054	8.20	253705	9.96
10	MW-18B-081925	115011	6.92	460839	8.20	268378	9.96
11	DUP-02-081925	103766	6.92	414035	8.20	247803	9.96
12	MW-17A-081925	91723	6.92	366130	8.20	214850	9.96
13	MW-16B-081925	94313	6.92	372419	8.20	224179	9.96

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2903

Client ID: SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BF143563.D Time Analyzed: 10:29

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	328132	11.451	185804	14.098	191413	15.598
	UPPER LIMIT	656264	11.951	371608	14.598	382826	16.098
	LOWER LIMIT	164066	10.951	92902	13.598	95706.5	15.098
	EPA SAMPLE NO.						
01	PB169330BL	383198	11.45	245973	14.10	204292	15.60
02	PB169330BS	354024	11.46	211918	14.10	208497	15.60
03	MW-6A-081925	457617	11.45	250701	14.10	223630	15.59
04	MW-1C-081925	508948	11.45	295318	14.10	244662	15.59
05	MW-6B-081925	443411	11.45	244215	14.10	209082	15.59
06	MW-1B-081925	493633	11.45	289120	14.09	236894	15.59
07	MW-6B-081925MS	414431	11.46	243358	14.10	233140	15.60
08	MW-6B-081925MSD	407531	11.46	240925	14.10	232913	15.60
09	MW-12B-081925	438807	11.45	250826	14.09	225338	15.59
10	MW-18B-081925	418179	11.45	235322	14.09	229304	15.59
11	DUP-02-081925	387247	11.45	209004	14.09	198825	15.59
12	MW-17A-081925	364260	11.45	199085	14.09	192075	15.59
13	MW-16B-081925	393667	11.45	213541	14.09	186593	15.59

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2903

Client ID : SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BP025544.D Time Analyzed: 10:49

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	137158	7.778	591885	10.55	400784	14.39
	UPPER LIMIT	274316	8.278	1183770	11.048	801568	14.889
	LOWER LIMIT	68579	7.278	295943	10.048	200392	13.889
	EPA SAMPLE NO.						
01	MW-18A-081925	142633	7.78	578856	10.55	367275	14.39

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2903

Client ID: SSTDCCC040 Date Analyzed: 08/22/2025

Lab File ID: BP025544.D Time Analyzed: 10:49

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	833863	17.189	897419	21.624	1034530	24.989
	UPPER LIMIT	1667730	17.689	1794840	22.124	2069060	25.489
	LOWER LIMIT	416932	16.689	448710	21.124	517265	24.489
	EPA SAMPLE NO.						
01	MW-18A-081925	749496	17.19	830183	21.65	978534	25.01

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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 UPPER 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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169330BL	SDG No.:	Q2903
Lab Sample ID:	PB169330BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143564.D	1	08/21/25 08:50	08/22/25 10:58	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	5.00	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169330BL	SDG No.:	Q2903
Lab Sample ID:	PB169330BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143564.D	1	08/21/25 08:50	08/22/25 10:58	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	5.00	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	5.00	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	10.0	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	10.0	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	5.00	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	5.00	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	5.00	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.00	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	5.00	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
1912-24-9	Atrazine	5.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
86-74-8	Carbazole	5.00	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	5.00	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169330BL	SDG No.:	Q2903
Lab Sample ID:	PB169330BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143564.D	1	08/21/25 08:50	08/22/25 10:58	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	122		23 - 138	81%	SPK: 150
13127-88-3	Phenol-d6	123		10 - 134	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.5		67 - 132	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.1		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	91.3		42 - 152	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	100000	6.922			
1146-65-2	Naphthalene-d8	391000	8.204			
15067-26-2	Acenaphthene-d10	223000	9.963			
1517-22-2	Phenanthrene-d10	383000	11.451			
1719-03-5	Chrysene-d12	246000	14.098			
1520-96-3	Perylene-d12	204000	15.598			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.80	A		5.18	ug/L
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	7.80	J		17.4	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169330BL	SDG No.:	Q2903
Lab Sample ID:	PB169330BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143564.D	1	08/21/25 08:50	08/22/25 10:58	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169330BS	SDG No.:	Q2903
Lab Sample ID:	PB169330BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143565.D	1	08/21/25 08:50	08/22/25 11:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	24.7		3.90	10.0	ug/L
108-95-2	Phenol	41.8		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.9		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	42.8		0.58	5.00	ug/L
95-48-7	2-Methylphenol	44.2		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.1		1.30	5.00	ug/L
98-86-2	Acetophenone	45.6		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	45.0		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	44.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.5		0.76	5.00	ug/L
78-59-1	Isophorone	45.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	45.0		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	46.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.2		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.0		0.52	5.00	ug/L
91-20-3	Naphthalene	42.2		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	22.0		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.8		0.54	5.00	ug/L
105-60-2	Caprolactam	55.1		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	46.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	39.3		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	42.8		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	41.5		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	42.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	41.6		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	45.9		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	47.0		0.61	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169330BS	SDG No.:	Q2903
Lab Sample ID:	PB169330BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143565.D	1	08/21/25 08:50	08/22/25 11:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	47.1		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	49.0		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	30.8		1.10	5.00	ug/L
83-32-9	Acenaphthene	45.6		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	77.2		6.00	10.0	ug/L
100-02-7	4-Nitrophenol	97.6	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	43.2		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	49.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	49.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.2		0.68	5.00	ug/L
86-73-7	Fluorene	44.2		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	49.3		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.2		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	43.7		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.0		0.52	5.00	ug/L
1912-24-9	Atrazine	56.1		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	92.1	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.4		0.50	5.00	ug/L
120-12-7	Anthracene	44.4		0.61	5.00	ug/L
86-74-8	Carbazole	46.3		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	58.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	47.2		0.82	5.00	ug/L
129-00-0	Pyrene	45.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	55.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	28.9		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.9		0.45	5.00	ug/L
218-01-9	Chrysene	43.9		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	43.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.4		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.6		0.49	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	PB169330BS	SDG No.:	Q2903
Lab Sample ID:	PB169330BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143565.D	1	08/21/25 08:50	08/22/25 11:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	47.2		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	47.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.9		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.5		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	46.1		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	36.3		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.0		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		23 - 138	79%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 134	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.9		67 - 132	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.7		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		44 - 137	88%	SPK: 150
1718-51-0	Terphenyl-d14	93.7		42 - 152	94%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	101000	6.928			
1146-65-2	Naphthalene-d8	390000	8.21			
15067-26-2	Acenaphthene-d10	220000	9.969			
1517-22-2	Phenanthrene-d10	354000	11.457			
1719-03-5	Chrysene-d12	212000	14.098			
1520-96-3	Perylene-d12	208000	15.598			

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MS	SDG No.:	Q2903
Lab Sample ID:	Q2903-05MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143570.D	1	08/21/25 08:50	08/22/25 13:58	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	24.8		4.20	10.6	ug/L
108-95-2	Phenol	17.8		0.97	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.5		0.86	5.30	ug/L
95-57-8	2-Chlorophenol	37.2		0.62	5.30	ug/L
95-48-7	2-Methylphenol	35.3		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.4		1.40	5.30	ug/L
98-86-2	Acetophenone	47.9		0.79	5.30	ug/L
65794-96-9	3+4-Methylphenols	33.1		1.20	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.0		1.50	2.70	ug/L
67-72-1	Hexachloroethane	20.0		0.69	5.30	ug/L
98-95-3	Nitrobenzene	44.2		0.81	5.30	ug/L
78-59-1	Isophorone	51.1		0.80	5.30	ug/L
88-75-5	2-Nitrophenol	46.3		1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	43.5		2.00	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.1		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	45.1		0.55	5.30	ug/L
91-20-3	Naphthalene	35.4		0.53	5.30	ug/L
106-47-8	4-Chloroaniline	25.2		0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	26.7		0.57	5.30	ug/L
105-60-2	Caprolactam	13.3		1.20	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	49.0		0.63	5.30	ug/L
91-57-6	2-Methylnaphthalene	38.8		0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	81.1		3.90	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	49.8		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	48.9		0.66	5.30	ug/L
92-52-4	1,1-Biphenyl	45.4		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	43.8		0.65	5.30	ug/L
88-74-4	2-Nitroaniline	54.6		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	56.2		0.65	5.30	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MS	SDG No.:	Q2903
Lab Sample ID:	Q2903-05MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143570.D	1	08/21/25 08:50	08/22/25 13:58	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	52.3		0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	57.7		0.98	5.30	ug/L
99-09-2	3-Nitroaniline	31.6		1.10	5.30	ug/L
83-32-9	Acenaphthene	52.3		0.59	5.30	ug/L
51-28-5	2,4-Dinitrophenol	98.1	E	6.40	10.6	ug/L
100-02-7	4-Nitrophenol	43.9		2.50	10.6	ug/L
132-64-9	Dibenzofuran	48.9		0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	58.9		1.30	5.30	ug/L
84-66-2	Diethylphthalate	60.5		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	51.1		0.72	5.30	ug/L
86-73-7	Fluorene	50.9		0.67	5.30	ug/L
100-01-6	4-Nitroaniline	55.4		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.9		3.10	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	49.4		0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	50.2		0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	49.8		0.55	5.30	ug/L
1912-24-9	Atrazine	63.3		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.6	ug/L
85-01-8	Phenanthrene	48.6		0.53	5.30	ug/L
120-12-7	Anthracene	49.0		0.65	5.30	ug/L
86-74-8	Carbazole	49.9		0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	71.5		1.30	5.30	ug/L
206-44-0	Fluoranthene	50.5		0.87	5.30	ug/L
129-00-0	Pyrene	49.0		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	74.7		2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	30.0		0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	51.1		0.48	5.30	ug/L
218-01-9	Chrysene	49.8		0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	69.0		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	54.2		2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	58.2		0.52	5.30	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MS	SDG No.:	Q2903
Lab Sample ID:	Q2903-05MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143570.D	1	08/21/25 08:50	08/22/25 13:58	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	48.0		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	53.6		0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.5		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	45.2		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	20.0		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.9		0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.0		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	44.9		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.2		67 - 132	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.1		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		44 - 137	99%	SPK: 150
1718-51-0	Terphenyl-d14	97.5		42 - 152	98%	SPK: 100

INTERNAL STANDARDS			
3855-82-1	1,4-Dichlorobenzene-d4	107000	6.922
1146-65-2	Naphthalene-d8	425000	8.21
15067-26-2	Acenaphthene-d10	250000	9.969
1517-22-2	Phenanthrene-d10	414000	11.457
1719-03-5	Chrysene-d12	243000	14.098
1520-96-3	Perylene-d12	233000	15.598

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MSD	SDG No.:	Q2903
Lab Sample ID:	Q2903-06MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143571.D	1	08/21/25 08:50	08/22/25 14:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	25.2		4.20	10.6	ug/L
108-95-2	Phenol	17.8		0.97	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.3		0.86	5.30	ug/L
95-57-8	2-Chlorophenol	37.1		0.62	5.30	ug/L
95-48-7	2-Methylphenol	35.5		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.5		1.40	5.30	ug/L
98-86-2	Acetophenone	46.8		0.79	5.30	ug/L
65794-96-9	3+4-Methylphenols	33.9		1.20	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.6		1.50	2.70	ug/L
67-72-1	Hexachloroethane	20.1		0.69	5.30	ug/L
98-95-3	Nitrobenzene	44.0		0.81	5.30	ug/L
78-59-1	Isophorone	51.1		0.80	5.30	ug/L
88-75-5	2-Nitrophenol	47.3		1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	44.1		2.00	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.6		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	45.2		0.55	5.30	ug/L
91-20-3	Naphthalene	35.2		0.53	5.30	ug/L
106-47-8	4-Chloroaniline	25.1		0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	26.1		0.57	5.30	ug/L
105-60-2	Caprolactam	13.1		1.20	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	49.9		0.63	5.30	ug/L
91-57-6	2-Methylnaphthalene	38.8		0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	80.6		3.90	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	48.8		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	47.4		0.66	5.30	ug/L
92-52-4	1,1-Biphenyl	44.5		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	42.9		0.65	5.30	ug/L
88-74-4	2-Nitroaniline	53.3		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	55.1		0.65	5.30	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MSD	SDG No.:	Q2903
Lab Sample ID:	Q2903-06MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143571.D	1	08/21/25 08:50	08/22/25 14:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	51.0		0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	56.5		0.98	5.30	ug/L
99-09-2	3-Nitroaniline	30.6		1.10	5.30	ug/L
83-32-9	Acenaphthene	51.2		0.59	5.30	ug/L
51-28-5	2,4-Dinitrophenol	96.2	E	6.40	10.6	ug/L
100-02-7	4-Nitrophenol	42.6		2.50	10.6	ug/L
132-64-9	Dibenzofuran	47.6		0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	57.2		1.30	5.30	ug/L
84-66-2	Diethylphthalate	58.6		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.6		0.72	5.30	ug/L
86-73-7	Fluorene	49.3		0.67	5.30	ug/L
100-01-6	4-Nitroaniline	53.0		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.8		3.10	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	50.3		0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	51.2		0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	50.4		0.55	5.30	ug/L
1912-24-9	Atrazine	63.3		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.6	ug/L
85-01-8	Phenanthrene	48.5		0.53	5.30	ug/L
120-12-7	Anthracene	49.6		0.65	5.30	ug/L
86-74-8	Carbazole	49.4		0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	71.0		1.30	5.30	ug/L
206-44-0	Fluoranthene	49.7		0.87	5.30	ug/L
129-00-0	Pyrene	47.8		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	73.5		2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	31.8		0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	51.7		0.48	5.30	ug/L
218-01-9	Chrysene	49.2		0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	67.8		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	54.5		2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	52.1		0.52	5.30	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/19/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/19/25
Client Sample ID:	MW-6B-081925MSD	SDG No.:	Q2903
Lab Sample ID:	Q2903-06MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143571.D	1	08/21/25 08:50	08/22/25 14:27	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	54.4		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	53.7		0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.3		0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.0		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	42.2		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.2		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	19.8		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	55.2		0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.3		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	45.3		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.7		67 - 132	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.9		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	96.1		42 - 152	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	106000	6.922			
1146-65-2	Naphthalene-d8	427000	8.21			
15067-26-2	Acenaphthene-d10	256000	9.969			
1517-22-2	Phenanthrene-d10	408000	11.457			
1719-03-5	Chrysene-d12	241000	14.098			
1520-96-3	Perylene-d12	233000	15.598			

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

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 21 06:12:21 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143477.D 5 =BF143478.D 10 =BF143479.D 20 =BF143480.D 40 =BF143481.D 50 =BF143482.D 60 =BF143483.D 80 =BF1434
84.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.528	0.529	0.539	0.536	0.519	0.542	0.522	0.531	1.62
3)		Pyridine		1.339	1.392	1.435	1.438	1.389	1.477	1.421	1.413	3.13
4)		n-Nitrosodimet...			0.604	0.619	0.641	0.633	0.666	0.648	0.635	3.44
5)	S	2-Fluorophenol		1.203	1.198	1.194	1.138	1.087	1.137	1.061	1.145	4.92
6)		Aniline		2.034	1.969	1.959	1.890	1.800	1.864	1.714	1.890	5.78
7)	S	Phenol-d6		1.536	1.460	1.471	1.407	1.342	1.384	1.299	1.414	5.76
8)		2-Chlorophenol		1.301	1.284	1.302	1.268	1.229	1.270	1.202	1.265	2.94
9)		Benzaldehyde			1.008	0.981	1.200	1.133	1.402		1.145	14.80
10)	C	Phenol		1.741	1.695	1.725	1.646	1.554	1.593	1.449	1.629	6.43
11)		bis(2-Chloroet...		1.296	1.230	1.235	1.213	1.170	1.221	1.156	1.217	3.78
12)		1,3-Dichlorobe...		1.558	1.451	1.466	1.414	1.345	1.399	1.317	1.421	5.65
13)	C	1,4-Dichlorobe...		1.531	1.487	1.483	1.411	1.355	1.409	1.304	1.426	5.62
14)		1,2-Dichlorobe...		1.448	1.413	1.386	1.348	1.289	1.333	1.233	1.350	5.45
15)		Benzyl Alcohol			1.037	1.063	1.083	1.040	1.088	1.041	1.059	2.14
16)		2,2'-oxybis(1-...		2.144	2.104	2.053	1.954	1.805	1.868	1.703	1.947	8.40
17)		2-Methylphenol		1.052	1.042	1.056	1.011	0.975	1.011	0.960	1.015	3.67
18)		Hexachloroethane		0.495	0.498	0.502	0.491	0.462	0.489	0.456	0.485	3.79
19)	P	n-Nitroso-di-n...	0.922	0.943	0.912	0.879	0.844	0.800	0.832	0.781	0.864	6.86
20)		3+4-Methylphenols			1.337	1.320	1.218	1.143	1.178	1.076	1.212	8.40
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.489	0.464	0.459	0.418	0.402	0.410	0.382	0.432	8.99
23)	S	Nitrobenzene-d5		0.354	0.345	0.357	0.344	0.335	0.340	0.325	0.343	3.18
24)		Nitrobenzene		0.353	0.351	0.366	0.356	0.348	0.358	0.337	0.353	2.55
25)		Isophorone		0.666	0.630	0.644	0.621	0.608	0.625	0.603	0.628	3.41
26)	C	2-Nitrophenol		0.162	0.165	0.177	0.177	0.175	0.180	0.173	0.173	3.76
27)		2,4-Dimethylph...		0.283	0.272	0.281	0.270	0.262	0.265	0.251	0.269	4.11
28)		bis(2-Chloroet...		0.409	0.399	0.401	0.386	0.371	0.379	0.357	0.386	4.74
29)	C	2,4-Dichloroph...		0.293	0.299	0.303	0.288	0.281	0.283	0.266	0.288	4.30
30)		1,2,4-Trichlor...		0.318	0.300	0.314	0.292	0.282	0.291	0.274	0.296	5.46
31)		Naphthalene		1.069	1.009	1.014	0.943	0.907	0.921	0.859	0.960	7.58
32)		Benzoic acid			0.086	0.116	0.145	0.153	0.163	0.160	0.137	21.97
33)		4-Chloroaniline		0.359	0.345	0.362	0.343	0.331	0.330	0.315	0.341	4.87
34)	C	Hexachlorobuta...		0.207	0.199	0.201	0.192	0.186	0.190	0.177	0.193	5.21
35)		Caprolactam			0.063	0.068	0.071	0.071	0.070	0.072	0.069	4.96
36)	C	4-Chloro-3-met...		0.303	0.292	0.303	0.287	0.280	0.284	0.269	0.288	4.25
37)		2-Methylnaphth...		0.716	0.684	0.684	0.633	0.600	0.610	0.562	0.641	8.62
38)		1-Methylnaphth...		0.692	0.651	0.650	0.603	0.577	0.581	0.540	0.613	8.62

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.629	0.584	0.613	0.565	0.544	0.552	0.517	0.572	6.88
41)	P	Hexachlorocycl...		0.098	0.153	0.198	0.205	0.226	0.222	0.184	26.99
42)	S	2,4,6-Tribromo...	0.191	0.188	0.194	0.188	0.181	0.184	0.177	0.186	3.12
43)	C	2,4,6-Trichlor...	0.338	0.347	0.364	0.364	0.351	0.360	0.339	0.352	3.18
44)		2,4,5-Trichlor...	0.391	0.376	0.413	0.382	0.377	0.387	0.365	0.385	3.94
45)	S	2-Fluorobiphenyl	1.445	1.336	1.323	1.156	1.106	1.106	0.999	1.210	13.20
46)		1,1'-Biphenyl	1.582	1.505	1.519	1.399	1.335	1.349	1.247	1.420	8.43
47)		2-Chloronaphth...	1.222	1.165	1.172	1.105	1.056	1.068	1.008	1.114	6.77
48)		2-Nitroaniline	0.314	0.313	0.338	0.337	0.329	0.331	0.320	0.326	3.19
49)		Acenaphthylene	1.747	1.663	1.687	1.580	1.516	1.533	1.437	1.595	6.85
50)		Dimethylphthalate	1.293	1.219	1.252	1.201	1.159	1.175	1.133	1.205	4.58
51)		2,6-Dinitrotol...	0.224	0.237	0.259	0.259	0.260	0.257	0.251	0.250	5.63
52)	C	Acenaphthene	1.170	1.131	1.137	1.076	1.037	1.044	0.985	1.083	6.07
53)		3-Nitroaniline	0.260	0.257	0.280	0.278	0.273	0.271	0.269	0.270	3.21
54)	P	2,4-Dinitrophenol		0.072	0.099	0.120	0.132	0.137	0.129	0.115	21.92
55)		Dibenzofuran	1.717	1.625	1.647	1.523	1.461	1.453	1.381	1.544	7.91
56)	P	4-Nitrophenol		0.115	0.147	0.171	0.177	0.172	0.181	0.161	15.78
57)		2,4-Dinitrotol...	0.292	0.318	0.349	0.351	0.344	0.344	0.336	0.333	6.38
58)		Fluorene	1.367	1.286	1.270	1.158	1.111	1.102	1.025	1.188	10.25
59)		2,3,4,6-Tetrac...	0.261	0.264	0.299	0.297	0.294	0.297	0.288	0.286	5.59
60)		Diethylphthalate	1.172	1.097	1.110	1.084	1.053	1.036	1.008	1.080	5.01
61)		4-Chlorophenyl...	0.671	0.624	0.628	0.585	0.558	0.567	0.527	0.594	8.30
62)		4-Nitroaniline	0.230	0.237	0.258	0.257	0.255	0.248	0.250	0.248	4.28
63)		Azobenzene	1.221	1.154	1.177	1.122	1.080	1.067	1.018	1.120	6.26
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.085	0.103	0.119	0.120	0.124	0.126	0.113	13.97
66)	c	n-Nitrosodiphe...	0.684	0.661	0.679	0.641	0.615	0.636	0.590	0.644	5.29
67)		4-Bromophenyl-...	0.243	0.240	0.250	0.241	0.230	0.240	0.227	0.239	3.35
68)		Hexachlorobenzene	0.266	0.262	0.267	0.257	0.248	0.256	0.243	0.257	3.53
69)		Atrazine	0.154	0.156	0.164	0.168	0.171	0.174	0.176	0.166	5.09
70)	C	Pentachlorophenol		0.088	0.106	0.124	0.127	0.131	0.131	0.118	14.47
71)		Phenanthrene	1.188	1.123	1.130	1.039	1.015	1.033	0.969	1.071	7.23
72)		Anthracene	1.191	1.144	1.148	1.074	1.022	1.036	0.980	1.085	7.16
73)		Carbazole	0.949	0.925	0.932	0.882	0.849	0.861	0.825	0.889	5.30
74)		Di-n-butylphth...	0.782	0.800	0.830	0.850	0.833	0.857	0.855	0.829	3.47
75)	C	Fluoranthene	1.061	1.020	1.002	0.946	0.914	0.923	0.862	0.961	7.21
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.611	0.665	0.516	0.391	0.368	0.372	0.487	26.70
78)		Pyrene	1.891	1.768	1.793	1.635	1.590	1.512	1.327	1.645	11.63
79)	S	Terphenyl-d14	1.341	1.255	1.248	1.130	1.094	1.052	0.904	1.146	12.86
80)		Butylbenzylpht...	0.380	0.402	0.443	0.467	0.461	0.509	0.485	0.449	10.15
81)		Benzo(a)anthra...	1.302	1.274	1.300	1.318	1.266	1.316	1.237	1.288	2.30
82)		3,3'-Dichlorob...		0.353	0.386	0.373	0.354	0.377	0.370	0.369	3.60
83)		Chrysene	1.251	1.195	1.213	1.113	1.089	1.125	1.114	1.157	5.33
84)		Bis(2-ethylhex...	0.600	0.626	0.699	0.710	0.690	0.767	0.700	0.685	8.12
85)	c	Di-n-octyl pht...		1.129	1.289	1.298	1.251	1.413	1.228	1.268	7.36

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082025.M

86)	I	Perylene-d12	----------ISTD----------								
87)		Indeno(1,2,3-c...	1.425	1.433	1.565	1.449	1.427	1.466	1.295	1.437	5.51
88)		Benzo(b)fluora...	1.135	1.147	1.182	1.074	1.058	1.068	1.119	1.112	4.20
89)		Benzo(k)fluora...	1.157	1.014	1.056	1.081	1.034	1.104	1.005	1.064	5.10
90)	C	Benzo(a)pyrene	1.033	1.021	1.074	1.032	1.010	1.043	1.011	1.032	2.15
91)		Dibenzo(a,h)an...	1.139	1.164	1.260	1.162	1.142	1.168	1.023	1.151	6.04
92)		Benzo(g,h,i)pe...	1.128	1.129	1.242	1.156	1.145	1.172	1.039	1.145	5.30

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP0253
99.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07
3)		Pyridine		1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77
4)		n-Nitrosodimet...			0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13
5)	S	2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42
6)		Aniline		2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96
7)	S	Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16
8)		2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83
9)		Benzaldehyde			0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12
10)	C	Phenol		1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87
11)		bis(2-Chloroet...		1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78
12)		1,3-Dichlorobe...		1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07
13)	C	1,4-Dichlorobe...		1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12
14)		1,2-Dichlorobe...		1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35
15)		Benzyl Alcohol			1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83
16)		2,2'-oxybis(1-...		1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96
17)		2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41
18)		Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13
19)	P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)		3+4-Methylphenols			1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96
23)	S	Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65
24)		Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21
25)		Isophorone		0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70
26)	C	2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43
27)		2,4-Dimethylph...		0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46
28)		bis(2-Chloroet...		0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61
29)	C	2,4-Dichloroph...		0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71
30)		1,2,4-Trichlor...		0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61
31)		Naphthalene		1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06
32)		Benzoic acid			0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20
33)		4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19
34)	C	Hexachlorobuta...		0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05
35)		Caprolactam			0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67
36)	C	4-Chloro-3-met...		0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85
37)		2-Methylnaphth...		0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69
38)		1-Methylnaphth...		0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00
41)	P	Hexachlorocycl...		0.274	0.313	0.348	0.387	0.388	0.383	0.349	13.46
42)	S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39
43)	C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56
44)		2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52
45)	S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04
46)		1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37
47)		2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99
48)		2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85
49)		Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63
50)		Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12
51)		2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95
52)	C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93
53)		3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56
54)	P	2,4-Dinitrophenol		0.114	0.140	0.163	0.186	0.192	0.194	0.165	19.83
55)		Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40
56)	P	4-Nitrophenol		0.251	0.265	0.279	0.315	0.304	0.298	0.285	8.56
57)		2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61
58)		Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02
59)		2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01
60)		Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48
61)		4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91
62)		4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89
63)		Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.096	0.113	0.123	0.139	0.139	0.138	0.125	14.21
66)	c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99
67)		4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34
68)		Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06
69)		Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74
70)	C	Pentachlorophenol		0.135	0.154	0.157	0.177	0.171	0.172	0.161	9.76
71)		Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88
72)		Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37
73)		Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32
74)		Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86
75)	C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.642	0.642	0.967	0.664	0.608	0.573	0.683	20.94
78)		Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00
79)	S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15
80)		Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55
81)		Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21
82)		3,3'-Dichlorob...		0.482	0.507	0.488	0.521	0.506	0.480	0.497	3.31
83)		Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49
84)		Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73
85)	c	Di-n-octyl pht...		1.381	1.498	1.444	1.572	1.563	1.491	1.492	4.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)		Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)		Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90)	C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)		Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)		Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2903

Instrument ID: BNA_F Calibration Date/Time: 08/22/2025 10:29

Lab File ID: BF143563.D Init. Calib. Date(s): 08/20/2025 08/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:55 14:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.105		-3.5	
Benzaldehyde	1.145	0.999		-12.8	
Phenol-d6	1.414	1.366		-3.4	
Phenol	1.629	1.599		-1.8	20.0
bis(2-Chloroethyl)ether	1.217	1.157		-4.9	
2-Chlorophenol	1.265	1.220		-3.6	
2-Methylphenol	1.015	0.981		-3.3	
2,2-oxybis(1-Chloropropane)	1.947	1.762		-9.5	
Acetophenone	0.432	0.414		-4.2	
3+4-Methylphenols	1.212	1.227		1.2	
n-Nitroso-di-n-propylamine	0.864	0.857	0.050	-0.8	
Nitrobenzene-d5	0.343	0.333		-2.9	
Hexachloroethane	0.485	0.478		-1.4	
Nitrobenzene	0.353	0.349		-1.1	
Isophorone	0.628	0.612		-2.5	
2-Nitrophenol	0.173	0.169		-2.3	20.0
2,4-Dimethylphenol	0.269	0.253		-5.9	
bis(2-Chloroethoxy)methane	0.386	0.363		-6.0	
2,4-Dichlorophenol	0.288	0.278		-3.5	20.0
Naphthalene	0.960	0.899		-6.4	
4-Chloroaniline	0.341	0.325		-4.7	
Hexachlorobutadiene	0.193	0.186		-3.6	20.0
Caprolactam	0.069	0.078		13.0	
4-Chloro-3-methylphenol	0.288	0.292		1.4	20.0
2-Methylnaphthalene	0.641	0.610		-4.8	
Hexachlorocyclopentadiene	0.184	0.193	0.050	4.9	
2,4,6-Trichlorophenol	0.352	0.336		-4.5	20.0
2-Fluorobiphenyl	1.210	1.143		-5.5	
2,4,5-Trichlorophenol	0.385	0.355		-7.8	
1,1-Biphenyl	1.420	1.319		-7.1	
2-Chloronaphthalene	1.114	1.033		-7.3	
2-Nitroaniline	0.326	0.330		1.2	
Dimethylphthalate	1.205	1.196		-0.7	
Acenaphthylene	1.595	1.486		-6.8	
2,6-Dinitrotoluene	0.250	0.249		-0.4	
3-Nitroaniline	0.270	0.267		-1.1	
Acenaphthene	1.083	1.038		-4.2	20.0
2,4-Dinitrophenol	0.115	0.130	0.050	13.0	
4-Nitrophenol	0.161	0.193	0.050	19.9	

Form VII SV-1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2903

Instrument ID: BNA_F Calibration Date/Time: 08/22/2025 10:29

Lab File ID: BF143563.D Init. Calib. Date(s): 08/20/2025 08/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:55 14:20

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.544	1.440		-6.7	
2,4-Dinitrotoluene	0.333	0.338		1.5	
Diethylphthalate	1.080	1.129		4.5	
4-Chlorophenyl-phenylether	0.594	0.562		-5.4	
Fluorene	1.188	1.122		-5.6	
4-Nitroaniline	0.248	0.264		6.5	
4,6-Dinitro-2-methylphenol	0.113	0.102		-9.7	
n-Nitrosodiphenylamine	0.644	0.599		-7.0	20.0
2,4,6-Tribromophenol	0.186	0.178		-4.3	
4-Bromophenyl-phenylether	0.239	0.222		-7.1	
Hexachlorobenzene	0.257	0.239		-7.0	
Atrazine	0.166	0.199		19.9	
Pentachlorophenol	0.118	0.108		-8.5	20.0
Phenanthrene	1.071	0.996		-7.0	
Anthracene	1.085	1.022		-5.8	
Carbazole	0.889	0.865		-2.7	
Di-n-butylphthalate	0.829	0.965		16.4	
Fluoranthene	0.961	0.923		-4.0	20.0
Pyrene	1.645	1.624		-1.3	
Terphenyl-d14	1.146	1.162		1.4	
Butylbenzylphthalate	0.449	0.488		8.7	
3,3-Dichlorobenzidine	0.369	0.335		-9.2	
Benzo(a)anthracene	1.288	1.184		-8.1	
Chrysene	1.157	1.118		-3.4	
Bis(2-ethylhexyl)phthalate	0.685	0.617		-9.9	
Di-n-octyl phthalate	1.268	1.115		-12.1	20.0
Benzo(b)fluoranthene	1.112	1.078		-3.1	
Benzo(k)fluoranthene	1.064	1.024		-3.8	
Benzo(a)pyrene	1.032	1.000		-3.1	20.0
Indeno(1,2,3-cd)pyrene	1.437	1.391		-3.2	
Dibenzo(a,h)anthracene	1.151	1.121		-2.6	
Benzo(g,h,i)perylene	1.145	1.103		-3.7	
1,2,4,5-Tetrachlorobenzene	0.572	0.527		-7.9	
1,4-Dioxane	0.531	0.503		-5.3	20.0
2,3,4,6-Tetrachlorophenol	0.286	0.274		-4.2	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2903

Instrument ID: BNA_P Calibration Date/Time: 08/22/2025 10:49

Lab File ID: BP025544.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.201		-0.2	
Benzaldehyde	1.082	1.377		27.3	
Phenol-d6	1.544	1.586		2.7	
Phenol	1.620	1.656		2.2	20.0
bis(2-Chloroethyl)ether	1.263	1.266		0.2	
2-Chlorophenol	1.359	1.376		1.3	
2-Methylphenol	1.125	1.147		2.0	
2,2-oxybis(1-Chloropropane)	1.692	1.738		2.7	
Acetophenone	0.502	0.494		-1.6	
3+4-Methylphenols	1.560	1.584		1.5	
n-Nitroso-di-n-propylamine	1.023	1.030	0.050	0.7	
Nitrobenzene-d5	0.395	0.396		0.3	
Hexachloroethane	0.563	0.554		-1.6	
Nitrobenzene	0.353	0.357		1.1	
Isophorone	0.700	0.697		-0.4	
2-Nitrophenol	0.181	0.184		1.7	20.0
2,4-Dimethylphenol	0.312	0.307		-1.6	
bis(2-Chloroethoxy)methane	0.423	0.416		-1.7	
2,4-Dichlorophenol	0.310	0.307		-1.0	20.0
Naphthalene	1.040	1.006		-3.3	
4-Chloroaniline	0.459	0.460		0.2	
Hexachlorobutadiene	0.211	0.200		-5.2	20.0
Caprolactam	0.114	0.124		8.8	
4-Chloro-3-methylphenol	0.355	0.364		2.5	20.0
2-Methylnaphthalene	0.676	0.652		-3.5	
Hexachlorocyclopentadiene	0.349	0.397	0.050	13.8	
2,4,6-Trichlorophenol	0.390	0.387		-0.8	20.0
2-Fluorobiphenyl	1.463	1.364		-6.8	
2,4,5-Trichlorophenol	0.427	0.430		0.7	
1,1-Biphenyl	1.453	1.392		-4.2	
2-Chloronaphthalene	1.131	1.080		-4.5	
2-Nitroaniline	0.329	0.351		6.7	
Dimethylphthalate	1.465	1.455		-0.7	
Acenaphthylene	1.871	1.834		-2.0	
2,6-Dinitrotoluene	0.309	0.324		4.9	
3-Nitroaniline	0.347	0.370		6.6	
Acenaphthene	1.098	1.042		-5.1	20.0
2,4-Dinitrophenol	0.165	0.228	0.050	38.2	
4-Nitrophenol	0.285	0.311	0.050	9.1	

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2903

Instrument ID: BNA_P Calibration Date/Time: 08/22/2025 10:49

Lab File ID: BP025544.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.669		-3.9	
2,4-Dinitrotoluene	0.440	0.471		7.0	
Diethylphthalate	1.488	1.520		2.2	
4-Chlorophenyl-phenylether	0.681	0.653		-4.1	
Fluorene	1.370	1.350		-1.5	
4-Nitroaniline	0.356	0.382		7.3	
4,6-Dinitro-2-methylphenol	0.125	0.146		16.8	
n-Nitrosodiphenylamine	0.610	0.590		-3.3	20.0
2,4,6-Tribromophenol	0.269	0.273		1.5	
4-Bromophenyl-phenylether	0.220	0.209		-5.0	
Hexachlorobenzene	0.255	0.238		-6.7	
Atrazine	0.228	0.228		0.0	
Pentachlorophenol	0.161	0.169		5.0	20.0
Phenanthrene	1.099	1.058		-3.7	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.064		0.7	
Di-n-butylphthalate	1.300	1.314		1.1	
Fluoranthene	1.311	1.296		-1.1	20.0
Pyrene	1.300	1.255		-3.5	
Terphenyl-d14	1.093	1.041		-4.8	
Butylbenzylphthalate	0.589	0.607		3.1	
3,3-Dichlorobenzidine	0.497	0.497		0.0	
Benzo(a)anthracene	1.319	1.273		-3.5	
Chrysene	1.235	1.201		-2.8	
Bis(2-ethylhexyl)phthalate	0.867	0.866		-0.1	
Di-n-octyl phthalate	1.492	1.541		3.3	20.0
Benzo(b)fluoranthene	1.179	1.115		-5.4	
Benzo(k)fluoranthene	1.180	1.139		-3.5	
Benzo(a)pyrene	1.148	1.107		-3.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.402		-4.4	
Dibenzo(a,h)anthracene	1.199	1.138		-5.1	
Benzo(g,h,i)perylene	1.178	1.141		-3.1	
1,2,4,5-Tetrachlorobenzene	0.578	0.548		-5.2	
1,4-Dioxane	0.472	0.461		-2.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.381		1.1	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2903
COC Number 2045004

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: AECOM
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE: MA ZIP: 01824
ATTENTION: Peter S. Cox, P.G.
PHONE: 1-978 905-2100 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Equity
PROJECT NO.: 60673602 LOCATION: Brooklyn, NY
PROJECT MANAGER: Peter S. Cox
e-mail: Pete.Cox@aecom.com
PHONE: 1-978-764-4[illegible] FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#: TBD
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE: MA ZIP: 01824
ATTENTION: Peter S. Cox PHONE: 1-978 905-2100

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 10 Days DAYS*
EDD: 10 Days DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☑ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☑ NYS ASP A ☐ NYS ASP B
☑ Other EQUIS
☐ EDD FORMAT _____

ANALYSIS

1: 8270E - SVOCs (Attached to COC) 2 3 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (E)	2 (A)	3	4	5	6	7	8	9	COMMENTS
1.	MW-6A-081925	W		X	8/19/25	0820	3	X	X								
2.	MW-1C-081925	W		X	8/19/25	0929	3	X	X								
3.	MW-6B-081925	W		X	8/19/25	0955	3	X	X								
4.	MW-1B-081925	W		X	8/19/25	0955	3	X	X								
5.	MS-01-081925	W		X	8/19/25	1000	3	X	X								
6.	MSD-01-081925	W		X	8/19/25	1000	3	X	X								
7.	MW-2B-081925	W		X	8/19/25	1056	3	X	X								
8.	MW-10B-081925	W		X	8/19/25	1122	3	X	X								
9.	DUP-02-081925	W		X	8/19/25	1122	3	X	X								
10.	MW-17A-081925	W		X	8/19/25	1227	3	X	X								

Specify Preservatives: A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/19/25 1525	1. 8-19-25
2.	DATE/TIME:	2.
3.	DATE/TIME: 1725 8-19-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments:

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP
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www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2903
COC Number 2045001

7
7.1

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: AECOM
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE MA ZIP 01824
ATTENTION: Peter S. Cox, P.G.
PHONE: 1-978-905-2100 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Equity
PROJECT NO: 60133662 LOCATION: Brooklyn NY
PROJECT MANAGER: Peter S. Cox
e-mail: Pete.cox@AECOM.com
PHONE: 978-905-2100 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#: TBD
ADDRESS: 250 Apollo Dr
CITY Chelmsford STATE: MA ZIP 01824
ATTENTION: Peter S. Cox PHONE: 1-978-905-2100

DATA TURNAROUND INFORMATION

FAX (RUSH) 10 DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☑ Level 1 (Results Only)
- ☑ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☑ NYS ASP A ☐ NYS ASP B
- ☑ Other EQUIS
- ☐ EDD FORMAT

ANALYSIS

1: 8270E-SVOC 2: 8260D-VOC 3. 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW-16A-080925	W		X	8/19/25	1247	3	X	X								
2.	MW-16B-080925	W		X	8/19/25	1308	3	X	X								
3.	TB	W		X	8/19/25	0800	B2		X								
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

Specify Preservatives: A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/19/25 1525	1. 8-19-25
2.		2.
3.	8-19-25 1725	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.2 °C
Comments:

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2903 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/19/2025 3:36:00 PM
Project Name : National Grid Equity - Broc
Receive DateTime : 8/19/2025 5:25:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level 2~~ NYS ASP A
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2903-01	MW-6A-081925	Water	08/19/2025	08:28					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-02	MW-1C-081925	Water	08/19/2025	09:29					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-03	MW-6B-081925	Water	08/19/2025	09:55					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-04	MW-1B-081925	Water	08/19/2025	09:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-05	Q2903-03MS ~~MS-01-081925~~	Water	08/19/2025	10:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-06	Q2903-03MSD ~~MSD-01-081925~~	Water	08/19/2025	10:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-07	MW-12B-081925	Water	08/19/2025	10:58					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-08	MW-18B-081925	Water	08/19/2025	11:22					

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DP 08/25/2025

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2903 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/19/2025 3:36:00 PM
Project Name : National Grid Equity - Broc
Receive DateTime : 8/19/2025 5:25:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP A ~~Level 2~~
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-09	DUP-02-081925	Water	08/19/2025	11:22					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-10	MW-17A-081925	Water	08/19/2025	12:27					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-11	MW-18A-081925	Water	08/19/2025	12:47					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-12	MW-16B-081925	Water	08/19/2025	13:08					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2903-13	TB	Water	08/19/2025	08:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : JW
Date / Time : 8/20/25 0810

Received By : JC
Date / Time : 8/20/25 810

Received on 8/19/25 @ 1725
Placed in SM-REF-2

Storage Area : VOA Refridgerator Room