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

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 : Q2924

ATTENTION : Peter S

Laboratory Certification ID # 20012

Table Of Contents for Q2924

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Cover Page

Order ID : Q2924

Project ID : National Grid Equity - Brooklyn NY

Client : AECOM

Lab Sample Number	Client Sample Number
Q2924-01	MW-10C-082025
Q2924-02	MW-201-082025
Q2924-03	MW-201-082025MS
Q2924-04	MW-201-082025MSD
Q2924-05	MW-2B-082025
Q2924-06	MW-2A-082025
Q2924-07	MW-18C-082025
Q2924-08	MW-16A-082025
Q2924-09	MW-16C-082025
Q2924-10	MW-8A-082025
Q2924-11	FB-01-082025
Q2924-12	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: 8/30/2025

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 # Q2924
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
12 Water samples were received on 08/20/2025.

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

The MS {Q2924-03MS} with File ID: VV039005.D recoveries met the requirements for all compounds except for 1,1,2,2-Tetrachloroethane[58%], 1,2-Dibromoethane[80%], 1,2-Dichloroethane[360%], 1,2-Dichloropropane[82%], 2-Hexanone[64%], Benzene[-200%], cis-1,2-Dichloroethene[40%], Ethyl Benzene[0%], Isopropylbenzene[70%], m/p-Xylenes[-100%], o-Xylene[-600%], Styrene[-200%], Toluene[-200%] and trans-1,2-Dichloroethene[20%] due to matrix interference.

The MSD {Q2924-04MSD} with File ID: VV039006.D recoveries met the requirements for all compounds except for 1,2-Dichloroethane[360%], 2-Hexanone[68%], Benzene[-200%], cis-1,2-Dichloroethene[60%], Ethyl Benzene[0%], m/p-Xylenes[-100%], o-Xylene[0%], Styrene[0%] and Toluene[-400%] due to matrix interference.

The RPD for {Q2924-04MSD} with File ID: VV039006.D met criteria except for 1,1,2,2-Tetrachloroethane[50%], 1,2-Dibromo-3-Chloropropane[29%], Acetone[21%], Ethyl Benzene[200%], o-Xylene[200%], Styrene[200%], Bromoform[32%], Bromomethane[22%], Chloromethane[41%], cis-1,2-Dichloroethene[40%], Isopropylbenzene[42%], Methyl Acetate[26%], Methylene Chloride[21%],

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Toluene[67%], trans-1,2-Dichloroethene[120%] and Vinyl chloride[37%] due to difference in results of MS and MSD.

The Blank Spike for {VV0822WBS01} with File ID: VV039011.D met requirements for all compounds except for Bromochloromethane[126%], Methyl Acetate[135%], Methyl tert-butyl Ether[118%] are failing high but no positive hit in associate sample while trans-1,2-Dichloroethene[109%] failing high and associate sample having hit of trans-1,2-Dichloroethene but below CRQL therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.
The %RSD is greater than 20% in the Initial Calibration method (82V082125W.M) for Bromochloromethane, 2-Hexanone these compounds are passing on Quadratic regression.

The Continuous Calibration File ID VV038982.D met the requirements except for Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken while Styrene is failing marginally high therefore no corrective action taken.

The Continuous Calibration File ID VV039009.D met the requirements except for Bromomethane and Chloromethane are failing low, while 2-Butanone, Acetone, Methyl Acetate and Methyl tert-butyl Ether failing high but only dilution sample analyzed under this CCAL and dilution not required for mentioned analyte therefore no corrective action taken.

The Tuning criteria met requirements.

Samples MW-201-082025, MW-201-082025DL, MW-2B-082025 and MW-2B-082025DL were diluted due to high concentrations.

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.

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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 # Q2924
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
11 Water samples were received on 08/20/2025.

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 except for MW-201-082025 [Nitrobenzene-d5 - 171%], MW-201-082025DL2 [Phenol-d6 - 9%], MW-201-082025MS [Nitrobenzene-d5 - 148%] and MW-201-082025MSD [Nitrobenzene-d5 - 149%]. As per SOP one Acid and one Base surrogates are allowed to fail, Therefor no further corrective action was taken.

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

The MS {Q2924-03MS} with File ID: BP025602.D recoveries met the requirements for all compounds except for 2,2-oxybis(1-Chloropropane)[33%], 2,4-Dichlorophenol[157%], 2,4-Dimethylphenol[147%], 2-Methylnaphthalene[-233%], 2-Nitrophenol[168%], 4-Chloro-3-methylphenol[149%], Acetophenone[170%], Hexachlorobutadiene[139%], Hexachloroethane[181%], Isophorone[159%], Naphthalene[-777%] and Nitrobenzene[167%]. Recovery failed due to matrix interference, Therefor no further corrective action was taken.

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The MSD {Q2924-04MSD} with File ID: BP025603.D recoveries met the requirements for all compounds except for 2,2-oxybis(1-Chloropropane)[35%], 2,4-Dichlorophenol[162%], 2,4-Dimethylphenol[149%], 2-Methylnaphthalene[-133%], 2-Nitrophenol[172%], 4-Chloro-3-methylphenol[151%], Acetophenone[172%], Hexachlorobutadiene[142%], Hexachloroethane[184%], Isophorone[162%], Naphthalene[-190%] and Nitrobenzene[169%]. Recovery failed due to matrix interference, Therefor no further corrective action was taken.

The RPD for {Q2924-04MSD} with File ID: BP025603.D met criteria except for 2-Methylnaphthalene[55%], Naphthalene[121%]. RPD failed due to result difference between MS and MSD results; Therefor no further corrective action was taken.
The Blank Spike met requirements for all compounds.

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

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 %RSD is greater than 20% for certain compounds in the Initial Calibration (Method 8270-BF082625.M) 2-Nitroaniline, 2,6-Dinitrotoluene, 3-Nitroaniline, 4-Nitrophenol, 2,4-Dinitrotoluene,4-Nitroaniline, Butylbenzylphthalate, Bis(2-ethylhexyl)phthalate Kept on Linear Regression and Compounds 2-Nitrophenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Di-n-octyl phthalate Kept on Quadratic Regression.

The Continuous Calibration File ID BF143596.D met the requirements except for 2-Nitrophenol. Failed high but associated samples does not have hit for this compounds, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025544.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Failed high but associated samples does not have hit for this compounds, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025561.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Failed high but associated samples does not have hit for this compounds, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025579.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Failed high but associated samples does not have hit for this compounds, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025596.D met the requirements except for 2!4-Dinitrophenol and Benzaldehyde. Failed high but associated samples does not have hit for this compounds, therefor no further corrective action was taken.

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The Tuning criteria met requirements.

Samples MW-201-082025, MW-201-082025DL, MW-2B-082025 and MW-2B-082025DL were diluted due to high concentrations.

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 #: Q2924

	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:** 08/30/2025

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LAB CHRONICLE

OrderID:	Q2924	**OrderDate:**	8/20/2025 3:43:00 PM
Client:	AECOM	**Project:**	National Grid Equity - Brooklyn NY
Contact:	Peter S	**Location:**	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2924-01	**MW-10C-082025**	**Water**			**08/20/25**			**08/20/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2924-02	**MW-201-082025**	**Water**			**08/20/25**			**08/20/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2924-02DL	**MW-201-082025DL**	**Water**			**08/20/25**			**08/20/25**
			VOC-TCLVOA-10	8260D			08/22/25	
Q2924-02DL2	**MW-201-082025DL2**	**Water**			**08/20/25**			**08/20/25**
			VOC-TCLVOA-10	8260D			08/22/25	
Q2924-05	**MW-2B-082025**	**Water**			**08/20/25**			**08/20/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2924-05DL	**MW-2B-082025DL**	**Water**			**08/20/25**			**08/20/25**
			VOC-TCLVOA-10	8260D			08/22/25	
Q2924-05DL2	**MW-2B-082025DL2**	**Water**			**08/20/25**			**08/20/25**
			VOC-TCLVOA-10	8260D			08/22/25	
Q2924-06	**MW-2A-082025**	**Water**			**08/20/25**			**08/20/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2924-07	**MW-18C-082025**	**Water**			**08/20/25**			**08/20/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2924-08	**MW-16A-082025**	**Water**			**08/20/25**			**08/20/25**
			VOC-TCLVOA-10	8260D			08/21/25	
Q2924-09	**MW-16C-082025**	**Water**			**08/20/25**			**08/20/25**
			VOC-TCLVOA-10	8260D			08/21/25	

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LAB CHRONICLE

Q2924-10	**MW-8A-082025**	**Water**		**08/20/25**		**08/20/25**
			VOC-TCLVOA-10	8260D	08/21/25	
Q2924-11	**FB-01-082025**	**Water**		**08/20/25**		**08/20/25**
			VOC-TCLVOA-10	8260D	08/21/25	
Q2924-12	**TB**	**Water**		**08/15/25**		**08/20/25**
			VOC-TCLVOA-10	8260D	08/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW-10C-082025**								
Q2924-01	MW-10C-082025	Water	Vinyl Chloride		2.60	J	0.26	5.00	ug/L
Q2924-01	MW-10C-082025	Water	cis-1,2-Dichloroethene		6.70		0.19	5.00	ug/L
Q2924-01	MW-10C-082025	Water	Trichloroethene		5.40		0.090	5.00	ug/L
Q2924-01	MW-10C-082025	Water	Tetrachloroethene		29.9		0.23	5.00	ug/L
			Total Voc :		44.6				
			Total Concentration:		44.6				
Client ID:	**MW-201-082025**								
Q2924-02	MW-201-082025	Water	Methyl tert-butyl Ether		0.92	J	0.16	5.00	ug/L
Q2924-02	MW-201-082025	Water	trans-1,2-Dichloroethene		210	E	0.23	5.00	ug/L
Q2924-02	MW-201-082025	Water	cis-1,2-Dichloroethene		150	E	0.19	5.00	ug/L
Q2924-02	MW-201-082025	Water	Benzene		1700	E	0.15	5.00	ug/L
Q2924-02	MW-201-082025	Water	Trichloroethene		26.9		0.090	5.00	ug/L
Q2924-02	MW-201-082025	Water	Toluene		3400	E	0.14	5.00	ug/L
Q2924-02	MW-201-082025	Water	Ethyl Benzene		650	E	0.13	5.00	ug/L
Q2924-02	MW-201-082025	Water	m/p-Xylenes		2400	E	0.24	10.0	ug/L
Q2924-02	MW-201-082025	Water	o-Xylene		2500	E	0.12	5.00	ug/L
Q2924-02	MW-201-082025	Water	Styrene		1900	E	0.15	5.00	ug/L
Q2924-02	MW-201-082025	Water	Isopropylbenzene		8.40		0.12	5.00	ug/L
			Total Voc :		12900				
Q2924-02	MW-201-082025	Water	Indene	*	4200	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	Benzene, 1-ethenyl-3-methyl-	*	340	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	Benzo[c]thiophene	*	280	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	Benzene, 1,2,3-trimethyl-	*	230	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	Benzene, 1-ethenyl-4-methyl-	*	960	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	2-Methylindene	*	620	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	Benzene, (1-methyl-2-cyclopro	*	750	J	0	0	ug/L
Q2924-02	MW-201-082025	Water	n-propylbenzene	*	30.4	J	0.13	5.00	ug/L
Q2924-02	MW-201-082025	Water	1,3,5-Trimethylbenzene	*	190	J	0.15	5.00	ug/L
Q2924-02	MW-201-082025	Water	1,2,4-Trimethylbenzene	*	660	J	0.14	5.00	ug/L
			Total Tics :		8260				
			Total Concentration:		21200				
Client ID:	**MW-201-082025DL**								
Q2924-02DL	MW-201-082025DI	Water	trans-1,2-Dichloroethene		200	JDQ	23.0	500	ug/L
Q2924-02DL	MW-201-082025DI	Water	cis-1,2-Dichloroethene		130	JD	19.0	500	ug/L
Q2924-02DL	MW-201-082025DI	Water	Benzene		5200	D	15.0	500	ug/L
Q2924-02DL	MW-201-082025DI	Water	Toluene		19900	ED	14.0	500	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2924-02DL	MW-201-082025DI	Water	Ethyl Benzene		570	D	13.0	500	ug/L
Q2924-02DL	MW-201-082025DI	Water	m/p-Xylenes		3300	D	24.0	1000	ug/L
Q2924-02DL	MW-201-082025DI	Water	o-Xylene		2000	D	12.0	500	ug/L
Q2924-02DL	MW-201-082025DI	Water	Styrene		5100	D	15.0	500	ug/L
			Total Voc :		36400				
			Total Concentration:		36400				
Client ID:	**MW-201-082025DL2**								
Q2924-02DL2	MW-201-082025DI	Water	Benzene		3700	D	60.0	2000	ug/L
Q2924-02DL2	MW-201-082025DI	Water	Toluene		14000	D	56.0	2000	ug/L
Q2924-02DL2	MW-201-082025DI	Water	Ethyl Benzene		410	JD	52.0	2000	ug/L
Q2924-02DL2	MW-201-082025DI	Water	m/p-Xylenes		2200	JD	96.0	4000	ug/L
Q2924-02DL2	MW-201-082025DI	Water	o-Xylene		1300	JD	48.0	2000	ug/L
Q2924-02DL2	MW-201-082025DI	Water	Styrene		3200	D	60.0	2000	ug/L
			Total Voc :		24800				
			Total Concentration:		24800				
Client ID:	**MW-2B-082025**								
Q2924-05	MW-2B-082025	Water	Acetone		2.40	J	1.50	25.0	ug/L
Q2924-05	MW-2B-082025	Water	Methyl tert-butyl Ether		9.60		0.16	5.00	ug/L
Q2924-05	MW-2B-082025	Water	trans-1,2-Dichloroethene		30.5		0.23	5.00	ug/L
Q2924-05	MW-2B-082025	Water	cis-1,2-Dichloroethene		58.4		0.19	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Methylcyclohexane		1.30	J	0.16	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Benzene		1600	E	0.15	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Trichloroethene		1.90	J	0.090	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Toluene		13.6		0.14	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Ethyl Benzene		610	E	0.13	5.00	ug/L
Q2924-05	MW-2B-082025	Water	m/p-Xylenes		55.8		0.24	10.0	ug/L
Q2924-05	MW-2B-082025	Water	o-Xylene		50.4		0.12	5.00	ug/L
Q2924-05	MW-2B-082025	Water	Isopropylbenzene		78.7		0.12	5.00	ug/L
			Total Voc :		2510				
Q2924-05	MW-2B-082025	Water	Indene	*	93.1	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	Indane	*	2600	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	Benzene, 1,2,3-trimethyl-	*	130	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	Benzene, 2-ethenyl-1,4-dimeth	*	150	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	2-Methylindene	*	74.7	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	Benzene, 1-ethenyl-4-ethyl-	*	180	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	Benzene, (1-methyl-2-cyclopro	*	220	J	0	0	ug/L
Q2924-05	MW-2B-082025	Water	n-propylbenzene	*	22.1	J	0.13	5.00	ug/L

Alliance TECHNICAL GROUP
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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2924-05	MW-2B-082025	Water	1,3,5-Trimethylbenzene	*	19.7	J	0.15	5.00	ug/L
Q2924-05	MW-2B-082025	Water	1,2,4-Trimethylbenzene	*	57.4	J	0.14	5.00	ug/L
			Total Tics :		3550				
			Total Concentration:		6060				
Client ID:	**MW-2B-082025DL**								
Q2924-05DL	MW-2B-082025DL	Water	trans-1,2-Dichloroethene		30.5	JDQ	4.60	100	ug/L
Q2924-05DL	MW-2B-082025DL	Water	cis-1,2-Dichloroethene		47.2	JD	3.80	100	ug/L
Q2924-05DL	MW-2B-082025DL	Water	Benzene		5100	ED	3.00	100	ug/L
Q2924-05DL	MW-2B-082025DL	Water	Ethyl Benzene		680	D	2.60	100	ug/L
Q2924-05DL	MW-2B-082025DL	Water	m/p-Xylenes		49.5	JD	4.80	200	ug/L
Q2924-05DL	MW-2B-082025DL	Water	o-Xylene		42.5	JD	2.40	100	ug/L
Q2924-05DL	MW-2B-082025DL	Water	Isopropylbenzene		66.0	JD	2.40	100	ug/L
			Total Voc :		6020				
			Total Concentration:		6020				
Client ID:	**MW-2B-082025DL2**								
Q2924-05DL2	MW-2B-082025DL	Water	cis-1,2-Dichloroethene		59.4	JD	19.0	500	ug/L
Q2924-05DL2	MW-2B-082025DL	Water	Benzene		4900	D	15.0	500	ug/L
Q2924-05DL2	MW-2B-082025DL	Water	Ethyl Benzene		570	D	13.0	500	ug/L
			Total Voc :		5530				
			Total Concentration:		5530				
Client ID:	**MW-2A-082025**								
Q2924-06	MW-2A-082025	Water	Acetone		190		1.50	25.0	ug/L
Q2924-06	MW-2A-082025	Water	Chloroform		2.10	J	0.25	5.00	ug/L
Q2924-06	MW-2A-082025	Water	Benzene		30.7		0.15	5.00	ug/L
Q2924-06	MW-2A-082025	Water	Trichloroethene		0.48	J	0.090	5.00	ug/L
Q2924-06	MW-2A-082025	Water	Tetrachloroethene		5.40		0.23	5.00	ug/L
Q2924-06	MW-2A-082025	Water	Ethyl Benzene		0.46	J	0.13	5.00	ug/L
Q2924-06	MW-2A-082025	Water	Isopropylbenzene		0.26	J	0.12	5.00	ug/L
			Total Voc :		229				
Q2924-06	MW-2A-082025	Water	Ethanol	*	61.3	J	0	0	ug/L
Q2924-06	MW-2A-082025	Water	Sulfur dioxide	*	150	J	0	0	ug/L
Q2924-06	MW-2A-082025	Water	Isopropyl Alcohol	*	14.4	J	0	0	ug/L
			Total Tics :		226				
			Total Concentration:		455				
Client ID:	**MW-18C-082025**								
Q2924-07	MW-18C-082025	Water	Vinyl Chloride		37.3		0.26	5.00	ug/L
Q2924-07	MW-18C-082025	Water	Acetone		1.70	J	1.50	25.0	ug/L
Q2924-07	MW-18C-082025	Water	Methyl tert-butyl Ether		5.30		0.16	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2924-07	MW-18C-082025	Water	trans-1,2-Dichloroethene		5.90		0.23	5.00	ug/L
Q2924-07	MW-18C-082025	Water	cis-1,2-Dichloroethene		6.20		0.19	5.00	ug/L
Q2924-07	MW-18C-082025	Water	Benzene		0.65	J	0.15	5.00	ug/L
Q2924-07	MW-18C-082025	Water	Trichloroethene		2.20	J	0.090	5.00	ug/L
Q2924-07	MW-18C-082025	Water	Toluene		4.30	J	0.14	5.00	ug/L
Q2924-07	MW-18C-082025	Water	Tetrachloroethene		2.10	J	0.23	5.00	ug/L
			Total Voc :		65.7				
Q2924-07	MW-18C-082025	Water	Sulfur dioxide	*	38.7	J	0	0	ug/L
			Total Tics :		38.7				
			Total Concentration:		104				
Client ID:	**MW-16A-082025**								
Q2924-08	MW-16A-082025	Water	Sulfur dioxide	*	100	J	0	0	ug/L
			Total Tics :		100				
			Total Concentration:		100				
Client ID:	**MW-16C-082025**								
Q2924-09	MW-16C-082025	Water	Vinyl Chloride		53.8		0.26	5.00	ug/L
Q2924-09	MW-16C-082025	Water	1,1-Dichloroethene		0.65	J	0.23	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Methyl tert-butyl Ether		17.7		0.16	5.00	ug/L
Q2924-09	MW-16C-082025	Water	trans-1,2-Dichloroethene		85.5		0.23	5.00	ug/L
Q2924-09	MW-16C-082025	Water	cis-1,2-Dichloroethene		32.7		0.19	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Benzene		5.50		0.15	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Trichloroethene		14.7		0.090	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Tetrachloroethene		1.30	J	0.23	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Ethyl Benzene		0.61	J	0.13	5.00	ug/L
Q2924-09	MW-16C-082025	Water	Isopropylbenzene		0.54	J	0.12	5.00	ug/L
			Total Voc :		213				
Q2924-09	MW-16C-082025	Water	2-Methylindene	*	7.10	J	0	0	ug/L
Q2924-09	MW-16C-082025	Water	Sulfur dioxide	*	10.9	J	0	0	ug/L
Q2924-09	MW-16C-082025	Water	Benzene, 1-ethenyl-3-ethyl-	*	46.6	J	0	0	ug/L
			Total Tics :		64.6				
			Total Concentration:		278				
Client ID:	**MW-8A-082025**								
Q2924-10	MW-8A-082025	Water	Acetone		2.80	J	1.50	25.0	ug/L
Q2924-10	MW-8A-082025	Water	Trichloroethene		0.49	J	0.090	5.00	ug/L
			Total Voc :		3.29				
Q2924-10	MW-8A-082025	Water	Sulfur dioxide	*	20.8	J	0	0	ug/L
			Total Tics :		20.8				
			Total Concentration:		24.1				
Client ID:	**FB-01-082025**								

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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2924-11	FB-01-082025	Water	Acetone	14.1	J	1.50	25.0	ug/L
			Total Voc :	14.1				
			Total Concentration:	14.1				

SAMPLE DATA

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-10C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-01	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
VV038997.D	1	08/21/25 21:28	VV082125

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	2.60	J	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	6.70		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	5.40		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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-10C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-01	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
VV038997.D	1	08/21/25 21:28	VV082125

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	29.9		0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.8		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	45.0		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.7		77 - 121	83%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	585000	4.6			
540-36-3	1,4-Difluorobenzene	1060000	5.532			
3114-55-4	Chlorobenzene-d5	975000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	355000	11.175			

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-10C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-01	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
VV038997.D	1	08/21/25 21:28	VV082125

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	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
VV039004.D	1	08/21/25 23:59	VV082125

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	0.92	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	210	E	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	150	E	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	1700	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	26.9		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	3400	E	0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	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
VV039004.D	1	08/21/25 23:59	VV082125

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	650	E	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	2400	E	0.24	10.0	ug/L
95-47-6	o-Xylene	2500	E	0.12	5.00	ug/L
100-42-5	Styrene	1900	E	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	8.40		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	57.7		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	44.5		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	44.9		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	456000	4.606			
540-36-3	1,4-Difluorobenzene	817000	5.535			
3114-55-4	Chlorobenzene-d5	704000	8.779			
3855-82-1	1,4-Dichlorobenzene-d4	443000	11.178			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	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
VV039004.D	1	08/21/25 23:59	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	30.4	J		10.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	190	J		10.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	660	J		10.8	ug/L
000622-97-9	Benzene, 1-ethenyl-4-methyl-	960	J		10.9	ug/L
000100-80-1	Benzene, 1-ethenyl-3-methyl-	340	J		11.0	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	230	J		11.3	ug/L
000095-13-6	Indene	4200	J		11.7	ug/L
002177-47-1	2-Methylindene	620	J		12.9	ug/L
065051-83-4	Benzene, (1-methyl-2-cyclopropen-1	750	J		13.0	ug/L
000270-82-6	Benzo[c]thiophene	280	J		13.6	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039015.D	100	08/22/25 14:10	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	500	UD	22.0	500	ug/L
74-87-3	Chloromethane	500	UD	32.0	500	ug/L
75-01-4	Vinyl Chloride	500	UD	26.0	500	ug/L
74-83-9	Bromomethane	500	UD	140	500	ug/L
75-00-3	Chloroethane	500	UD	47.0	500	ug/L
75-69-4	Trichlorofluoromethane	500	UD	33.0	500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	500	UD	25.0	500	ug/L
75-35-4	1,1-Dichloroethene	500	UD	23.0	500	ug/L
67-64-1	Acetone	2500	UD	150	2500	ug/L
75-15-0	Carbon Disulfide	500	UD	21.0	500	ug/L
1634-04-4	Methyl tert-butyl Ether	500	UD	16.0	500	ug/L
79-20-9	Methyl Acetate	500	UD	27.0	500	ug/L
75-09-2	Methylene Chloride	500	UD	28.0	500	ug/L
156-60-5	trans-1,2-Dichloroethene	200	JDQ	23.0	500	ug/L
75-34-3	1,1-Dichloroethane	500	UD	23.0	500	ug/L
110-82-7	Cyclohexane	500	UD	150	500	ug/L
78-93-3	2-Butanone	2500	UD	98.0	2500	ug/L
56-23-5	Carbon Tetrachloride	500	UD	25.0	500	ug/L
156-59-2	cis-1,2-Dichloroethene	130	JD	19.0	500	ug/L
74-97-5	Bromochloromethane	500	UD	22.0	500	ug/L
67-66-3	Chloroform	500	UD	25.0	500	ug/L
71-55-6	1,1,1-Trichloroethane	500	UD	20.0	500	ug/L
108-87-2	Methylcyclohexane	500	UD	16.0	500	ug/L
71-43-2	Benzene	5200	D	15.0	500	ug/L
107-06-2	1,2-Dichloroethane	500	UD	22.0	500	ug/L
79-01-6	Trichloroethene	500	UD	9.30	500	ug/L
78-87-5	1,2-Dichloropropane	500	UD	20.0	500	ug/L
75-27-4	Bromodichloromethane	500	UD	22.0	500	ug/L
108-10-1	4-Methyl-2-Pentanone	2500	UD	68.0	2500	ug/L
108-88-3	Toluene	19900	ED	14.0	500	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039015.D	100	08/22/25 14:10	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	500	UD	17.0	500	ug/L
10061-01-5	cis-1,3-Dichloropropene	500	UD	16.0	500	ug/L
79-00-5	1,1,2-Trichloroethane	500	UD	21.0	500	ug/L
591-78-6	2-Hexanone	2500	UD	89.0	2500	ug/L
124-48-1	Dibromochloromethane	500	UD	18.0	500	ug/L
106-93-4	1,2-Dibromoethane	500	UD	15.0	500	ug/L
127-18-4	Tetrachloroethene	500	UD	23.0	500	ug/L
108-90-7	Chlorobenzene	500	UD	12.0	500	ug/L
100-41-4	Ethyl Benzene	570	D	13.0	500	ug/L
179601-23-1	m/p-Xylenes	3300	D	24.0	1000	ug/L
95-47-6	o-Xylene	2000	D	12.0	500	ug/L
100-42-5	Styrene	5100	D	15.0	500	ug/L
75-25-2	Bromoform	500	UD	19.0	500	ug/L
98-82-8	Isopropylbenzene	500	UD	12.0	500	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	500	UD	26.0	500	ug/L
541-73-1	1,3-Dichlorobenzene	500	UD	16.0	500	ug/L
106-46-7	1,4-Dichlorobenzene	500	UD	19.0	500	ug/L
95-50-1	1,2-Dichlorobenzene	500	UD	16.0	500	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	500	UD	53.0	500	ug/L
120-82-1	1,2,4-Trichlorobenzene	500	UD	20.0	500	ug/L
87-61-6	1,2,3-Trichlorobenzene	500	UD	20.0	500	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.8		74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	44.9		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	45.7		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.9		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	582000	4.6			
540-36-3	1,4-Difluorobenzene	1170000	5.532			
3114-55-4	Chlorobenzene-d5	1040000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	510000	11.172			

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039015.D	100	08/22/25 14:10	VV082225

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL2	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039018.D	400	08/22/25 15:27	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2000	UD	88.0	2000	ug/L
74-87-3	Chloromethane	2000	UD	130	2000	ug/L
75-01-4	Vinyl Chloride	2000	UD	100	2000	ug/L
74-83-9	Bromomethane	2000	UD	580	2000	ug/L
75-00-3	Chloroethane	2000	UD	190	2000	ug/L
75-69-4	Trichlorofluoromethane	2000	UD	130	2000	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2000	UD	100	2000	ug/L
75-35-4	1,1-Dichloroethene	2000	UD	92.0	2000	ug/L
67-64-1	Acetone	10000	UD	600	10000	ug/L
75-15-0	Carbon Disulfide	2000	UD	84.0	2000	ug/L
1634-04-4	Methyl tert-butyl Ether	2000	UDQ	64.0	2000	ug/L
79-20-9	Methyl Acetate	2000	UDQ	110	2000	ug/L
75-09-2	Methylene Chloride	2000	UD	110	2000	ug/L
156-60-5	trans-1,2-Dichloroethene	2000	UDQ	92.0	2000	ug/L
75-34-3	1,1-Dichloroethane	2000	UD	92.0	2000	ug/L
110-82-7	Cyclohexane	2000	UD	580	2000	ug/L
78-93-3	2-Butanone	10000	UD	390	10000	ug/L
56-23-5	Carbon Tetrachloride	2000	UD	100	2000	ug/L
156-59-2	cis-1,2-Dichloroethene	2000	UD	76.0	2000	ug/L
74-97-5	Bromochloromethane	2000	UDQ	88.0	2000	ug/L
67-66-3	Chloroform	2000	UD	100	2000	ug/L
71-55-6	1,1,1-Trichloroethane	2000	UD	80.0	2000	ug/L
108-87-2	Methylcyclohexane	2000	UD	64.0	2000	ug/L
71-43-2	Benzene	3700	D	60.0	2000	ug/L
107-06-2	1,2-Dichloroethane	2000	UD	88.0	2000	ug/L
79-01-6	Trichloroethene	2000	UD	37.2	2000	ug/L
78-87-5	1,2-Dichloropropane	2000	UD	80.0	2000	ug/L
75-27-4	Bromodichloromethane	2000	UD	88.0	2000	ug/L
108-10-1	4-Methyl-2-Pentanone	10000	UD	270	10000	ug/L
108-88-3	Toluene	14000	D	56.0	2000	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL2	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039018.D	400	08/22/25 15:27	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	2000	UD	68.0	2000	ug/L
10061-01-5	cis-1,3-Dichloropropene	2000	UD	64.0	2000	ug/L
79-00-5	1,1,2-Trichloroethane	2000	UD	84.0	2000	ug/L
591-78-6	2-Hexanone	10000	UD	360	10000	ug/L
124-48-1	Dibromochloromethane	2000	UD	72.0	2000	ug/L
106-93-4	1,2-Dibromoethane	2000	UD	60.0	2000	ug/L
127-18-4	Tetrachloroethene	2000	UD	92.0	2000	ug/L
108-90-7	Chlorobenzene	2000	UD	48.0	2000	ug/L
100-41-4	Ethyl Benzene	410	JD	52.0	2000	ug/L
179601-23-1	m/p-Xylenes	2200	JD	96.0	4000	ug/L
95-47-6	o-Xylene	1300	JD	48.0	2000	ug/L
100-42-5	Styrene	3200	D	60.0	2000	ug/L
75-25-2	Bromoform	2000	UD	76.0	2000	ug/L
98-82-8	Isopropylbenzene	2000	UD	48.0	2000	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2000	UD	100	2000	ug/L
541-73-1	1,3-Dichlorobenzene	2000	UD	64.0	2000	ug/L
106-46-7	1,4-Dichlorobenzene	2000	UD	76.0	2000	ug/L
95-50-1	1,2-Dichlorobenzene	2000	UD	64.0	2000	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2000	UD	210	2000	ug/L
120-82-1	1,2,4-Trichlorobenzene	2000	UD	80.0	2000	ug/L
87-61-6	1,2,3-Trichlorobenzene	2000	UD	80.0	2000	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	44.3		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	44.2		86 - 113	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	766000	4.6			
540-36-3	1,4-Difluorobenzene	1440000	5.532			
3114-55-4	Chlorobenzene-d5	1310000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	617000	11.172			

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL2	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV039018.D	400	08/22/25 15:27	VV082225

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
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038998.D	1	08/21/25 21:49	VV082125

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	5.00	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	9.60		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	30.5		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	58.4		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	1.30	J	0.16	5.00	ug/L
71-43-2	Benzene	1600	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	1.90	J	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	13.6		0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038998.D	1	08/21/25 21:49	VV082125

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	610	E	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	55.8		0.24	10.0	ug/L
95-47-6	o-Xylene	50.4		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	78.7		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	57.5		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	44.9		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	43.4		86 - 113	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.0		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	444000	4.603			
540-36-3	1,4-Difluorobenzene	846000	5.532			
3114-55-4	Chlorobenzene-d5	758000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	412000	11.175			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038998.D	1	08/21/25 21:49	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
103-65-1	n-propylbenzene	22.1	J		10.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	19.7	J		10.5	ug/L
95-63-6	1,2,4-Trimethylbenzene	57.4	J		10.8	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	130	J		11.3	ug/L
000496-11-7	Indane	2600	J		11.5	ug/L
000095-13-6	Indene	93.1	J		11.7	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	150	J		12.6	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	180	J		12.8	ug/L
002177-47-1	2-Methylindene	74.7	J		12.9	ug/L
065051-83-4	Benzene, (1-methyl-2-cyclopropen-1	220	J		13.0	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL	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
VV039014.D	20	08/22/25 13:48	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	100	UD	4.40	100	ug/L
74-87-3	Chloromethane	100	UD	6.40	100	ug/L
75-01-4	Vinyl Chloride	100	UD	5.20	100	ug/L
74-83-9	Bromomethane	100	UD	28.8	100	ug/L
75-00-3	Chloroethane	100	UD	9.40	100	ug/L
75-69-4	Trichlorofluoromethane	100	UD	6.60	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	100	UD	5.00	100	ug/L
75-35-4	1,1-Dichloroethene	100	UD	4.60	100	ug/L
67-64-1	Acetone	500	UD	30.2	500	ug/L
75-15-0	Carbon Disulfide	100	UD	4.20	100	ug/L
1634-04-4	Methyl tert-butyl Ether	100	UDQ	3.20	100	ug/L
79-20-9	Methyl Acetate	100	UDQ	5.40	100	ug/L
75-09-2	Methylene Chloride	100	UD	5.60	100	ug/L
156-60-5	trans-1,2-Dichloroethene	30.5	JDQ	4.60	100	ug/L
75-34-3	1,1-Dichloroethane	100	UD	4.60	100	ug/L
110-82-7	Cyclohexane	100	UD	29.0	100	ug/L
78-93-3	2-Butanone	500	UD	19.6	500	ug/L
56-23-5	Carbon Tetrachloride	100	UD	5.00	100	ug/L
156-59-2	cis-1,2-Dichloroethene	47.2	JD	3.80	100	ug/L
74-97-5	Bromochloromethane	100	UDQ	4.40	100	ug/L
67-66-3	Chloroform	100	UD	5.00	100	ug/L
71-55-6	1,1,1-Trichloroethane	100	UD	4.00	100	ug/L
108-87-2	Methylcyclohexane	100	UD	3.20	100	ug/L
71-43-2	Benzene	5100	ED	3.00	100	ug/L
107-06-2	1,2-Dichloroethane	100	UD	4.40	100	ug/L
79-01-6	Trichloroethene	100	UD	1.90	100	ug/L
78-87-5	1,2-Dichloropropane	100	UD	4.00	100	ug/L
75-27-4	Bromodichloromethane	100	UD	4.40	100	ug/L
108-10-1	4-Methyl-2-Pentanone	500	UD	13.6	500	ug/L
108-88-3	Toluene	100	UD	2.80	100	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL	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
VV039014.D	20	08/22/25 13:48	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	100	UD	3.40	100	ug/L
10061-01-5	cis-1,3-Dichloropropene	100	UD	3.20	100	ug/L
79-00-5	1,1,2-Trichloroethane	100	UD	4.20	100	ug/L
591-78-6	2-Hexanone	500	UD	17.8	500	ug/L
124-48-1	Dibromochloromethane	100	UD	3.60	100	ug/L
106-93-4	1,2-Dibromoethane	100	UD	3.00	100	ug/L
127-18-4	Tetrachloroethene	100	UD	4.60	100	ug/L
108-90-7	Chlorobenzene	100	UD	2.40	100	ug/L
100-41-4	Ethyl Benzene	680	D	2.60	100	ug/L
179601-23-1	m/p-Xylenes	49.5	JD	4.80	200	ug/L
95-47-6	o-Xylene	42.5	JD	2.40	100	ug/L
100-42-5	Styrene	100	UD	3.00	100	ug/L
75-25-2	Bromoform	100	UD	3.80	100	ug/L
98-82-8	Isopropylbenzene	66.0	JD	2.40	100	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	100	UD	5.20	100	ug/L
541-73-1	1,3-Dichlorobenzene	100	UD	3.20	100	ug/L
106-46-7	1,4-Dichlorobenzene	100	UD	3.80	100	ug/L
95-50-1	1,2-Dichlorobenzene	100	UD	3.20	100	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	100	UD	10.6	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	100	UD	4.00	100	ug/L
87-61-6	1,2,3-Trichlorobenzene	100	UD	4.00	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.7		74 - 125	103%	SPK: 50
1868-53-7	Dibromofluoromethane	43.5		75 - 124	87%	SPK: 50
2037-26-5	Toluene-d8	43.7		86 - 113	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.5		77 - 121	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	617000	4.603			
540-36-3	1,4-Difluorobenzene	1160000	5.532			
3114-55-4	Chlorobenzene-d5	1030000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	477000	11.172			

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL	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
VV039014.D	20	08/22/25 13:48	VV082225

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL2	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
VV039017.D	100	08/22/25 15:06	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	500	UD	22.0	500	ug/L
74-87-3	Chloromethane	500	UD	32.0	500	ug/L
75-01-4	Vinyl Chloride	500	UD	26.0	500	ug/L
74-83-9	Bromomethane	500	UD	140	500	ug/L
75-00-3	Chloroethane	500	UD	47.0	500	ug/L
75-69-4	Trichlorofluoromethane	500	UD	33.0	500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	500	UD	25.0	500	ug/L
75-35-4	1,1-Dichloroethene	500	UD	23.0	500	ug/L
67-64-1	Acetone	2500	UD	150	2500	ug/L
75-15-0	Carbon Disulfide	500	UD	21.0	500	ug/L
1634-04-4	Methyl tert-butyl Ether	500	UDQ	16.0	500	ug/L
79-20-9	Methyl Acetate	500	UDQ	27.0	500	ug/L
75-09-2	Methylene Chloride	500	UD	28.0	500	ug/L
156-60-5	trans-1,2-Dichloroethene	500	UDQ	23.0	500	ug/L
75-34-3	1,1-Dichloroethane	500	UD	23.0	500	ug/L
110-82-7	Cyclohexane	500	UD	150	500	ug/L
78-93-3	2-Butanone	2500	UD	98.0	2500	ug/L
56-23-5	Carbon Tetrachloride	500	UD	25.0	500	ug/L
156-59-2	cis-1,2-Dichloroethene	59.4	JD	19.0	500	ug/L
74-97-5	Bromochloromethane	500	UDQ	22.0	500	ug/L
67-66-3	Chloroform	500	UD	25.0	500	ug/L
71-55-6	1,1,1-Trichloroethane	500	UD	20.0	500	ug/L
108-87-2	Methylcyclohexane	500	UD	16.0	500	ug/L
71-43-2	Benzene	4900	D	15.0	500	ug/L
107-06-2	1,2-Dichloroethane	500	UD	22.0	500	ug/L
79-01-6	Trichloroethene	500	UD	9.30	500	ug/L
78-87-5	1,2-Dichloropropane	500	UD	20.0	500	ug/L
75-27-4	Bromodichloromethane	500	UD	22.0	500	ug/L
108-10-1	4-Methyl-2-Pentanone	2500	UD	68.0	2500	ug/L
108-88-3	Toluene	500	UD	14.0	500	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL2	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
VV039017.D	100	08/22/25 15:06	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	500	UD	17.0	500	ug/L
10061-01-5	cis-1,3-Dichloropropene	500	UD	16.0	500	ug/L
79-00-5	1,1,2-Trichloroethane	500	UD	21.0	500	ug/L
591-78-6	2-Hexanone	2500	UD	89.0	2500	ug/L
124-48-1	Dibromochloromethane	500	UD	18.0	500	ug/L
106-93-4	1,2-Dibromoethane	500	UD	15.0	500	ug/L
127-18-4	Tetrachloroethene	500	UD	23.0	500	ug/L
108-90-7	Chlorobenzene	500	UD	12.0	500	ug/L
100-41-4	Ethyl Benzene	570	D	13.0	500	ug/L
179601-23-1	m/p-Xylenes	1000	UD	24.0	1000	ug/L
95-47-6	o-Xylene	500	UD	12.0	500	ug/L
100-42-5	Styrene	500	UD	15.0	500	ug/L
75-25-2	Bromoform	500	UD	19.0	500	ug/L
98-82-8	Isopropylbenzene	500	UD	12.0	500	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	500	UD	26.0	500	ug/L
541-73-1	1,3-Dichlorobenzene	500	UD	16.0	500	ug/L
106-46-7	1,4-Dichlorobenzene	500	UD	19.0	500	ug/L
95-50-1	1,2-Dichlorobenzene	500	UD	16.0	500	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	500	UD	53.0	500	ug/L
120-82-1	1,2,4-Trichlorobenzene	500	UD	20.0	500	ug/L
87-61-6	1,2,3-Trichlorobenzene	500	UD	20.0	500	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.7		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	45.2		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	44.9		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	583000	4.596			
540-36-3	1,4-Difluorobenzene	1170000	5.529			
3114-55-4	Chlorobenzene-d5	1040000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	457000	11.172			

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL2	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
VV039017.D	100	08/22/25 15:06	VV082225

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038999.D	1	08/21/25 22:11	VV082125

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	190		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	2.10	J	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	30.7		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	0.48	J	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038999.D	1	08/21/25 22:11	VV082125

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	5.40		0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.46	J	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	0.26	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	49.3		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	44.6		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	44.0		86 - 113	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.9		77 - 121	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	651000	4.6			
540-36-3	1,4-Difluorobenzene	1150000	5.532			
3114-55-4	Chlorobenzene-d5	1020000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	449000	11.175			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VV038999.D	1	08/21/25 22:11	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	150	J		1.20	ug/L
000064-17-5	Ethanol	61.3	J		1.84	ug/L
67-63-0	Isopropyl Alcohol	14.4	J		2.22	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	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
VV039000.D	1	08/21/25 22:33	VV082125

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	37.3		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	1.70	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	5.30		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	5.90		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	6.20		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	0.65	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	2.20	J	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	4.30	J	0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	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
VV039000.D	1	08/21/25 22:33	VV082125

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	2.10	J	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	48.7		74 - 125	97%	SPK: 50
1868-53-7	Dibromofluoromethane	44.7		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	44.0		86 - 113	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.2		77 - 121	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	672000	4.6			
540-36-3	1,4-Difluorobenzene	1170000	5.532			
3114-55-4	Chlorobenzene-d5	1010000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	449000	11.175			
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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	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
VV039000.D	1	08/21/25 22:33	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	38.7	J		1.20	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-08	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
VV039001.D	1	08/21/25 22:54	VV082125

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-08	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
VV039001.D	1	08/21/25 22:54	VV082125

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	51.1		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	45.7		75 - 124	91%	SPK: 50
2037-26-5	Toluene-d8	44.4		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.7		77 - 121	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	676000	4.6			
540-36-3	1,4-Difluorobenzene	1210000	5.532			
3114-55-4	Chlorobenzene-d5	1080000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	494000	11.175			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-08	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
VV039001.D	1	08/21/25 22:54	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	100	J		1.20	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	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
VV039002.D	1	08/21/25 23:16	VV082125

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	53.8		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	0.65	J	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	17.7		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	85.5		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	32.7		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	5.50		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	14.7		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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	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
VV039002.D	1	08/21/25 23:16	VV082125

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	1.30	J	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.61	J	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	0.54	J	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.9		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	44.7		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	44.2		86 - 113	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.7		77 - 121	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	675000	4.6			
540-36-3	1,4-Difluorobenzene	1220000	5.532			
3114-55-4	Chlorobenzene-d5	1080000	8.777			
3855-82-1	1,4-Dichlorobenzene-d4	439000	11.172			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	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
VV039002.D	1	08/21/25 23:16	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	10.9	J		1.20	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	46.6	J		12.0	ug/L
002177-47-1	2-Methylindene	7.10	J		12.9	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	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
VV039003.D	1	08/21/25 23:37	VV082125

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	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	0.49	J	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	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
VV039003.D	1	08/21/25 23:37	VV082125

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	51.0		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	45.0		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	55.1		86 - 113	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.8		77 - 121	118%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	404000	4.603			
540-36-3	1,4-Difluorobenzene	696000	5.532			
3114-55-4	Chlorobenzene-d5	801000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	375000	11.175			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	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
VV039003.D	1	08/21/25 23:37	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	20.8	J		1.20	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	FB-01-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-11	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
VV038996.D	1	08/21/25 21:06	VV082125

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	14.1	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	FB-01-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-11	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
VV038996.D	1	08/21/25 21:06	VV082125

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	53.6		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	46.7		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	44.6		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.7		77 - 121	83%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	585000	4.6			
540-36-3	1,4-Difluorobenzene	1080000	5.532			
3114-55-4	Chlorobenzene-d5	978000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	425000	11.175			

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	FB-01-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-11	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
VV038996.D	1	08/21/25 21:06	VV082125

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:	08/15/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	TB	SDG No.:	Q2924
Lab Sample ID:	Q2924-12	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
VV038995.D	1	08/21/25 20:45	VV082125

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/15/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	TB	SDG No.:	Q2924
Lab Sample ID:	Q2924-12	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
VV038995.D	1	08/21/25 20:45	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	25.0	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	U	0.24	10.0	ug/L
95-47-6	o-Xylene	5.00	U	0.12	5.00	ug/L
100-42-5	Styrene	5.00	U	0.15	5.00	ug/L
75-25-2	Bromoform	5.00	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	47.1		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	45.1		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.6		77 - 121	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	588000	4.6			
540-36-3	1,4-Difluorobenzene	1060000	5.532			
3114-55-4	Chlorobenzene-d5	950000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	416000	11.175			

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Report of Analysis

Client:	AECOM	Date Collected:	08/15/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	TB	SDG No.:	Q2924
Lab Sample ID:	Q2924-12	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
VV038995.D	1	08/21/25 20:45	VV082125

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

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Surrogate Summary

SDG No.: Q2924

Client: AECOM

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q2924-01	MW-10C-082025	1,2-Dichloroethane-d4	50	54.8	110		74	125
		Dibromofluoromethane	50	46.5	93		75	124
		Toluene-d8	50	45.0	90		86	113
		4-Bromofluorobenzene	50	41.7	83		77	121
Q2924-02	MW-201-082025	1,2-Dichloroethane-d4	50	57.6	115		74	125
		Dibromofluoromethane	50	44.5	89		75	124
		Toluene-d8	50	44.9	90		86	113
		4-Bromofluorobenzene	50	55.7	111		77	121
Q2924-02DL	MW-201-082025DL	1,2-Dichloroethane-d4	50	59.8	120		74	125
		Dibromofluoromethane	50	44.9	90		75	124
		Toluene-d8	50	45.7	91		86	113
		4-Bromofluorobenzene	50	46.9	94		77	121
Q2924-02DL2	MW-201-082025DL2	1,2-Dichloroethane-d4	50	51.2	102		74	125
		Dibromofluoromethane	50	44.3	89		75	124
		Toluene-d8	50	44.2	88		86	113
		4-Bromofluorobenzene	50	46.6	93		77	121
Q2924-03MS	MW-201-082025MS	1,2-Dichloroethane-d4	50	50.4	101		74	125
		Dibromofluoromethane	50	44.4	89		75	124
		Toluene-d8	50	43.9	88		86	113
		4-Bromofluorobenzene	50	45.0	90		77	121
Q2924-04MSD	MW-201-082025MSD	1,2-Dichloroethane-d4	50	52.6	105		74	125
		Dibromofluoromethane	50	47.2	94		75	124
		Toluene-d8	50	44.3	89		86	113
		4-Bromofluorobenzene	50	60.7	121		77	121
Q2924-05	MW-2B-082025	1,2-Dichloroethane-d4	50	57.5	115		74	125
		Dibromofluoromethane	50	44.9	90		75	124
		Toluene-d8	50	43.4	87		86	113
		4-Bromofluorobenzene	50	54.0	108		77	121
Q2924-05DL	MW-2B-082025DL	1,2-Dichloroethane-d4	50	51.7	103		74	125
		Dibromofluoromethane	50	43.5	87		75	124
		Toluene-d8	50	43.7	87		86	113
		4-Bromofluorobenzene	50	47.5	95		77	121
Q2924-05DL2	MW-2B-082025DL2	1,2-Dichloroethane-d4	50	59.7	119		74	125
		Dibromofluoromethane	50	45.2	90		75	124
		Toluene-d8	50	44.9	90		86	113
		4-Bromofluorobenzene	50	45.2	90		77	121
Q2924-06	MW-2A-082025	1,2-Dichloroethane-d4	50	49.3	99		74	125
		Dibromofluoromethane	50	44.6	89		75	124
		Toluene-d8	50	44.0	88		86	113
		4-Bromofluorobenzene	50	41.9	84		77	121
Q2924-07	MW-18C-082025	1,2-Dichloroethane-d4	50	48.7	97		74	125
		Dibromofluoromethane	50	44.7	89		75	124
		Toluene-d8	50	44.0	88		86	113
		4-Bromofluorobenzene	50	44.2	88		77	121
Q2924-08	MW-16A-082025	1,2-Dichloroethane-d4	50	51.1	102		74	125
		Dibromofluoromethane	50	45.8	91		75	124
		Toluene-d8	50	44.4	89		86	113
		4-Bromofluorobenzene	50	44.8	89		77	121
Q2924-09	MW-16C-082025	1,2-Dichloroethane-d4	50	50.9	102		74	125
		Dibromofluoromethane	50	44.7	89		75	124

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Surrogate Summary

SDG No.: Q2924

Client: AECOM

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q2924-09	MW-16C-082025	Toluene-d8	50	44.2	88		86	113
		4-Bromofluorobenzene	50	45.7	91		77	121
Q2924-10	MW-8A-082025	1,2-Dichloroethane-d4	50	51.0	102		74	125
		Dibromofluoromethane	50	45.0	90		75	124
		Toluene-d8	50	55.1	110		86	113
		4-Bromofluorobenzene	50	58.8	118		77	121
Q2924-11	FB-01-082025	1,2-Dichloroethane-d4	50	53.6	107		74	125
		Dibromofluoromethane	50	46.8	93		75	124
		Toluene-d8	50	44.6	89		86	113
		4-Bromofluorobenzene	50	41.7	83		77	121
Q2924-12	TB	1,2-Dichloroethane-d4	50	52.9	106		74	125
		Dibromofluoromethane	50	47.1	94		75	124
		Toluene-d8	50	45.1	90		86	113
		4-Bromofluorobenzene	50	40.6	81		77	121

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Surrogate Summary

SDG No.: Q2924

Client: AECOM

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VV0821WBL01	VV0821WBL01	1,2-Dichloroethane-d4	50	48.2	96		74	125
		Dibromofluoromethane	50	43.8	88		75	124
		Toluene-d8	50	43.4	87		86	113
		4-Bromofluorobenzene	50	42.3	85		77	121
VV0821WBS01	VV0821WBS01	1,2-Dichloroethane-d4	50	55.0	110		74	125
		Dibromofluoromethane	50	44.8	90		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	48.8	98		77	121
VV0822WBL01	VV0822WBL01	1,2-Dichloroethane-d4	50	60.0	120		74	125
		Dibromofluoromethane	50	47.4	95		75	124
		Toluene-d8	50	47.7	95		86	113
		4-Bromofluorobenzene	50	49.3	99		77	121
VV0822WBS01	VV0822WBS01	1,2-Dichloroethane-d4	50	48.5	97		74	125
		Dibromofluoromethane	50	46.0	92		75	124
		Toluene-d8	50	46.3	93		86	113
		4-Bromofluorobenzene	50	48.5	97		77	121

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8260D

Client: AECOM **Datafile :** VV039005.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2924-03MS		**Client Sample ID : MW-201-082025MS**									
Dichlorodifluoromethane	50	0	38.4	ug/L	77				73	120	
Chloromethane	50	0	32.4	ug/L	65				58	133	
Vinyl chloride	50	0	39.7	ug/L	79				69	125	
Bromomethane	50	0	24.9	ug/L	50				28	165	
Chloroethane	50	0	52.0	ug/L	104				70	141	
Trichlorofluoromethane	50	0	45.7	ug/L	91				72	124	
1,1,2-Trichlorotrifluoroethane	50	0	44.6	ug/L	89				75	117	
1,1-Dichloroethene	50	0	49.2	ug/L	98				53	162	
Acetone	250	0	210	ug/L	84				44	150	
Carbon disulfide	50	0	47.5	ug/L	95				44	135	
Methyl tert-butyl Ether	50	0.92	55.4	ug/L	109				82	133	
Methyl Acetate	50	0	47.7	ug/L	95				76	138	
Methylene Chloride	50	0	43.3	ug/L	87				79	115	
trans-1,2-Dichloroethene	50	210	220	ug/L	20	*			76	118	
1,1-Dichloroethane	50	0	42.5	ug/L	85				78	122	
Cyclohexane	50	0	41.1	ug/L	82				71	119	
2-Butanone	250	0	230	ug/L	92				67	137	
Carbon Tetrachloride	50	0	42.2	ug/L	84				66	133	
cis-1,2-Dichloroethene	50	150	170	ug/L	40	*			82	124	
Bromochloromethane	50	0	45.2	ug/L	90				72	130	
Chloroform	50	0	41.8	ug/L	84				83	119	
1,1,1-Trichloroethane	50	0	42.5	ug/L	85				83	117	
Methylcyclohexane	50	0	45.2	ug/L	90				64	120	
Benzene	50	1700	1600	ug/L	-200	*			81	128	
1,2-Dichloroethane	50	0	180	ug/L	360	*			76	120	
Trichloroethene	50	26.9	74.0	ug/L	94				28	175	
1,2-Dichloropropane	50	0	40.8	ug/L	82	*			85	116	
Bromodichloromethane	50	0	40.6	ug/L	81				54	157	
4-Methyl-2-Pentanone	250	0	220	ug/L	88				72	137	
Toluene	50	3400	3300	ug/L	-200	*			85	115	
t-1,3-Dichloropropene	50	0	41.0	ug/L	82				60	141	
cis-1,3-Dichloropropene	50	0	42.6	ug/L	85				36	161	
1,1,2-Trichloroethane	50	0	37.2	ug/L	74				27	175	
2-Hexanone	250	0	160	ug/L	64	*			75	131	
Dibromochloromethane	50	0	38.7	ug/L	77				59	164	
1,2-Dibromoethane	50	0	39.9	ug/L	80	*			85	119	
Tetrachloroethene	50	0	43.7	ug/L	87				48	153	
Chlorobenzene	50	0	44.2	ug/L	88				85	114	
Ethyl Benzene	50	650	650	ug/L	0	*			81	128	
m/p-Xylenes	100	2400	2300	ug/L	-100	*			69	129	
o-Xylene	50	2500	2200	ug/L	-600	*			75	127	
Styrene	50	1900	1800	ug/L	-200	*			84	128	
Bromoform	50	0	45.4	ug/L	91				73	147	
Isopropylbenzene	50	8.40	43.6	ug/L	70	*			76	121	
1,1,2,2-Tetrachloroethane	50	0	28.9	ug/L	58	*			81	131	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8260D

Client: AECOM **Datafile :** VV039005.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	45.0	ug/L	90				84	110	
1,4-Dichlorobenzene	50	0	43.8	ug/L	88				81	111	
1,2-Dichlorobenzene	50	0	46.1	ug/L	92				82	113	
1,2-Dibromo-3-Chloropropane	50	0	46.0	ug/L	92				79	137	
1,2,4-Trichlorobenzene	50	0	51.9	ug/L	104				73	120	
1,2,3-Trichlorobenzene	50	0	51.6	ug/L	103				75	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8260D

Client: AECOM **Datafile :** VV039006.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2924-04MSD		**Client Sample ID : MW-201-082025MSD**									
Dichlorodifluoromethane	50	0	44.7	ug/L	89		15		73	120	20
Chloromethane	50	0	49.3	ug/L	99		41	*	58	133	20
Vinyl chloride	50	0	57.5	ug/L	115		37	*	69	125	20
Bromomethane	50	0	31.1	ug/L	62		22	*	28	165	20
Chloroethane	50	0	60.7	ug/L	121		15		70	141	20
Trichlorofluoromethane	50	0	47.5	ug/L	95		4		72	124	20
1,1,2-Trichlorotrifluoroethane	50	0	44.0	ug/L	88		1		75	117	20
1,1-Dichloroethene	50	0	54.6	ug/L	109		10		53	162	20
Acetone	250	0	260	ug/L	104		21	*	44	150	20
Carbon disulfide	50	0	55.4	ug/L	111		15		44	135	20
Methyl tert-butyl Ether	50	0.92	67.5	ug/L	133		20		82	133	20
Methyl Acetate	50	0	61.9	ug/L	124		26	*	76	138	20
Methylene Chloride	50	0	53.6	ug/L	107		21	*	79	115	20
trans-1,2-Dichloroethene	50	210	250	ug/L	80		120	*	76	118	20
1,1-Dichloroethane	50	0	49.1	ug/L	98		14		78	122	20
Cyclohexane	50	0	38.3	ug/L	77		7		71	119	20
2-Butanone	250	0	260	ug/L	104		12		67	137	20
Carbon Tetrachloride	50	0	41.8	ug/L	84		1		66	133	20
cis-1,2-Dichloroethene	50	150	180	ug/L	60	*	40	*	82	124	20
Bromochloromethane	50	0	47.4	ug/L	95		5		72	130	20
Chloroform	50	0	44.9	ug/L	90		7		83	119	20
1,1,1-Trichloroethane	50	0	43.5	ug/L	87		2		83	117	20
Methylcyclohexane	50	0	38.9	ug/L	78		15		64	120	20
Benzene	50	1700	1600	ug/L	-200	*	0		81	128	20
1,2-Dichloroethane	50	0	180	ug/L	360	*	0		76	120	20
Trichloroethene	50	26.9	72.9	ug/L	92		2		28	175	20
1,2-Dichloropropane	50	0	43.1	ug/L	86		5		85	116	20
Bromodichloromethane	50	0	43.1	ug/L	86		6		54	157	20
4-Methyl-2-Pentanone	250	0	230	ug/L	92		4		72	137	20
Toluene	50	3400	3200	ug/L	-400	*	67	*	85	115	20
t-1,3-Dichloropropene	50	0	43.6	ug/L	87		6		60	141	20
cis-1,3-Dichloropropene	50	0	45.0	ug/L	90		5		36	161	20
1,1,2-Trichloroethane	50	0	39.4	ug/L	79		6		27	175	20
2-Hexanone	250	0	170	ug/L	68	*	6		75	131	20
Dibromochloromethane	50	0	41.3	ug/L	83		6		59	164	20
1,2-Dibromoethane	50	0	42.9	ug/L	86		7		85	119	20
Tetrachloroethene	50	0	44.9	ug/L	90		3		48	153	20
Chlorobenzene	50	0	45.7	ug/L	91		3		85	114	20
Ethyl Benzene	50	650	650	ug/L	0	*	200	*	81	128	20
m/p-Xylenes	100	2400	2300	ug/L	-100	*	0		69	129	20
o-Xylene	50	2500	2500	ug/L	0	*	200	*	75	127	20
Styrene	50	1900	1900	ug/L	0	*	200	*	84	128	20
Bromoform	50	0	62.5	ug/L	125		32	*	73	147	20
Isopropylbenzene	50	8.40	61.7	ug/L	107		42	*	76	121	20
1,1,2,2-Tetrachloroethane	50	0	48.4	ug/L	97		50	*	81	131	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8260D

Client: AECOM **Datafile :** VV039006.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		10		84	110	20
1,4-Dichlorobenzene	50	0	46.8	ug/L	94		7		81	111	20
1,2-Dichlorobenzene	50	0	51.5	ug/L	103		11		82	113	20
1,2-Dibromo-3-Chloropropane	50	0	61.3	ug/L	123		29	*	79	137	20
1,2,4-Trichlorobenzene	50	0	55.9	ug/L	112		7		73	120	20
1,2,3-Trichlorobenzene	50	0	55.4	ug/L	111		7		75	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VV038985.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0821WBS01	Dichlorodifluoromethane	20	17.3	ug/L	86			69	116	
	Chloromethane	20	15.8	ug/L	79			65	116	
	Vinyl chloride	20	16.0	ug/L	80			65	117	
	Bromomethane	20	19.0	ug/L	95			58	125	
	Chloroethane	20	19.4	ug/L	97			56	128	
	Trichlorofluoromethane	20	19.0	ug/L	95			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93			80	112	
	1,1-Dichloroethene	20	19.2	ug/L	96			74	110	
	Acetone	100	94.1	ug/L	94			60	125	
	Carbon disulfide	20	19.2	ug/L	96			64	112	
	Methyl tert-butyl Ether	20	20.3	ug/L	102			78	114	
	Methyl Acetate	20	20.6	ug/L	103			67	125	
	Methylene Chloride	20	18.7	ug/L	94			72	114	
	trans-1,2-Dichloroethene	20	18.9	ug/L	95			75	108	
	1,1-Dichloroethane	20	17.8	ug/L	89			78	112	
	Cyclohexane	20	18.2	ug/L	91			75	110	
	2-Butanone	100	94.3	ug/L	94			65	122	
	Carbon Tetrachloride	20	16.5	ug/L	83			77	113	
	cis-1,2-Dichloroethene	20	17.9	ug/L	90			77	110	
	Bromochloromethane	20	16.0	ug/L	80			70	124	
	Chloroform	20	18.1	ug/L	91			79	113	
	1,1,1-Trichloroethane	20	17.6	ug/L	88			80	108	
	Methylcyclohexane	20	18.7	ug/L	94			72	115	
	Benzene	20	19.2	ug/L	96			82	109	
	1,2-Dichloroethane	20	18.4	ug/L	92			80	115	
	Trichloroethene	20	18.0	ug/L	90			77	113	
	1,2-Dichloropropane	20	19.4	ug/L	97			83	111	
	Bromodichloromethane	20	18.1	ug/L	91			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	19.4	ug/L	97			82	110	
	t-1,3-Dichloropropene	20	17.9	ug/L	90			79	110	
	cis-1,3-Dichloropropene	20	19.5	ug/L	98			82	110	
	1,1,2-Trichloroethane	20	17.6	ug/L	88			83	112	
	2-Hexanone	100	82.7	ug/L	83			73	117	
	Dibromochloromethane	20	17.2	ug/L	86			82	110	
	1,2-Dibromoethane	20	18.3	ug/L	92			81	110	
	Tetrachloroethene	20	18.6	ug/L	93			67	123	
	Chlorobenzene	20	18.0	ug/L	90			82	109	
	Ethyl Benzene	20	19.1	ug/L	96			83	109	
	m/p-Xylenes	40	36.4	ug/L	91			82	110	
	o-Xylene	20	19.6	ug/L	98			83	109	
	Styrene	20	20.4	ug/L	102			80	111	
	Bromoform	20	18.6	ug/L	93			79	109	
	Isopropylbenzene	20	19.7	ug/L	99			83	112	
	1,1,2,2-Tetrachloroethane	20	17.8	ug/L	89			76	118	
	1,3-Dichlorobenzene	20	18.6	ug/L	93			82	108	
	1,4-Dichlorobenzene	20	18.8	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	18.6	ug/L	93			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VV038985.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0821WBS01	1,2-Dibromo-3-Chloropropane	20	19.1	ug/L	96			68	112	
	1,2,4-Trichlorobenzene	20	17.0	ug/L	85			75	113	
	1,2,3-Trichlorobenzene	20	18.4	ug/L	92			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8260-Low

Client: AECOM **Datafile :** VV039011.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0822WBS01	Dichlorodifluoromethane	20	16.0	ug/L	80			69	116	
	Chloromethane	20	15.7	ug/L	79			65	116	
	Vinyl chloride	20	16.7	ug/L	84			65	117	
	Bromomethane	20	19.2	ug/L	96			58	125	
	Chloroethane	20	21.3	ug/L	106			56	128	
	Trichlorofluoromethane	20	18.7	ug/L	94			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.1	ug/L	101			80	112	
	1,1-Dichloroethene	20	21.7	ug/L	109			74	110	
	Acetone	100	120	ug/L	120			60	125	
	Carbon disulfide	20	22.2	ug/L	111			64	112	
	Methyl tert-butyl Ether	20	23.6	ug/L	118		*	78	114	
	Methyl Acetate	20	26.9	ug/L	135		*	67	125	
	Methylene Chloride	20	20.7	ug/L	104			72	114	
	trans-1,2-Dichloroethene	20	21.7	ug/L	109		*	75	108	
	1,1-Dichloroethane	20	20.8	ug/L	104			78	112	
	Cyclohexane	20	21.4	ug/L	107			75	110	
	2-Butanone	100	120	ug/L	120			65	122	
	Carbon Tetrachloride	20	16.1	ug/L	81			77	113	
	cis-1,2-Dichloroethene	20	20.9	ug/L	104			77	110	
	Bromochloromethane	20	25.1	ug/L	126		*	70	124	
	Chloroform	20	19.1	ug/L	96			79	113	
	1,1,1-Trichloroethane	20	17.7	ug/L	89			80	108	
	Methylcyclohexane	20	19.8	ug/L	99			72	115	
	Benzene	20	19.4	ug/L	97			82	109	
	1,2-Dichloroethane	20	17.5	ug/L	88			80	115	
	Trichloroethene	20	17.6	ug/L	88			77	113	
	1,2-Dichloropropane	20	19.5	ug/L	98			83	111	
	Bromodichloromethane	20	17.6	ug/L	88			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	19.6	ug/L	98			82	110	
	t-1,3-Dichloropropene	20	18.8	ug/L	94			79	110	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			82	110	
	1,1,2-Trichloroethane	20	17.6	ug/L	88			83	112	
	2-Hexanone	100	85.6	ug/L	86			73	117	
	Dibromochloromethane	20	16.8	ug/L	84			82	110	
	1,2-Dibromoethane	20	18.3	ug/L	92			81	110	
	Tetrachloroethene	20	18.3	ug/L	92			67	123	
	Chlorobenzene	20	18.8	ug/L	94			82	109	
	Ethyl Benzene	20	20.7	ug/L	104			83	109	
	m/p-Xylenes	40	41.0	ug/L	103			82	110	
	o-Xylene	20	20.8	ug/L	104			83	109	
	Styrene	20	21.4	ug/L	107			80	111	
	Bromoform	20	17.7	ug/L	89			79	109	
	Isopropylbenzene	20	21.5	ug/L	108			83	112	
	1,1,2,2-Tetrachloroethane	20	18.5	ug/L	93			76	118	
	1,3-Dichlorobenzene	20	19.6	ug/L	98			82	108	
	1,4-Dichlorobenzene	20	18.7	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	19.4	ug/L	97			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2924**	**Analytical Method:**	**SW8260-Low**
Client:	**AECOM**	**Datafile :**	VV039011.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VV0822WBS01	1,2-Dibromo-3-Chloropropane	20	21.2	ug/L	106			68	112	
	1,2,4-Trichlorobenzene	20	19.9	ug/L	100			75	113	
	1,2,3-Trichlorobenzene	20	19.9	ug/L	100			76	114	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV0821WBL01

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2924

Lab File ID: VV038984.D | Lab Sample ID: VV0821WBL01

Date Analyzed: 08/21/2025 | Time Analyzed: 16:34

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

Instrument ID: MSVOA_V

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VV0821WBS01	VV0821WBS01	VV038985.D	08/21/2025
TB	Q2924-12	VV038995.D	08/21/2025
FB-01-082025	Q2924-11	VV038996.D	08/21/2025
MW-10C-082025	Q2924-01	VV038997.D	08/21/2025
MW-2B-082025	Q2924-05	VV038998.D	08/21/2025
MW-2A-082025	Q2924-06	VV038999.D	08/21/2025
MW-18C-082025	Q2924-07	VV039000.D	08/21/2025
MW-16A-082025	Q2924-08	VV039001.D	08/21/2025
MW-16C-082025	Q2924-09	VV039002.D	08/21/2025
MW-8A-082025	Q2924-10	VV039003.D	08/21/2025
MW-201-082025	Q2924-02	VV039004.D	08/21/2025
MW-201-082025MS	Q2924-03MS	VV039005.D	08/22/2025
MW-201-082025MSD	Q2924-04MSD	VV039006.D	08/22/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VV0822WBL01

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: VV039010.D Lab Sample ID: VV0822WBL01

Date Analyzed: 08/22/2025 Time Analyzed: 10:55

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

Instrument ID: MSVOA_V

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VV0822WBS01	VV0822WBS01	VV039011.D	08/22/2025
MW-2B-082025DL	Q2924-05DL	VV039014.D	08/22/2025
MW-201-082025DL	Q2924-02DL	VV039015.D	08/22/2025
MW-2B-082025DL2	Q2924-05DL2	VV039017.D	08/22/2025
MW-201-082025DL2	Q2924-02DL2	VV039018.D	08/22/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2924

Lab File ID: VV038972.D | BFB Injection Date: 08/21/2025

Instrument ID: MSVOA_V | BFB Injection Time: 08:34

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	15.6
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	1.5 (1.9) 1
174	50.0 - 100.0% of mass 95	80.3
175	5.0 - 9.0% of mass 174	6.1 (7.6) 1
176	95.0 - 101.0% of mass 174	79.3 (98.8) 1
177	5.0 - 9.0% of mass 176	5.3 (6.6) 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
VSTDICC001	VSTDICC001	VV038973.D	08/21/2025	09:05
VSTDICC005	VSTDICC005	VV038974.D	08/21/2025	09:48
VSTDICC020	VSTDICC020	VV038975.D	08/21/2025	10:17
VSTDICCC050	VSTDICCC050	VV038976.D	08/21/2025	10:38
VSTDICC100	VSTDICC100	VV038977.D	08/21/2025	11:02
VSTDICC010	VSTDICC010	VV038979.D	08/21/2025	11:45

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG NO.: Q2924
Lab File ID: VV038981.D
BFB Injection Date: 08/21/2025
Instrument ID: MSVOA_V
BFB Injection Time: 15:11
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	16
75	30.0 - 60.0% of mass 95	50.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	1.5 (1.8) 1
174	50.0 - 100.0% of mass 95	83.7
175	5.0 - 9.0% of mass 174	6.2 (7.4) 1
176	95.0 - 101.0% of mass 174	81.8 (97.8) 1
177	5.0 - 9.0% of mass 176	5.2 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV038982.D	08/21/2025	15:42
VV0821WBL01	VV0821WBL01	VV038984.D	08/21/2025	16:34
VV0821WBS01	VV0821WBS01	VV038985.D	08/21/2025	17:09
TB	Q2924-12	VV038995.D	08/21/2025	20:45
FB-01-082025	Q2924-11	VV038996.D	08/21/2025	21:06
MW-10C-082025	Q2924-01	VV038997.D	08/21/2025	21:28
MW-2B-082025	Q2924-05	VV038998.D	08/21/2025	21:49
MW-2A-082025	Q2924-06	VV038999.D	08/21/2025	22:11
MW-18C-082025	Q2924-07	VV039000.D	08/21/2025	22:33
MW-16A-082025	Q2924-08	VV039001.D	08/21/2025	22:54
MW-16C-082025	Q2924-09	VV039002.D	08/21/2025	23:16
MW-8A-082025	Q2924-10	VV039003.D	08/21/2025	23:37
MW-201-082025	Q2924-02	VV039004.D	08/21/2025	23:59
MW-201-082025MS	Q2924-03MS	VV039005.D	08/22/2025	00:20
MW-201-082025MSD	Q2924-04MSD	VV039006.D	08/22/2025	00:42

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2924

Lab File ID: VV039008.D | BFB Injection Date: 08/22/2025

Instrument ID: MSVOA_V | BFB Injection Time: 07:56

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	17.3
75	30.0 - 60.0% of mass 95	48.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	72
175	5.0 - 9.0% of mass 174	5.8 (8) 1
176	95.0 - 101.0% of mass 174	68.9 (95.8) 1
177	5.0 - 9.0% of mass 176	4.2 (6.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VV039009.D	08/22/2025	09:03
VV0822WBL01	VV0822WBL01	VV039010.D	08/22/2025	10:55
VV0822WBS01	VV0822WBS01	VV039011.D	08/22/2025	11:22
MW-2B-082025DL	Q2924-05DL	VV039014.D	08/22/2025	13:48
MW-201-082025DL	Q2924-02DL	VV039015.D	08/22/2025	14:10
MW-2B-082025DL2	Q2924-05DL2	VV039017.D	08/22/2025	15:06
MW-201-082025DL2	Q2924-02DL2	VV039018.D	08/22/2025	15:27

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: VV038982.D Date Analyzed: 08/21/2025

Instrument ID: MSVOA_V Time Analyzed: 15:42

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	531490	4.60	833989	5.53	788137	8.77
UPPER LIMIT	1062980	5.096	1667980	6.029	1576270	9.273
LOWER LIMIT	265745	4.096	416995	5.029	394069	8.273
EPA SAMPLE NO.						
MW-10C-082025	584771	4.60	1064789	5.53	974990	8.78
MW-201-082025	456156	4.61	816696	5.54	704493	8.78
MW-201-082025MS	528363	4.60	848358	5.54	744435	8.78
MW-201-082025MSD	516721	4.60	845786	5.53	728229	8.78
MW-2B-082025	444034	4.60	845792	5.53	758397	8.78
MW-2A-082025	650572	4.60	1153105	5.53	1016294	8.78
MW-18C-082025	671823	4.60	1168529	5.53	1007735	8.78
MW-16A-082025	676464	4.60	1214643	5.53	1082468	8.78
MW-16C-082025	675326	4.60	1219427	5.53	1080769	8.78
MW-8A-082025	403960	4.60	696194	5.53	801104	8.78
FB-01-082025	585262	4.60	1084020	5.53	978319	8.78
TB	587684	4.60	1058155	5.53	949705	8.78
VV0821WBL01	502511	4.60	836910	5.53	730493	8.78
VV0821WBS01	490499	4.60	863998	5.53	809489	8.77

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.: Q2924

Lab File ID: VV038982.D Date Analyzed: 08/21/2025

Instrument ID: MSVOA_V Time Analyzed: 15:42

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

	IS4 AREA #	RT #				
12 HOUR STD	452177	11.172				
UPPER LIMIT	904354	11.672				
LOWER LIMIT	226089	10.672				
EPA SAMPLE NO.						
MW-10C-082025	354625	11.18				
MW-201-082025	442841	11.18				
MW-201-082025MS	531973	11.18				
MW-201-082025MSD	478184	11.18				
MW-2B-082025	411561	11.18				
MW-2A-082025	448609	11.18				
MW-18C-082025	449215	11.18				
MW-16A-082025	493806	11.18				
MW-16C-082025	439427	11.17				
MW-8A-082025	375249	11.18				
FB-01-082025	424569	11.18				
TB	415869	11.18				
VV0821WBL01	318475	11.18				
VV0821WBS01	439751	11.17				

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.: Q2924

Lab File ID: VV039009.D Date Analyzed: 08/22/2025

Instrument ID: MSVOA_V Time Analyzed: 09:03

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	735484	4.60	1263800	5.53	1133330	8.77
UPPER LIMIT	1470970	5.097	2527600	6.029	2266660	9.273
LOWER LIMIT	367742	4.097	631899	5.029	566665	8.273
EPA SAMPLE NO.						
MW-201-082025DL	581936	4.60	1169048	5.53	1041283	8.78
MW-201-082025DL2	766342	4.60	1437458	5.53	1305700	8.77
MW-2B-082025DL	617177	4.60	1163830	5.53	1033790	8.78
MW-2B-082025DL2	582933	4.60	1168109	5.53	1042248	8.77
VV0822WBL01	530331	4.60	1082642	5.53	991839	8.78
VV0822WBS01	711068	4.60	1223613	5.53	1111109	8.77

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.: Q2924

Lab File ID: VV039009.D Date Analyzed: 08/22/2025

Instrument ID: MSVOA_V Time Analyzed: 09:03

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

	IS4 AREA #	RT #				
12 HOUR STD	587247	11.172				
UPPER LIMIT	1174490	11.672				
LOWER LIMIT	293624	10.672				
EPA SAMPLE NO.						
MW-201-082025DL	510275	11.17				
MW-201-082025DL2	617094	11.17				
MW-2B-082025DL	477379	11.17				
MW-2B-082025DL2	457197	11.17				
VV0822WBL01	416909	11.18				
VV0822WBS01	587275	11.17				

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:	VV0821WBL01	SDG No.:	Q2924
Lab Sample ID:	VV0821WBL01	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
VV038984.D	1	08/21/25 16:34	VV082125

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:	VV0821WBL01	SDG No.:	Q2924
Lab Sample ID:	VV0821WBL01	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
VV038984.D	1	08/21/25 16:34	VV082125

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	48.2		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	43.8		75 - 124	88%	SPK: 50
2037-26-5	Toluene-d8	43.4		86 - 113	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.3		77 - 121	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	503000	4.6			
540-36-3	1,4-Difluorobenzene	837000	5.532			
3114-55-4	Chlorobenzene-d5	730000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	318000	11.175			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VV0821WBL01	SDG No.:	Q2924
Lab Sample ID:	VV0821WBL01	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
VV038984.D	1	08/21/25 16:34	VV082125

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:	VV0822WBL01	SDG No.:	Q2924
Lab Sample ID:	VV0822WBL01	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
VV039010.D	1	08/22/25 10:55	VV082225

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:	VV0822WBL01	SDG No.:	Q2924
Lab Sample ID:	VV0822WBL01	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
VV039010.D	1	08/22/25 10:55	VV082225

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	60.0		74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	47.7		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	530000	4.603			
540-36-3	1,4-Difluorobenzene	1080000	5.532			
3114-55-4	Chlorobenzene-d5	992000	8.776			
3855-82-1	1,4-Dichlorobenzene-d4	417000	11.175			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VV0822WBL01	SDG No.:	Q2924
Lab Sample ID:	VV0822WBL01	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
VV039010.D	1	08/22/25 10:55	VV082225

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:	VV0821WBS01	SDG No.:	Q2924
Lab Sample ID:	VV0821WBS01	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
VV038985.D	1	08/21/25 17:09	VV082125

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	15.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.0		0.26	1.00	ug/L
74-83-9	Bromomethane	19.0		1.40	5.00	ug/L
75-00-3	Chloroethane	19.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.0		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	94.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.2		1.50	5.00	ug/L
78-93-3	2-Butanone	94.3		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	16.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	16.0		0.22	1.00	ug/L
67-66-3	Chloroform	18.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.7		0.16	1.00	ug/L
71-43-2	Benzene	19.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.1		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.4		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:	VV0821WBS01	SDG No.:	Q2924
Lab Sample ID:	VV0821WBS01	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
VV038985.D	1	08/21/25 17:09	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	82.7		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	17.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.6		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.1		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	36.4		0.24	2.00	ug/L
95-47-6	o-Xylene	19.6		0.12	1.00	ug/L
100-42-5	Styrene	20.4		0.15	1.00	ug/L
75-25-2	Bromoform	18.6		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.8		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.4		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	44.8		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	490000	4.597			
540-36-3	1,4-Difluorobenzene	864000	5.529			
3114-55-4	Chlorobenzene-d5	809000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	440000	11.172			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VV0821WBS01	SDG No.:	Q2924
Lab Sample ID:	VV0821WBS01	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
VV038985.D	1	08/21/25 17:09	VV082125

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:	VV0822WBS01	SDG No.:	Q2924
Lab Sample ID:	VV0822WBS01	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
VV039011.D	1	08/22/25 11:22	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.0		0.22	1.00	ug/L
74-87-3	Chloromethane	15.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.7		0.26	1.00	ug/L
74-83-9	Bromomethane	19.2		1.40	5.00	ug/L
75-00-3	Chloroethane	21.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.1		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	21.7		0.23	1.00	ug/L
67-64-1	Acetone	120		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	22.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	23.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	26.9		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	21.7		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	21.4		1.50	5.00	ug/L
78-93-3	2-Butanone	120		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	16.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	25.1		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	17.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.8		0.16	1.00	ug/L
71-43-2	Benzene	19.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	17.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.5		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.6		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:	VV0822WBS01	SDG No.:	Q2924
Lab Sample ID:	VV0822WBS01	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
VV039011.D	1	08/22/25 11:22	VV082225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.1		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	85.6		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	16.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	41.0		0.24	2.00	ug/L
95-47-6	o-Xylene	20.8		0.12	1.00	ug/L
100-42-5	Styrene	21.4		0.15	1.00	ug/L
75-25-2	Bromoform	17.7		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	21.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.7		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.4		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.5		74 - 125	97%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		75 - 124	92%	SPK: 50
2037-26-5	Toluene-d8	46.3		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	711000	4.6			
540-36-3	1,4-Difluorobenzene	1220000	5.532			
3114-55-4	Chlorobenzene-d5	1110000	8.773			
3855-82-1	1,4-Dichlorobenzene-d4	587000	11.172			

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	National Grid Equity - Brooklyn NY	Date Received:	
Client Sample ID:	VV0822WBS01	SDG No.:	Q2924
Lab Sample ID:	VV0822WBS01	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
VV039011.D	1	08/22/25 11:22	VV082225

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2924
Lab Sample ID:	Q2924-03MS	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
VV039005.D	1	08/22/25 00:20	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	38.4		0.22	5.00	ug/L
74-87-3	Chloromethane	32.4		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	39.7		0.26	5.00	ug/L
74-83-9	Bromomethane	24.9		1.40	5.00	ug/L
75-00-3	Chloroethane	52.0		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	45.7		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	44.6		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	49.2		0.23	5.00	ug/L
67-64-1	Acetone	210		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	47.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	55.4		0.16	5.00	ug/L
79-20-9	Methyl Acetate	47.7		0.27	5.00	ug/L
75-09-2	Methylene Chloride	43.3		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	220	E	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	42.5		0.23	5.00	ug/L
110-82-7	Cyclohexane	41.1		1.50	5.00	ug/L
78-93-3	2-Butanone	230		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	42.2		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	170	E	0.19	5.00	ug/L
74-97-5	Bromochloromethane	45.2		0.22	5.00	ug/L
67-66-3	Chloroform	41.8		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	42.5		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	45.2		0.16	5.00	ug/L
71-43-2	Benzene	1600	E	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	180	E	0.22	5.00	ug/L
79-01-6	Trichloroethene	74.0		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	40.8		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	40.6		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	220		0.68	25.0	ug/L
108-88-3	Toluene	3300	E	0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2924
Lab Sample ID:	Q2924-03MS	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
VV039005.D	1	08/22/25 00:20	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	41.0		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	42.6		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	37.2		0.21	5.00	ug/L
591-78-6	2-Hexanone	160		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	38.7		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	39.9		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	43.7		0.23	5.00	ug/L
108-90-7	Chlorobenzene	44.2		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	650	E	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	2300	E	0.24	10.0	ug/L
95-47-6	o-Xylene	2200	E	0.12	5.00	ug/L
100-42-5	Styrene	1800	E	0.15	5.00	ug/L
75-25-2	Bromoform	45.4		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	43.6		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	28.9		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	45.0		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.8		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	46.1		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	46.0		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	51.9		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	51.6		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	44.4		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	43.9		86 - 113	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.0		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	528000	4.603			
540-36-3	1,4-Difluorobenzene	848000	5.535			
3114-55-4	Chlorobenzene-d5	744000	8.78			
3855-82-1	1,4-Dichlorobenzene-d4	532000	11.178			

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2924
Lab Sample ID:	Q2924-03MS	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
VV039005.D	1	08/22/25 00:20	VV082125

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2924
Lab Sample ID:	Q2924-04MSD	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
VV039006.D	1	08/22/25 00:42	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	44.7		0.22	5.00	ug/L
74-87-3	Chloromethane	49.3		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	57.5		0.26	5.00	ug/L
74-83-9	Bromomethane	31.1		1.40	5.00	ug/L
75-00-3	Chloroethane	60.7		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	47.5		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	44.0		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	54.6		0.23	5.00	ug/L
67-64-1	Acetone	260		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	55.4		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	67.5		0.16	5.00	ug/L
79-20-9	Methyl Acetate	61.9		0.27	5.00	ug/L
75-09-2	Methylene Chloride	53.6		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	250	E	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	49.1		0.23	5.00	ug/L
110-82-7	Cyclohexane	38.3		1.50	5.00	ug/L
78-93-3	2-Butanone	260		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	41.8		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	180	E	0.19	5.00	ug/L
74-97-5	Bromochloromethane	47.4		0.22	5.00	ug/L
67-66-3	Chloroform	44.9		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	43.5		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	38.9		0.16	5.00	ug/L
71-43-2	Benzene	1600	E	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	180	E	0.22	5.00	ug/L
79-01-6	Trichloroethene	72.9		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	43.1		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	43.1		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	230		0.68	25.0	ug/L
108-88-3	Toluene	3200	E	0.14	5.00	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2924
Lab Sample ID:	Q2924-04MSD	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
VV039006.D	1	08/22/25 00:42	VV082125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	43.6		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	45.0		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	39.4		0.21	5.00	ug/L
591-78-6	2-Hexanone	170		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	41.3		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	42.9		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	44.9		0.23	5.00	ug/L
108-90-7	Chlorobenzene	45.7		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	650	E	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	2300	E	0.24	10.0	ug/L
95-47-6	o-Xylene	2500	E	0.12	5.00	ug/L
100-42-5	Styrene	1900	E	0.15	5.00	ug/L
75-25-2	Bromoform	62.5		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	61.7		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	48.4		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	46.8		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	51.5		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	61.3		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	55.9		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	55.4		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	44.3		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	60.7		77 - 121	121%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	517000	4.603			
540-36-3	1,4-Difluorobenzene	846000	5.532			
3114-55-4	Chlorobenzene-d5	728000	8.78			
3855-82-1	1,4-Dichlorobenzene-d4	478000	11.178			

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2924
Lab Sample ID:	Q2924-04MSD	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
VV039006.D	1	08/22/25 00:42	VV082125

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

Alliance TECHNICAL GROUP
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.: Q2924

Instrument ID: MSVOA_V Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:05 11:45

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

LAB FILE ID: RRF001 = VV038973.D RRF005 = VV038974.D RRF020 = VV038975.D
RRF050 = VV038976.D RRF100 = VV038977.D RRF010 = VV038979.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF010	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.952	0.756	0.675	0.722	0.633	0.747	0.747	14.7
Chloromethane	0.878	0.853	0.712	0.768	0.654	0.769	0.772	10.9
Vinyl Chloride	0.985	0.849	0.688	0.823	0.714	0.829	0.815	13.1
Bromomethane		0.459	0.389	0.448	0.423	0.482	0.440	8.1
Chloroethane	0.346	0.559	0.365	0.414	0.359	0.448	0.415	19.3
Trichlorofluoromethane	1.342	1.178	1.026	1.088	0.961	1.102	1.116	11.9
1,1,2-Trichlorotrifluoroethane	0.823	0.628	0.558	0.554	0.513	0.619	0.616	17.9
1,1-Dichloroethene	0.675	0.593	0.519	0.536	0.495	0.586	0.567	11.4
Acetone	0.390	0.264	0.261	0.249	0.242	0.284	0.282	19.5
Carbon Disulfide	1.825	1.631	1.475	1.476	1.354	1.709	1.578	11.1
Methyl tert-butyl Ether	1.629	1.485	1.792	1.715	1.614	1.832	1.678	7.6
Methyl Acetate	0.610	0.589	0.638	0.560	0.554	0.630	0.597	5.9
Methylene Chloride	0.805	0.659	0.694	0.581	0.519	0.668	0.654	15
trans-1,2-Dichloroethene	0.577	0.577	0.640	0.573	0.529	0.651	0.591	7.8
1,1-Dichloroethane	1.293	1.028	1.122	0.940	0.941	1.288	1.102	14.6
Cyclohexane		1.084	0.955	0.808	0.961	1.109	0.983	12.2
2-Butanone	0.285	0.336	0.397	0.332	0.406	0.442	0.366	15.9
Carbon Tetrachloride	0.725	0.726	0.608	0.616	0.577	0.660	0.652	9.7
cis-1,2-Dichloroethene	0.725	0.710	0.686	0.640	0.712	0.806	0.713	7.6
Bromochloromethane	0.463	0.419	0.283	0.221	0.266	0.271	0.320	30.2
Chloroform	1.373	1.345	1.244	1.096	1.150	1.347	1.259	9.2
1,1,1-Trichloroethane	1.408	1.248	1.107	1.038	1.051	1.246	1.183	12.1
Methylcyclohexane	0.574	0.590	0.612	0.632	0.677	0.649	0.622	6.1
Benzene	1.384	1.558	1.602	1.430	1.510	1.667	1.525	7
1,2-Dichloroethane	0.602	0.597	0.546	0.514	0.506	0.580	0.558	7.5
Trichloroethene	0.444	0.433	0.392	0.391	0.389	0.433	0.414	6.2
1,2-Dichloropropane	0.341	0.335	0.397	0.330	0.366	0.425	0.366	10.5
Bromodichloromethane	0.686	0.635	0.616	0.584	0.571	0.657	0.625	7
4-Methyl-2-Pentanone	0.327	0.440	0.525	0.505	0.514	0.549	0.477	17.1
Toluene	0.791	0.916	1.009	1.070	0.984	1.026	0.966	10.3

* 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.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2924

Instrument ID: MSVOA_V | Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Calibration Time(s): 09:05 11:45

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

LAB FILE ID: RRF001 = VV038973.D RRF005 = VV038974.D RRF020 = VV038975.D
RRF050 = VV038976.D RRF100 = VV038977.D RRF010 = VV038979.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF010	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.539	0.509	0.567	0.696	0.602	0.591	0.584	11.1
cis-1,3-Dichloropropene	0.502	0.572	0.634	0.628	0.635	0.660	0.605	9.6
1,1,2-Trichloroethane	0.404	0.432	0.417	0.466	0.381	0.427	0.421	6.8
2-Hexanone	0.208	0.302	0.385	0.465	0.384	0.388	0.355	24.9
Dibromochloromethane	0.498	0.522	0.495	0.559	0.462	0.516	0.509	6.4
1,2-Dibromoethane	0.367	0.437	0.442	0.498	0.417	0.459	0.437	10
Tetrachloroethene	0.359	0.382	0.368	0.364	0.362	0.397	0.372	4
Chlorobenzene	1.265	1.206	1.166	1.163	1.142	1.291	1.206	5
Ethyl Benzene	1.654	1.659	1.848	1.952	1.998	1.931	1.840	8.2
m/p-Xylenes	0.574	0.615	0.762	0.784	0.785	0.769	0.715	13.2
o-Xylene	0.529	0.572	0.669	0.712	0.740	0.686	0.651	12.7
Styrene	0.853	0.911	1.210	1.291	1.298	1.143	1.118	17.2
Bromoform	0.369	0.360	0.351	0.350	0.344	0.365	0.357	2.7
Isopropylbenzene	3.332	2.780	3.605	3.326	3.515	3.573	3.355	9.1
1,1,2,2-Tetrachloroethane	1.745	1.323	1.324	1.111	1.122	1.368	1.332	17.3
1,3-Dichlorobenzene	1.735	1.691	1.660	1.623	1.663	1.841	1.702	4.6
1,4-Dichlorobenzene	2.000	1.803	1.733	1.666	1.683	2.011	1.816	8.5
1,2-Dichlorobenzene	1.685	1.559	1.707	1.521	1.564	1.702	1.623	5.2
1,2-Dibromo-3-Chloropropane	0.287	0.261	0.274	0.236	0.255	0.242	0.259	7.4
1,2,4-Trichlorobenzene	0.938	0.865	1.004	0.973	1.065	0.965	0.969	6.9
1,2,3-Trichlorobenzene	0.878	0.847	1.059	0.983	1.064	1.028	0.977	9.6
1,2-Dichloroethane-d4		0.815	0.696	0.643	0.647	0.707	0.702	9.9
Dibromofluoromethane		0.420	0.386	0.346	0.347	0.377	0.375	8.2
Toluene-d8		1.355	1.346	1.338	1.246	1.253	1.308	4.1
4-Bromofluorobenzene		0.425	0.472	0.559	0.477	0.459	0.478	10.3

* 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.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG No.: Q2924

Instrument ID: MSVOA_V | Calibration Date/Time: 08/21/2025 15:42

Lab File ID: VV038982.D | Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:05 11:45

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.747	0.644		-13.79	20
Chloromethane	0.772	0.671	0.1	-13.08	20
Vinyl Chloride	0.815	0.716		-12.15	20
Bromomethane	0.440	0.434		-1.36	20
Chloroethane	0.415	0.391		-5.78	20
Trichlorofluoromethane	1.116	1.035		-7.26	20
1,1,2-Trichlorotrifluoroethane	0.616	0.554		-10.06	20
1,1-Dichloroethene	0.567	0.536		-5.47	20
Acetone	0.282	0.277		-1.77	20
Carbon Disulfide	1.578	1.548		-1.9	20
Methyl tert-butyl Ether	1.678	1.921		14.48	20
Methyl Acetate	0.597	0.750		25.63	20
Methylene Chloride	0.654	0.690		5.51	20
trans-1,2-Dichloroethene	0.591	0.641		8.46	20
1,1-Dichloroethane	1.102	1.114	0.1	1.09	20
Cyclohexane	0.983	0.959		-2.44	20
2-Butanone	0.366	0.416		13.66	20
Carbon Tetrachloride	0.652	0.600		-7.97	20
cis-1,2-Dichloroethene	0.713	0.718		0.7	20
Bromochloromethane	0.320	0.269		-15.94	20
Chloroform	1.259	1.201		-4.61	20
1,1,1-Trichloroethane	1.183	1.077		-8.96	20
Methylcyclohexane	0.622	0.666		7.07	20
Benzene	1.525	1.571		3.02	20
1,2-Dichloroethane	0.558	0.537		-3.76	20
Trichloroethene	0.414	0.401		-3.14	20
1,2-Dichloropropane	0.366	0.389		6.28	20
Bromodichloromethane	0.625	0.597		-4.48	20
4-Methyl-2-Pentanone	0.477	0.544		14.05	20
Toluene	0.966	1.015		5.07	20
t-1,3-Dichloropropene	0.584	0.604		3.42	20
cis-1,3-Dichloropropene	0.605	0.643		6.28	20
1,1,2-Trichloroethane	0.421	0.414		-1.66	20
2-Hexanone	0.355	0.405		14.09	20
Dibromochloromethane	0.509	0.477		-6.29	20
1,2-Dibromoethane	0.437	0.436		-0.23	20
Tetrachloroethene	0.372	0.377		1.34	20
Chlorobenzene	1.206	1.194	0.3	-1	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.: Q2924

Instrument ID: MSVOA_V | Calibration Date/Time: 08/21/2025 15:42

Lab File ID: VV038982.D | Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:05 11:45

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.840	2.027		10.16	20
m/p-Xylenes	0.715	0.813		13.71	20
o-Xylene	0.651	0.749		15.05	20
Styrene	1.118	1.344		20.22	20
Bromoform	0.357	0.356	0.1	-0.28	20
Isopropylbenzene	3.355	3.588		6.95	20
1,1,2,2-Tetrachloroethane	1.332	1.201	0.3	-9.84	20
1,3-Dichlorobenzene	1.702	1.726		1.41	20
1,4-Dichlorobenzene	1.816	1.752		-3.52	20
1,2-Dichlorobenzene	1.623	1.634		0.68	20
1,2-Dibromo-3-Chloropropane	0.259	0.256		-1.16	20
1,2,4-Trichlorobenzene	0.969	1.048		8.15	20
1,2,3-Trichlorobenzene	0.977	1.075		10.03	20
1,2-Dichloroethane-d4	0.702	0.672		-4.27	20
Dibromofluoromethane	0.375	0.368		-1.87	20
Toluene-d8	1.308	1.282		-1.99	20
4-Bromofluorobenzene	0.478	0.486		1.67	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.: Q2924

Instrument ID: MSVOA_V | Calibration Date/Time: 08/22/2025 09:03

Lab File ID: VV039009.D | Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:05 11:45

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.747	0.601		-19.55	20
Chloromethane	0.772	0.585	0.1	-24.22	20
Vinyl Chloride	0.815	0.691		-15.22	20
Bromomethane	0.440	0.347		-21.14	20
Chloroethane	0.415	0.469		13.01	20
Trichlorofluoromethane	1.116	1.051		-5.82	20
1,1,2-Trichlorotrifluoroethane	0.616	0.640		3.9	20
1,1-Dichloroethene	0.567	0.607		7.05	20
Acetone	0.282	0.366		29.79	20
Carbon Disulfide	1.578	1.789		13.31	20
Methyl tert-butyl Ether	1.678	2.087		24.37	20
Methyl Acetate	0.597	0.801		34.17	20
Methylene Chloride	0.654	0.668		2.14	20
trans-1,2-Dichloroethene	0.591	0.630		6.6	20
1,1-Dichloroethane	1.102	1.141	0.1	3.54	20
Cyclohexane	0.983	1.041		5.9	20
2-Butanone	0.366	0.460		25.68	20
Carbon Tetrachloride	0.652	0.526		-19.33	20
cis-1,2-Dichloroethene	0.713	0.751		5.33	20
Bromochloromethane	0.320	0.277		-13.44	20
Chloroform	1.259	1.179		-6.35	20
1,1,1-Trichloroethane	1.183	1.068		-9.72	20
Methylcyclohexane	0.622	0.651		4.66	20
Benzene	1.525	1.478		-3.08	20
1,2-Dichloroethane	0.558	0.490		-12.19	20
Trichloroethene	0.414	0.376		-9.18	20
1,2-Dichloropropane	0.366	0.371		1.37	20
Bromodichloromethane	0.625	0.561		-10.24	20
4-Methyl-2-Pentanone	0.477	0.534		11.95	20
Toluene	0.966	0.942		-2.48	20
t-1,3-Dichloropropene	0.584	0.588		0.69	20
cis-1,3-Dichloropropene	0.605	0.623		2.97	20
1,1,2-Trichloroethane	0.421	0.375		-10.93	20
2-Hexanone	0.355	0.396		11.55	20
Dibromochloromethane	0.509	0.441		-13.36	20
1,2-Dibromoethane	0.437	0.409		-6.41	20
Tetrachloroethene	0.372	0.348		-6.45	20
Chlorobenzene	1.206	1.155	0.3	-4.23	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.: Q2924

Instrument ID: MSVOA_V | Calibration Date/Time: 08/22/2025 09:03

Lab File ID: VV039009.D | Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:05 11:45

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.840	2.002		8.8	20
m/p-Xylenes	0.715	0.770		7.69	20
o-Xylene	0.651	0.736		13.06	20
Styrene	1.118	1.245		11.36	20
Bromoform	0.357	0.338	0.1	-5.32	20
Isopropylbenzene	3.355	3.778		12.61	20
1,1,2,2-Tetrachloroethane	1.332	1.280	0.3	-3.9	20
1,3-Dichlorobenzene	1.702	1.744		2.47	20
1,4-Dichlorobenzene	1.816	1.769		-2.59	20
1,2-Dichlorobenzene	1.623	1.615		-0.49	20
1,2-Dibromo-3-Chloropropane	0.259	0.274		5.79	20
1,2,4-Trichlorobenzene	0.969	1.043		7.64	20
1,2,3-Trichlorobenzene	0.977	1.083		10.85	20
1,2-Dichloroethane-d4	0.702	0.659		-6.13	20
Dibromofluoromethane	0.375	0.333		-11.2	20
Toluene-d8	1.308	1.155		-11.7	20
4-Bromofluorobenzene	0.478	0.443		-7.32	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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LAB CHRONICLE

OrderID:	Q2924	**OrderDate:**	8/20/2025 3:43:00 PM
Client:	AECOM	**Project:**	National Grid Equity - Brooklyn NY
Contact:	Peter S	**Location:**	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2924-01	**MW-10C-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/22/25	
Q2924-02	**MW-201-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2924-02DL	**MW-201-082025DL**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2924-02DL2	**MW-201-082025DL2**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2924-05	**MW-2B-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/22/25	
Q2924-05DL	**MW-2B-082025DL**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	
Q2924-05DL2	**MW-2B-082025DL2**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	
Q2924-06	**MW-2A-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	
Q2924-07	**MW-18C-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	
Q2924-08	**MW-16A-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	
Q2924-09	**MW-16C-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/26/25	

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LAB CHRONICLE

Q2924-10	**MW-8A-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/22/25	
Q2924-11	**FB-01-082025**	**Water**			**08/20/25**			**08/20/25**
			SVOC-TCL BNA -20	8270E		08/22/25	08/27/25	

Alliance TECHNICAL GROUP
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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-10C-082025									
Q2924-01	MW-10C-082025	WATER	1,4-Benzenedicarboxylic acid, bis	*	2.500	J	0	0	ug/L
Q2924-01	MW-10C-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.500	AB	0	0	ug/L
Q2924-01	MW-10C-082025	WATER	Butane, 2-methoxy-2-methyl-	*	87.300	J	0	0	ug/L
Q2924-01	MW-10C-082025	WATER	Hexanoic acid, 2-ethyl-	*	5.300	J	0	0	ug/L
			Total Tics :		**100.60**				
			Total Concentration:		**100.60**				
Client ID : MW-201-082025									
Q2924-02	MW-201-082025	WATER	3+4-Methylphenols		10.000	J	1.2	10.5	ug/L
Q2924-02	MW-201-082025	WATER	Naphthalene		3,100.000	E	0.53	5.3	ug/L
Q2924-02	MW-201-082025	WATER	2-Methylnaphthalene		920.000	E	0.59	5.3	ug/L
Q2924-02	MW-201-082025	WATER	1,1-Biphenyl		26.000		0.56	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Acenaphthylene		160.000	E	0.79	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Acenaphthene		8.700		0.58	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Dibenzofuran		4.000	J	0.64	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Diethylphthalate		2.100	J	0.73	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Fluorene		27.400		0.66	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Phenanthrene		29.600		0.53	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Anthracene		6.100		0.64	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Carbazole		13.800		0.76	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Di-n-butylphthalate		2.700	J	1.3	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Fluoranthene		2.300	J	0.86	5.3	ug/L
Q2924-02	MW-201-082025	WATER	Pyrene		3.000	J	0.53	5.3	ug/L
			Total Svoc :		**4,315.70**				
Q2924-02	MW-201-082025	WATER	.alpha.-Methylstyrene	*	11.100	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	4-Methylcarbazole	*	16.200	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Azulene	*	21.100	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Benzene, (2-methyl-1-propenyl)-	*	7.900	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Benzene, 1-ethyl-3-methyl-	*	12.800	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Benzene, 1-ethyl-4-methyl-	*	5.300	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Benzene, 1-propenyl-	*	9.500	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Butane, 2-methoxy-2-methyl-	*	11.500	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Indane	*	12.700	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Naphthalene, 1,3-dimethyl-	*	5.900	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Naphthalene, 1,7-dimethyl-	*	4.600	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	p-Xylene	*	160.000	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	Thiophene, 3-methyl-	*	4.600	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	unknown7.449	*	99.800	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2924-02	MW-201-082025	WATER	unknown7.525	*	31.200	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	unknown8.372	*	310.000	J	0	0	ug/L
Q2924-02	MW-201-082025	WATER	1-Methylnaphthalene	*	600.000	J	0.69	5.3	ug/L
			Total Tics :		**1,324.20**				
			Total Concentration:		**5,639.90**				
Client ID :	**MW-201-082025DL**								
Q2924-02DL	MW-201-082025DL	WATER	Naphthalene		6,000.000	ED	10.5	110	ug/L
Q2924-02DL	MW-201-082025DL	WATER	2-Methylnaphthalene		610.000	D	11.8	110	ug/L
Q2924-02DL	MW-201-082025DL	WATER	Acenaphthylene		180.000	D	15.8	110	ug/L
			Total Svoc :		**6,790.00**				
			Total Concentration:		**6,790.00**				
Client ID :	**MW-201-082025DL2**								
Q2924-02DL2	MW-201-082025DL2	WATER	Naphthalene		6,800.000	D	110	1100	ug/L
Q2924-02DL2	MW-201-082025DL2	WATER	2-Methylnaphthalene		570.000	JD	120	1100	ug/L
			Total Svoc :		**7,370.00**				
			Total Concentration:		**7,370.00**				
Client ID :	**MW-2B-082025**								
Q2924-05	MW-2B-082025	WATER	Phenol		5.100	J	0.95	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Naphthalene		930.000	E	0.52	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	2-Methylnaphthalene		160.000	E	0.58	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	1,1-Biphenyl		12.700		0.55	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Acenaphthene		61.200		0.57	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Dibenzofuran		2.600	J	0.64	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Fluorene		13.000		0.66	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Phenanthrene		17.200		0.52	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Anthracene		2.600	J	0.64	5.2	ug/L
Q2924-05	MW-2B-082025	WATER	Carbazole		5.800		0.75	5.2	ug/L
			Total Svoc :		**1,210.20**				
Q2924-05	MW-2B-082025	WATER	Naphthalene, 1,5-dimethyl-	*	8.900	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Naphthalene, 1,6-dimethyl-	*	15.600	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Naphthalene, 1-ethyl-	*	8.400	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Naphthalene, 2,3-dimethyl-	*	18.700	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Naphthalene, 2,6-dimethyl-	*	5.900	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	1,3-Cyclopentadiene, 5-(1-methyl	*	290.000	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	1-Naphthalenol	*	7.100	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	1-Naphthalenol, 2-methyl-	*	8.800	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	9H-Carbazole, 9-methyl-	*	7.700	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Benzene, 1,3-dimethyl-	*	28.600	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2924-05	MW-2B-082025	WATER	unknown6.387	*	14.000	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown6.751	*	40.500	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown6.987	*	76.500	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown7.034	*	14.100	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown7.134	*	770.000	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown7.193	*	35.400	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	unknown7.951	*	2.300	J	0	0	ug/L
Q2924-05	MW-2B-082025	WATER	1-Methylnaphthalene	*	240.000	J	0.69	5.2	ug/L
			Total Tics :		**1,702.50**				
			Total Concentration:		**2,912.70**				
Client ID :	**MW-2B-082025DL**								
Q2924-05DL	MW-2B-082025DL	WATER	Naphthalene		1,800.000	ED	10.4	100	ug/L
Q2924-05DL	MW-2B-082025DL	WATER	2-Methylnaphthalene		180.000	D	11.7	100	ug/L
Q2924-05DL	MW-2B-082025DL	WATER	Acenaphthene		72.500	JD	11.5	100	ug/L
			Total Svoc :		**2,052.50**				
			Total Concentration:		**2,052.50**				
Client ID :	**MW-2B-082025DL2**								
Q2924-05DL2	MW-2B-082025DL2	WATER	Naphthalene		1,800.000	D	20.8	210	ug/L
Q2924-05DL2	MW-2B-082025DL2	WATER	2-Methylnaphthalene		180.000	JD	23.3	210	ug/L
			Total Svoc :		**1,980.00**				
			Total Concentration:		**1,980.00**				
Client ID :	**MW-2A-082025**								
Q2924-06	MW-2A-082025	WATER	1-Octanamine, N-methyl-N-octyl-	*	2.900	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	1-Propanol, 2-(2-hydroxypropoxy	*	3.700	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.900	AB	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	2-Propanol, 1,1-[(1-methyl-1,2-et	*	4.200	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	Butane, 2-methoxy-2-methyl-	*	96.500	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	Butanoic acid, 4-(2-methoxy-1-me	*	2.700	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	di-2-Pyridyl ketone	*	5.000	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	Ethyl cyclopropanecarboxylate	*	17.200	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	n-Hexadecanoic acid	*	4.300	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	unknown12.196	*	17.600	J	0	0	ug/L
Q2924-06	MW-2A-082025	WATER	unknown19.683	*	4.800	J	0	0	ug/L
			Total Tics :		**163.80**				
			Total Concentration:		**163.80**				
Client ID :	**MW-18C-082025**								
Q2924-07	MW-18C-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.800	AB	0	0	ug/L
Q2924-07	MW-18C-082025	WATER	Benzophenone	*	2.300	J	0	0	ug/L
Q2924-07	MW-18C-082025	WATER	n-Hexadecanoic acid	*	2.700	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2924

Client: AECOM

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2924-07	MW-18C-082025	WATER	Palmitoleic acid	*	2.300	J	0	0	ug/L
			Total Tics :		**13.10**				
			Total Concentration:		**13.10**				
Client ID :	**MW-16A-082025**								
Q2924-08	MW-16A-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.600	AB	0	0	ug/L
Q2924-08	MW-16A-082025	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2924-08	MW-16A-082025	WATER	cis-13-Octadecenoic acid	*	7.300	J	0	0	ug/L
Q2924-08	MW-16A-082025	WATER	n-Hexadecanoic acid	*	5.200	J	0	0	ug/L
			Total Tics :		**128.10**				
			Total Concentration:		**128.10**				
Client ID :	**MW-16C-082025**								
Q2924-09	MW-16C-082025	WATER	1H-Indene, 2,3-dihydro-4,7-dimet	*	2.900	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	2,3,4,5,6,7-Hexahydro-1H-cyclop	*	2.600	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.300	AB	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	3-(2,3-Dihydro-1-benzofuran-5-yl	*	3.900	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	Benzenemethanol, .alpha.,.alpha.-	*	2.900	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	Erucic acid	*	2.700	J	0	0	ug/L
Q2924-09	MW-16C-082025	WATER	n-Hexadecanoic acid	*	4.000	J	0	0	ug/L
			Total Tics :		**134.30**				
			Total Concentration:		**134.30**				
Client ID :	**MW-8A-082025**								
Q2924-10	MW-8A-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.400	AB	0	0	ug/L
Q2924-10	MW-8A-082025	WATER	Benzophenone	*	2.800	J	0	0	ug/L
Q2924-10	MW-8A-082025	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2924-10	MW-8A-082025	WATER	n-Hexadecanoic acid	*	5.300	J	0	0	ug/L
			Total Tics :		**122.50**				
			Total Concentration:		**122.50**				
Client ID :	**FB-01-082025**								
Q2924-11	FB-01-082025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.900	AB	0	0	ug/L
			Total Tics :		**6.90**				
			Total Concentration:		**6.90**				

SAMPLE DATA

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

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-10C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-01	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
BF143581.D	1	08/22/25 10:34	08/22/25 19:21	PB169362

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-10C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-01	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
BF143581.D	1	08/22/25 10:34	08/22/25 19:21	PB169362

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-10C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-01	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
BF143581.D	1	08/22/25 10:34	08/22/25 19:21	PB169362

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	59.1		23 - 138	39%	SPK: 150
13127-88-3	Phenol-d6	38.3		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.8		67 - 132	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.3		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	151		44 - 137	101%	SPK: 150
1718-51-0	Terphenyl-d14	102		42 - 152	102%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	105000	6.922			
1146-65-2	Naphthalene-d8	416000	8.204			
15067-26-2	Acenaphthene-d10	252000	9.963			
1517-22-2	Phenanthrene-d10	423000	11.451			
1719-03-5	Chrysene-d12	233000	14.092			
1520-96-3	Perylene-d12	204000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	87.3	J		2.25	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.50	AB		5.15	ug/L
000149-57-5	Hexanoic acid, 2-ethyl-	5.30	J		7.61	ug/L
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	2.50	J		14.7	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-10C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-01	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
BF143581.D	1	08/22/25 10:34	08/22/25 19:21	PB169362

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	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
BP025601.D	1	08/22/25 10:34	08/27/25 13:37	PB169362

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	10.0	J	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	3100	E	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	920	E	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	26.0		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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	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
BP025601.D	1	08/22/25 10:34	08/27/25 13:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	160	E	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	8.70		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	4.00	J	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	2.10	J	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	27.4		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	29.6		0.53	5.30	ug/L
120-12-7	Anthracene	6.10		0.64	5.30	ug/L
86-74-8	Carbazole	13.8		0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	2.70	J	1.30	5.30	ug/L
206-44-0	Fluoranthene	2.30	J	0.86	5.30	ug/L
129-00-0	Pyrene	3.00	J	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	5.30	U	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	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
BP025601.D	1	08/22/25 10:34	08/27/25 13:37	PB169362

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	65.2		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	38.7		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	171	*	67 - 132	171%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.8		52 - 132	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		44 - 137	91%	SPK: 150
1718-51-0	Terphenyl-d14	74.0		42 - 152	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	185000	7.778			
1146-65-2	Naphthalene-d8	347000	10.566			
15067-26-2	Acenaphthene-d10	427000	14.389			
1517-22-2	Phenanthrene-d10	843000	17.195			
1719-03-5	Chrysene-d12	909000	21.636			
1520-96-3	Perylene-d12	1060000	25.001			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	11.5	J		3.03	ug/L
000616-44-4	Thiophene, 3-methyl-	4.60	J		4.19	ug/L
000106-42-3	p-Xylene	160	J		5.47	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	12.8	J		6.88	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	5.30	J		7.18	ug/L
000098-83-9	.alpha.-Methylstyrene	11.1	J		7.21	ug/L
	unknown7.449	99.8	J		7.45	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-02	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
BP025601.D	1	08/22/25 10:34	08/27/25 13:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
	unknown7.525	31.2	J		7.53	ug/L
000637-50-3	Benzene, 1-propenyl-	9.50	J		7.96	ug/L
000496-11-7	Indane	12.7	J		8.15	ug/L
	unknown8.372	310	J		8.37	ug/L
000768-49-0	Benzene, (2-methyl-1-propenyl)-	7.90	J		9.03	ug/L
000275-51-4	Azulene	21.1	J		10.7	ug/L
90-12-0	1-Methylnaphthalene	600	J		12.4	ug/L
000575-37-1	Naphthalene, 1,7-dimethyl-	4.60	J		13.6	ug/L
000575-41-7	Naphthalene, 1,3-dimethyl-	5.90	J		13.7	ug/L
003770-48-7	4-Methylcarbazole	16.2	J		18.1	ug/L

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

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

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL	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
BP025607.D	20	08/22/25 10:34	08/27/25 17:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	210	UD	82.3	210	ug/L
108-95-2	Phenol	110	UD	19.2	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	17.1	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.2	110	ug/L
95-48-7	2-Methylphenol	110	UD	23.6	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	26.9	110	ug/L
98-86-2	Acetophenone	110	UD	15.6	110	ug/L
65794-96-9	3+4-Methylphenols	210	UD	23.2	210	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.6	UD	29.7	52.6	ug/L
67-72-1	Hexachloroethane	110	UD	13.7	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.0	110	ug/L
78-59-1	Isophorone	110	UD	15.8	110	ug/L
88-75-5	2-Nitrophenol	110	UD	37.1	110	ug/L
105-67-9	2,4-Dimethylphenol	110	UD	38.9	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	14.3	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	10.9	110	ug/L
91-20-3	Naphthalene	6000	ED	10.5	110	ug/L
106-47-8	4-Chloroaniline	110	UD	17.7	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	11.4	110	ug/L
105-60-2	Caprolactam	210	UD	23.8	210	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	12.4	110	ug/L
91-57-6	2-Methylnaphthalene	610	D	11.8	110	ug/L
77-47-4	Hexachlorocyclopentadiene	210	UD	76.4	210	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	10.7	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.1	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.2	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	12.8	110	ug/L
88-74-4	2-Nitroaniline	110	UD	26.5	110	ug/L
131-11-3	Dimethylphthalate	110	UD	12.8	110	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL	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
BP025607.D	20	08/22/25 10:34	08/27/25 17:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	180	D	15.8	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	19.4	110	ug/L
99-09-2	3-Nitroaniline	110	UD	22.1	110	ug/L
83-32-9	Acenaphthene	110	UD	11.6	110	ug/L
51-28-5	2,4-Dinitrophenol	210	UD	130	210	ug/L
100-02-7	4-Nitrophenol	210	UD	50.1	210	ug/L
132-64-9	Dibenzofuran	110	UD	12.8	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	25.7	110	ug/L
84-66-2	Diethylphthalate	110	UD	14.5	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	14.3	110	ug/L
86-73-7	Fluorene	110	UD	13.3	110	ug/L
100-01-6	4-Nitroaniline	110	UD	31.6	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	210	UD	60.6	210	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.2	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.40	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	10.9	110	ug/L
1912-24-9	Atrazine	110	UD	21.3	110	ug/L
87-86-5	Pentachlorophenol	210	UD	33.3	210	ug/L
85-01-8	Phenanthrene	110	UD	10.5	110	ug/L
120-12-7	Anthracene	110	UD	12.8	110	ug/L
86-74-8	Carbazole	110	UD	15.2	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	25.7	110	ug/L
206-44-0	Fluoranthene	110	UD	17.3	110	ug/L
129-00-0	Pyrene	110	UD	10.5	110	ug/L
85-68-7	Butylbenzylphthalate	110	UD	40.6	110	ug/L
91-94-1	3,3-Dichlorobenzidine	210	UD	19.6	210	ug/L
56-55-3	Benzo(a)anthracene	110	UD	9.50	110	ug/L
218-01-9	Chrysene	110	UD	9.30	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	33.7	110	ug/L
117-84-0	Di-n-octyl phthalate	210	UD	49.3	210	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.3	110	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL	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
BP025607.D	20	08/22/25 10:34	08/27/25 17:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	110	UD	10.1	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	11.6	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	12.4	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.1	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	14.5	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	10.9	110	ug/L
123-91-1	1,4-Dioxane	110	UD	21.1	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	15.2	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	63.7		23 - 138	42%	SPK: 150
13127-88-3	Phenol-d6	31.8		10 - 134	21%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.1		67 - 132	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.0		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	114		44 - 137	76%	SPK: 150
1718-51-0	Terphenyl-d14	77.0		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	147000	7.772			
1146-65-2	Naphthalene-d8	575000	10.543			
15067-26-2	Acenaphthene-d10	353000	14.389			
1517-22-2	Phenanthrene-d10	694000	17.189			
1719-03-5	Chrysene-d12	837000	21.636			
1520-96-3	Perylene-d12	1050000	25.001			

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL2	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
BP025608.D	200	08/22/25 10:34	08/27/25 18:26	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	2100	UD	820	2100	ug/L
108-95-2	Phenol	1100	UD	190	1100	ug/L
111-44-4	bis(2-Chloroethyl)ether	1100	UD	170	1100	ug/L
95-57-8	2-Chlorophenol	1100	UD	120	1100	ug/L
95-48-7	2-Methylphenol	1100	UD	240	1100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1100	UD	270	1100	ug/L
98-86-2	Acetophenone	1100	UD	160	1100	ug/L
65794-96-9	3+4-Methylphenols	2100	UD	230	2100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	530	UD	300	530	ug/L
67-72-1	Hexachloroethane	1100	UD	140	1100	ug/L
98-95-3	Nitrobenzene	1100	UD	160	1100	ug/L
78-59-1	Isophorone	1100	UD	160	1100	ug/L
88-75-5	2-Nitrophenol	1100	UD	370	1100	ug/L
105-67-9	2,4-Dimethylphenol	1100	UD	390	1100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1100	UD	140	1100	ug/L
120-83-2	2,4-Dichlorophenol	1100	UD	110	1100	ug/L
91-20-3	Naphthalene	6800	D	110	1100	ug/L
106-47-8	4-Chloroaniline	1100	UD	180	1100	ug/L
87-68-3	Hexachlorobutadiene	1100	UD	110	1100	ug/L
105-60-2	Caprolactam	2100	UD	240	2100	ug/L
59-50-7	4-Chloro-3-methylphenol	1100	UD	120	1100	ug/L
91-57-6	2-Methylnaphthalene	570	JD	120	1100	ug/L
77-47-4	Hexachlorocyclopentadiene	2100	UD	760	2100	ug/L
88-06-2	2,4,6-Trichlorophenol	1100	UD	110	1100	ug/L
95-95-4	2,4,5-Trichlorophenol	1100	UD	130	1100	ug/L
92-52-4	1,1-Biphenyl	1100	UD	110	1100	ug/L
91-58-7	2-Chloronaphthalene	1100	UD	130	1100	ug/L
88-74-4	2-Nitroaniline	1100	UD	270	1100	ug/L
131-11-3	Dimethylphthalate	1100	UD	130	1100	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL2	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
BP025608.D	200	08/22/25 10:34	08/27/25 18:26	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1100	UD	160	1100	ug/L
606-20-2	2,6-Dinitrotoluene	1100	UD	190	1100	ug/L
99-09-2	3-Nitroaniline	1100	UD	220	1100	ug/L
83-32-9	Acenaphthene	1100	UD	120	1100	ug/L
51-28-5	2,4-Dinitrophenol	2100	UD	1300	2100	ug/L
100-02-7	4-Nitrophenol	2100	UD	500	2100	ug/L
132-64-9	Dibenzofuran	1100	UD	130	1100	ug/L
121-14-2	2,4-Dinitrotoluene	1100	UD	260	1100	ug/L
84-66-2	Diethylphthalate	1100	UD	150	1100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	UD	140	1100	ug/L
86-73-7	Fluorene	1100	UD	130	1100	ug/L
100-01-6	4-Nitroaniline	1100	UD	320	1100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2100	UD	610	2100	ug/L
86-30-6	n-Nitrosodiphenylamine	1100	UD	120	1100	ug/L
101-55-3	4-Bromophenyl-phenylether	1100	UD	84.2	1100	ug/L
118-74-1	Hexachlorobenzene	1100	UD	110	1100	ug/L
1912-24-9	Atrazine	1100	UD	210	1100	ug/L
87-86-5	Pentachlorophenol	2100	UD	330	2100	ug/L
85-01-8	Phenanthrene	1100	UD	110	1100	ug/L
120-12-7	Anthracene	1100	UD	130	1100	ug/L
86-74-8	Carbazole	1100	UD	150	1100	ug/L
84-74-2	Di-n-butylphthalate	1100	UD	260	1100	ug/L
206-44-0	Fluoranthene	1100	UD	170	1100	ug/L
129-00-0	Pyrene	1100	UD	110	1100	ug/L
85-68-7	Butylbenzylphthalate	1100	UD	410	1100	ug/L
91-94-1	3,3-Dichlorobenzidine	2100	UD	200	2100	ug/L
56-55-3	Benzo(a)anthracene	1100	UD	94.7	1100	ug/L
218-01-9	Chrysene	1100	UD	92.6	1100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1100	UD	340	1100	ug/L
117-84-0	Di-n-octyl phthalate	2100	UD	490	2100	ug/L
205-99-2	Benzo(b)fluoranthene	1100	UD	100	1100	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL2	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
BP025608.D	200	08/22/25 10:34	08/27/25 18:26	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1100	UD	100	1100	ug/L
50-32-8	Benzo(a)pyrene	1100	UD	120	1100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1100	UD	120	1100	ug/L
53-70-3	Dibenzo(a,h)anthracene	1100	UD	140	1100	ug/L
191-24-2	Benzo(g,h,i)perylene	1100	UD	150	1100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	UD	110	1100	ug/L
123-91-1	1,4-Dioxane	1100	UD	210	1100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1100	UD	150	1100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.8		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	14.0	*	10 - 134	9%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.0		67 - 132	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.2		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	91.2		44 - 137	61%	SPK: 150
1718-51-0	Terphenyl-d14	73.4		42 - 152	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	151000	7.772			
1146-65-2	Naphthalene-d8	582000	10.542			
15067-26-2	Acenaphthene-d10	354000	14.389			
1517-22-2	Phenanthrene-d10	660000	17.183			
1719-03-5	Chrysene-d12	857000	21.636			
1520-96-3	Perylene-d12	1040000	25.006			

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	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
BF143582.D	1	08/22/25 10:34	08/22/25 19:50	PB169362

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	5.10	J	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	930	E	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	160	E	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	12.7		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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	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
BF143582.D	1	08/22/25 10:34	08/22/25 19:50	PB169362

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	61.2		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	2.60	J	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	13.0		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	17.2		0.52	5.20	ug/L
120-12-7	Anthracene	2.60	J	0.64	5.20	ug/L
86-74-8	Carbazole	5.80		0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	5.20	U	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	U	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	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
BF143582.D	1	08/22/25 10:34	08/22/25 19:50	PB169362

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	73.5		23 - 138	49%	SPK: 150
13127-88-3	Phenol-d6	53.5		10 - 134	36%	SPK: 150
4165-60-0	Nitrobenzene-d5	118		67 - 132	118%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.5		52 - 132	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		44 - 137	94%	SPK: 150
1718-51-0	Terphenyl-d14	101		42 - 152	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	98000	6.928			
1146-65-2	Naphthalene-d8	310000	8.228			
15067-26-2	Acenaphthene-d10	221000	9.963			
1517-22-2	Phenanthrene-d10	347000	11.451			
1719-03-5	Chrysene-d12	201000	14.092			
1520-96-3	Perylene-d12	183000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.25	ug/L
002175-91-9	1,3-Cyclopentadiene, 5-(1-methylet	290	J		5.44	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	28.6	J		5.79	ug/L
	unknown6.387	14.0	J		6.39	ug/L
	unknown6.751	40.5	J		6.75	ug/L
	unknown6.987	76.5	J		6.99	ug/L
	unknown7.034	14.1	J		7.03	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-05	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
BF143582.D	1	08/22/25 10:34	08/22/25 19:50	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
	unknown7.134	770	J		7.13	ug/L
	unknown7.193	35.4	J		7.19	ug/L
	unknown7.951	2.30	J		7.95	ug/L
90-12-0	1-Methylnaphthalene	240	J		9.03	ug/L
001127-76-0	Naphthalene, 1-ethyl-	8.40	J		9.47	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	15.6	J		9.54	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	18.7	J		9.62	ug/L
000581-42-0	Naphthalene, 2,6-dimethyl-	5.90	J		9.64	ug/L
000571-61-9	Naphthalene, 1,5-dimethyl-	8.90	J		9.74	ug/L
000090-15-3	1-Naphthalenol	7.10	J		10.1	ug/L
007469-77-4	1-Naphthalenol, 2-methyl-	8.80	J		10.6	ug/L
001484-12-4	9H-Carbazole, 9-methyl-	7.70	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL	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
BP025583.D	20	08/22/25 10:34	08/26/25 13:10	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	210	UD	81.5	210	ug/L
108-95-2	Phenol	100	UD	19.0	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	100	UD	16.9	100	ug/L
95-57-8	2-Chlorophenol	100	UD	12.1	100	ug/L
95-48-7	2-Methylphenol	100	UD	23.3	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	100	UD	26.7	100	ug/L
98-86-2	Acetophenone	100	UD	15.4	100	ug/L
65794-96-9	3+4-Methylphenols	210	UD	22.9	210	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.1	UD	29.4	52.1	ug/L
67-72-1	Hexachloroethane	100	UD	13.5	100	ug/L
98-95-3	Nitrobenzene	100	UD	15.8	100	ug/L
78-59-1	Isophorone	100	UD	15.6	100	ug/L
88-75-5	2-Nitrophenol	100	UD	36.7	100	ug/L
105-67-9	2,4-Dimethylphenol	100	UD	38.5	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	100	UD	14.2	100	ug/L
120-83-2	2,4-Dichlorophenol	100	UD	10.8	100	ug/L
91-20-3	Naphthalene	1800	ED	10.4	100	ug/L
106-47-8	4-Chloroaniline	100	UD	17.5	100	ug/L
87-68-3	Hexachlorobutadiene	100	UD	11.3	100	ug/L
105-60-2	Caprolactam	210	UD	23.5	210	ug/L
59-50-7	4-Chloro-3-methylphenol	100	UD	12.3	100	ug/L
91-57-6	2-Methylnaphthalene	180	D	11.7	100	ug/L
77-47-4	Hexachlorocyclopentadiene	210	UD	75.6	210	ug/L
88-06-2	2,4,6-Trichlorophenol	100	UD	10.6	100	ug/L
95-95-4	2,4,5-Trichlorophenol	100	UD	12.9	100	ug/L
92-52-4	1,1-Biphenyl	100	UD	11.0	100	ug/L
91-58-7	2-Chloronaphthalene	100	UD	12.7	100	ug/L
88-74-4	2-Nitroaniline	100	UD	26.3	100	ug/L
131-11-3	Dimethylphthalate	100	UD	12.7	100	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL	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
BP025583.D	20	08/22/25 10:34	08/26/25 13:10	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	100	UD	15.6	100	ug/L
606-20-2	2,6-Dinitrotoluene	100	UD	19.2	100	ug/L
99-09-2	3-Nitroaniline	100	UD	21.9	100	ug/L
83-32-9	Acenaphthene	72.5	JD	11.5	100	ug/L
51-28-5	2,4-Dinitrophenol	210	UD	120	210	ug/L
100-02-7	4-Nitrophenol	210	UD	49.6	210	ug/L
132-64-9	Dibenzofuran	100	UD	12.7	100	ug/L
121-14-2	2,4-Dinitrotoluene	100	UD	25.4	100	ug/L
84-66-2	Diethylphthalate	100	UD	14.4	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	100	UD	14.2	100	ug/L
86-73-7	Fluorene	100	UD	13.1	100	ug/L
100-01-6	4-Nitroaniline	100	UD	31.3	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	210	UD	60.0	210	ug/L
86-30-6	n-Nitrosodiphenylamine	100	UD	12.1	100	ug/L
101-55-3	4-Bromophenyl-phenylether	100	UD	8.30	100	ug/L
118-74-1	Hexachlorobenzene	100	UD	10.8	100	ug/L
1912-24-9	Atrazine	100	UD	21.0	100	ug/L
87-86-5	Pentachlorophenol	210	UD	32.9	210	ug/L
85-01-8	Phenanthrene	100	UD	10.4	100	ug/L
120-12-7	Anthracene	100	UD	12.7	100	ug/L
86-74-8	Carbazole	100	UD	15.0	100	ug/L
84-74-2	Di-n-butylphthalate	100	UD	25.4	100	ug/L
206-44-0	Fluoranthene	100	UD	17.1	100	ug/L
129-00-0	Pyrene	100	UD	10.4	100	ug/L
85-68-7	Butylbenzylphthalate	100	UD	40.2	100	ug/L
91-94-1	3,3-Dichlorobenzidine	210	UD	19.4	210	ug/L
56-55-3	Benzo(a)anthracene	100	UD	9.40	100	ug/L
218-01-9	Chrysene	100	UD	9.20	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	100	UD	33.3	100	ug/L
117-84-0	Di-n-octyl phthalate	210	UD	48.8	210	ug/L
205-99-2	Benzo(b)fluoranthene	100	UD	10.2	100	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL	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
BP025583.D	20	08/22/25 10:34	08/26/25 13:10	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	100	UD	10.0	100	ug/L
50-32-8	Benzo(a)pyrene	100	UD	11.5	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	100	UD	12.3	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	100	UD	14.0	100	ug/L
191-24-2	Benzo(g,h,i)perylene	100	UD	14.4	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	100	UD	10.8	100	ug/L
123-91-1	1,4-Dioxane	100	UD	20.8	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	100	UD	15.0	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	80.0		23 - 138	53%	SPK: 150
13127-88-3	Phenol-d6	51.4		10 - 134	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.6		67 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.6		52 - 132	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		44 - 137	100%	SPK: 150
1718-51-0	Terphenyl-d14	93.2		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	167000	7.772			
1146-65-2	Naphthalene-d8	645000	10.549			
15067-26-2	Acenaphthene-d10	404000	14.39			
1517-22-2	Phenanthrene-d10	820000	17.189			
1719-03-5	Chrysene-d12	923000	21.63			
1520-96-3	Perylene-d12	1100000	24.995			

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,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL2	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
BP025586.D	40	08/22/25 10:34	08/26/25 15:14	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	420	UD	160	420	ug/L
108-95-2	Phenol	210	UD	37.9	210	ug/L
111-44-4	bis(2-Chloroethyl)ether	210	UD	33.8	210	ug/L
95-57-8	2-Chlorophenol	210	UD	24.2	210	ug/L
95-48-7	2-Methylphenol	210	UD	46.7	210	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	210	UD	53.3	210	ug/L
98-86-2	Acetophenone	210	UD	30.8	210	ug/L
65794-96-9	3+4-Methylphenols	420	UD	45.8	420	ug/L
621-64-7	n-Nitroso-di-n-propylamine	100	UD	58.8	100	ug/L
67-72-1	Hexachloroethane	210	UD	27.1	210	ug/L
98-95-3	Nitrobenzene	210	UD	31.7	210	ug/L
78-59-1	Isophorone	210	UD	31.3	210	ug/L
88-75-5	2-Nitrophenol	210	UD	73.3	210	ug/L
105-67-9	2,4-Dimethylphenol	210	UD	77.1	210	ug/L
111-91-1	bis(2-Chloroethoxy)methane	210	UD	28.3	210	ug/L
120-83-2	2,4-Dichlorophenol	210	UD	21.7	210	ug/L
91-20-3	Naphthalene	1800	D	20.8	210	ug/L
106-47-8	4-Chloroaniline	210	UD	35.0	210	ug/L
87-68-3	Hexachlorobutadiene	210	UD	22.5	210	ug/L
105-60-2	Caprolactam	420	UD	47.1	420	ug/L
59-50-7	4-Chloro-3-methylphenol	210	UD	24.6	210	ug/L
91-57-6	2-Methylnaphthalene	180	JD	23.3	210	ug/L
77-47-4	Hexachlorocyclopentadiene	420	UD	150	420	ug/L
88-06-2	2,4,6-Trichlorophenol	210	UD	21.3	210	ug/L
95-95-4	2,4,5-Trichlorophenol	210	UD	25.8	210	ug/L
92-52-4	1,1-Biphenyl	210	UD	22.1	210	ug/L
91-58-7	2-Chloronaphthalene	210	UD	25.4	210	ug/L
88-74-4	2-Nitroaniline	210	UD	52.5	210	ug/L
131-11-3	Dimethylphthalate	210	UD	25.4	210	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL2	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
BP025586.D	40	08/22/25 10:34	08/26/25 15:14	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	210	UD	31.3	210	ug/L
606-20-2	2,6-Dinitrotoluene	210	UD	38.3	210	ug/L
99-09-2	3-Nitroaniline	210	UD	43.8	210	ug/L
83-32-9	Acenaphthene	210	UD	22.9	210	ug/L
51-28-5	2,4-Dinitrophenol	420	UD	250	420	ug/L
100-02-7	4-Nitrophenol	420	UD	99.2	420	ug/L
132-64-9	Dibenzofuran	210	UD	25.4	210	ug/L
121-14-2	2,4-Dinitrotoluene	210	UD	50.8	210	ug/L
84-66-2	Diethylphthalate	210	UD	28.8	210	ug/L
7005-72-3	4-Chlorophenyl-phenylether	210	UD	28.3	210	ug/L
86-73-7	Fluorene	210	UD	26.3	210	ug/L
100-01-6	4-Nitroaniline	210	UD	62.5	210	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	420	UD	120	420	ug/L
86-30-6	n-Nitrosodiphenylamine	210	UD	24.2	210	ug/L
101-55-3	4-Bromophenyl-phenylether	210	UD	16.7	210	ug/L
118-74-1	Hexachlorobenzene	210	UD	21.7	210	ug/L
1912-24-9	Atrazine	210	UD	42.1	210	ug/L
87-86-5	Pentachlorophenol	420	UD	65.8	420	ug/L
85-01-8	Phenanthrene	210	UD	20.8	210	ug/L
120-12-7	Anthracene	210	UD	25.4	210	ug/L
86-74-8	Carbazole	210	UD	30.0	210	ug/L
84-74-2	Di-n-butylphthalate	210	UD	50.8	210	ug/L
206-44-0	Fluoranthene	210	UD	34.2	210	ug/L
129-00-0	Pyrene	210	UD	20.8	210	ug/L
85-68-7	Butylbenzylphthalate	210	UD	80.4	210	ug/L
91-94-1	3,3-Dichlorobenzidine	420	UD	38.8	420	ug/L
56-55-3	Benzo(a)anthracene	210	UD	18.8	210	ug/L
218-01-9	Chrysene	210	UD	18.3	210	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	210	UD	66.7	210	ug/L
117-84-0	Di-n-octyl phthalate	420	UD	97.5	420	ug/L
205-99-2	Benzo(b)fluoranthene	210	UD	20.4	210	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2B-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL2	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
BP025586.D	40	08/22/25 10:34	08/26/25 15:14	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	210	UD	20.0	210	ug/L
50-32-8	Benzo(a)pyrene	210	UD	22.9	210	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	210	UD	24.6	210	ug/L
53-70-3	Dibenzo(a,h)anthracene	210	UD	27.9	210	ug/L
191-24-2	Benzo(g,h,i)perylene	210	UD	28.8	210	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	210	UD	21.7	210	ug/L
123-91-1	1,4-Dioxane	210	UD	41.7	210	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	210	UD	30.0	210	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	79.8		23 - 138	53%	SPK: 150
13127-88-3	Phenol-d6	48.0		10 - 134	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.4		67 - 132	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.2		52 - 132	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	101		42 - 152	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.778			
1146-65-2	Naphthalene-d8	701000	10.543			
15067-26-2	Acenaphthene-d10	444000	14.389			
1517-22-2	Phenanthrene-d10	857000	17.189			
1719-03-5	Chrysene-d12	880000	21.63			
1520-96-3	Perylene-d12	1060000	24.989			

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
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() = Laboratory InHouse Limit
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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	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
BP025590.D	1	08/22/25 10:34	08/26/25 17:59	PB169362

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	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
BP025590.D	1	08/22/25 10:34	08/26/25 17:59	PB169362

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	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
BP025590.D	1	08/22/25 10:34	08/26/25 17:59	PB169362

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	64.6		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	39.1		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.4		67 - 132	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.0		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		44 - 137	94%	SPK: 150
1718-51-0	Terphenyl-d14	77.0		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	209000	7.778			
1146-65-2	Naphthalene-d8	834000	10.543			
15067-26-2	Acenaphthene-d10	541000	14.384			
1517-22-2	Phenanthrene-d10	1090000	17.19			
1719-03-5	Chrysene-d12	1130000	21.642			
1520-96-3	Perylene-d12	1290000	25.001			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	96.5	J		3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.90	AB		4.94	ug/L
001638-16-0	2-Propanol, 1,1-[(1-methyl-1,2-et	4.20	J		11.1	ug/L
000106-62-7	1-Propanol, 2-(2-hydroxypropoxy)-	3.70	J		11.1	ug/L
054966-46-0	Butanoic acid, 4-(2-methoxy-1-meth	2.70	J		11.3	ug/L
	unknown12.196	17.6	J		12.2	ug/L
004455-26-9	1-Octanamine, N-methyl-N-octyl-	2.90	J		16.4	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-2A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-06	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
BP025590.D	1	08/22/25 10:34	08/26/25 17:59	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
004606-07-9	Ethyl cyclopropanecarboxylate	17.2	J		16.7	ug/L
019437-26-4	di-2-Pyridyl ketone	5.00	J		17.9	ug/L
000057-10-3	n-Hexadecanoic acid	4.30	J		18.1	ug/L
	unknown19.683	4.80	J		19.7	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

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

Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	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
BF143603.D	1	08/22/25 10:34	08/27/25 12:52	PB169362

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

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Client Sample ID:	MW-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	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
BF143603.D	1	08/22/25 10:34	08/27/25 12:52	PB169362

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	U	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	U	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	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
BF143603.D	1	08/22/25 10:34	08/27/25 12:52	PB169362

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	67.3		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.9		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	113		67 - 132	113%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.1		52 - 132	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	96.9		42 - 152	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	107000	6.892			
1146-65-2	Naphthalene-d8	403000	8.169			
15067-26-2	Acenaphthene-d10	213000	9.922			
1517-22-2	Phenanthrene-d10	298000	11.41			
1719-03-5	Chrysene-d12	161000	14.045			
1520-96-3	Perylene-d12	219000	15.521			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.80	AB		5.11	ug/L
000119-61-9	Benzophenone	2.30	J		10.6	ug/L
000057-10-3	n-Hexadecanoic acid	2.70	J		11.9	ug/L
000373-49-9	Palmitoleic acid	2.30	J		12.6	ug/L

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Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-18C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-07	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
BF143603.D	1	08/22/25 10:34	08/27/25 12:52	PB169362

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 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
BP025588.D	1	08/22/25 10:34	08/26/25 16:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.0	U	4.30	11.0	ug/L
108-95-2	Phenol	5.50	U	1.00	5.50	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.50	U	0.89	5.50	ug/L
95-57-8	2-Chlorophenol	5.50	U	0.64	5.50	ug/L
95-48-7	2-Methylphenol	5.50	U	1.20	5.50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.50	U	1.40	5.50	ug/L
98-86-2	Acetophenone	5.50	U	0.81	5.50	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	1.20	11.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.50	U	0.71	5.50	ug/L
98-95-3	Nitrobenzene	5.50	U	0.84	5.50	ug/L
78-59-1	Isophorone	5.50	U	0.82	5.50	ug/L
88-75-5	2-Nitrophenol	5.50	U	1.90	5.50	ug/L
105-67-9	2,4-Dimethylphenol	5.50	U	2.00	5.50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.50	U	0.75	5.50	ug/L
120-83-2	2,4-Dichlorophenol	5.50	U	0.57	5.50	ug/L
91-20-3	Naphthalene	5.50	U	0.55	5.50	ug/L
106-47-8	4-Chloroaniline	5.50	U	0.92	5.50	ug/L
87-68-3	Hexachlorobutadiene	5.50	U	0.59	5.50	ug/L
105-60-2	Caprolactam	11.0	U	1.20	11.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.50	U	0.65	5.50	ug/L
91-57-6	2-Methylnaphthalene	5.50	U	0.62	5.50	ug/L
77-47-4	Hexachlorocyclopentadiene	11.0	U	4.00	11.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.50	U	0.56	5.50	ug/L
95-95-4	2,4,5-Trichlorophenol	5.50	U	0.68	5.50	ug/L
92-52-4	1,1-Biphenyl	5.50	U	0.58	5.50	ug/L
91-58-7	2-Chloronaphthalene	5.50	U	0.67	5.50	ug/L
88-74-4	2-Nitroaniline	5.50	U	1.40	5.50	ug/L
131-11-3	Dimethylphthalate	5.50	U	0.67	5.50	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 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
BP025588.D	1	08/22/25 10:34	08/26/25 16:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.50	U	0.82	5.50	ug/L
606-20-2	2,6-Dinitrotoluene	5.50	U	1.00	5.50	ug/L
99-09-2	3-Nitroaniline	5.50	U	1.20	5.50	ug/L
83-32-9	Acenaphthene	5.50	U	0.60	5.50	ug/L
51-28-5	2,4-Dinitrophenol	11.0	U	6.60	11.0	ug/L
100-02-7	4-Nitrophenol	11.0	U	2.60	11.0	ug/L
132-64-9	Dibenzofuran	5.50	U	0.67	5.50	ug/L
121-14-2	2,4-Dinitrotoluene	5.50	U	1.30	5.50	ug/L
84-66-2	Diethylphthalate	5.50	U	0.76	5.50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.50	U	0.75	5.50	ug/L
86-73-7	Fluorene	5.50	U	0.69	5.50	ug/L
100-01-6	4-Nitroaniline	5.50	U	1.60	5.50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.0	U	3.20	11.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.50	U	0.64	5.50	ug/L
101-55-3	4-Bromophenyl-phenylether	5.50	U	0.44	5.50	ug/L
118-74-1	Hexachlorobenzene	5.50	U	0.57	5.50	ug/L
1912-24-9	Atrazine	5.50	U	1.10	5.50	ug/L
87-86-5	Pentachlorophenol	11.0	U	1.70	11.0	ug/L
85-01-8	Phenanthrene	5.50	U	0.55	5.50	ug/L
120-12-7	Anthracene	5.50	U	0.67	5.50	ug/L
86-74-8	Carbazole	5.50	U	0.79	5.50	ug/L
84-74-2	Di-n-butylphthalate	5.50	U	1.30	5.50	ug/L
206-44-0	Fluoranthene	5.50	U	0.90	5.50	ug/L
129-00-0	Pyrene	5.50	U	0.55	5.50	ug/L
85-68-7	Butylbenzylphthalate	5.50	U	2.10	5.50	ug/L
91-94-1	3,3-Dichlorobenzidine	11.0	U	1.00	11.0	ug/L
56-55-3	Benzo(a)anthracene	5.50	U	0.49	5.50	ug/L
218-01-9	Chrysene	5.50	U	0.48	5.50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.50	U	1.80	5.50	ug/L
117-84-0	Di-n-octyl phthalate	11.0	U	2.60	11.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.50	U	0.54	5.50	ug/L

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Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 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
BP025588.D	1	08/22/25 10:34	08/26/25 16:37	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.50	U	0.53	5.50	ug/L
50-32-8	Benzo(a)pyrene	5.50	U	0.60	5.50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.50	U	0.65	5.50	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.50	U	0.74	5.50	ug/L
191-24-2	Benzo(g,h,i)perylene	5.50	U	0.76	5.50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.50	U	0.57	5.50	ug/L
123-91-1	1,4-Dioxane	5.50	U	1.10	5.50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.50	U	0.79	5.50	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	59.0		23 - 138	39%	SPK: 150
13127-88-3	Phenol-d6	34.9		10 - 134	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.0		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.7		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	145		44 - 137	97%	SPK: 150
1718-51-0	Terphenyl-d14	72.4		42 - 152	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	195000	7.778			
1146-65-2	Naphthalene-d8	751000	10.549			
15067-26-2	Acenaphthene-d10	492000	14.389			
1517-22-2	Phenanthrene-d10	1020000	17.195			
1719-03-5	Chrysene-d12	1120000	21.642			
1520-96-3	Perylene-d12	1310000	25.018			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		3.03	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.60	AB		4.94	ug/L
000057-10-3	n-Hexadecanoic acid	5.20	J		18.1	ug/L
013126-39-1	cis-13-Octadecenoic acid	7.30	J		19.3	ug/L

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Report of Analysis

Client:	AECOM			Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY			Date Received:	08/20/25
Client Sample ID:	MW-16A-082025			SDG No.:	Q2924
Lab Sample ID:	Q2924-08			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	910	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
BP025588.D	1	08/22/25 10:34	08/26/25 16:37	PB169362

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	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
BP025589.D	1	08/22/25 10:34	08/26/25 17:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.6	U	4.20	10.6	ug/L
108-95-2	Phenol	5.30	U	0.97	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.30	U	0.86	5.30	ug/L
95-57-8	2-Chlorophenol	5.30	U	0.62	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	1.40	5.30	ug/L
98-86-2	Acetophenone	5.30	U	0.79	5.30	ug/L
65794-96-9	3+4-Methylphenols	10.6	U	1.20	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.30	U	0.69	5.30	ug/L
98-95-3	Nitrobenzene	5.30	U	0.81	5.30	ug/L
78-59-1	Isophorone	5.30	U	0.80	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	2.00	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	0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	5.30	U	0.57	5.30	ug/L
105-60-2	Caprolactam	10.6	U	1.20	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	5.30	U	0.63	5.30	ug/L
91-57-6	2-Methylnaphthalene	5.30	U	0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	10.6	U	3.90	10.6	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	0.66	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	0.65	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	0.65	5.30	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	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
BP025589.D	1	08/22/25 10:34	08/26/25 17:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.30	U	0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	5.30	U	0.98	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	0.59	5.30	ug/L
51-28-5	2,4-Dinitrophenol	10.6	U	6.40	10.6	ug/L
100-02-7	4-Nitrophenol	10.6	U	2.50	10.6	ug/L
132-64-9	Dibenzofuran	5.30	U	0.65	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	0.67	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	10.6	U	3.10	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	5.30	U	0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	5.30	U	0.43	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	10.6	U	1.70	10.6	ug/L
85-01-8	Phenanthrene	5.30	U	0.53	5.30	ug/L
120-12-7	Anthracene	5.30	U	0.65	5.30	ug/L
86-74-8	Carbazole	5.30	U	0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	5.30	U	1.30	5.30	ug/L
206-44-0	Fluoranthene	5.30	U	0.87	5.30	ug/L
129-00-0	Pyrene	5.30	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	5.30	U	2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.6	U	0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	5.30	U	0.48	5.30	ug/L
218-01-9	Chrysene	5.30	U	0.47	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	10.6	U	2.50	10.6	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	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
BP025589.D	1	08/22/25 10:34	08/26/25 17:18	PB169362

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	0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	U	0.63	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	0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	64.9		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	39.6		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.7		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.7		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		44 - 137	94%	SPK: 150
1718-51-0	Terphenyl-d14	76.3		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	201000	7.772			
1146-65-2	Naphthalene-d8	791000	10.549			
15067-26-2	Acenaphthene-d10	502000	14.395			
1517-22-2	Phenanthrene-d10	1000000	17.195			
1719-03-5	Chrysene-d12	1070000	21.63			
1520-96-3	Perylene-d12	1230000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		3.03	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.30	AB		4.94	ug/L
000617-94-7	Benzenemethanol, .alpha.,.alpha.-d	2.90	J		8.87	ug/L
1010189-31-0	2,3,4,5,6,7-Hexahydro-1H-cyclopent	2.60	J		10.6	ug/L
215057-28-6	3-(2,3-Dihydro-1-benzofuran-5-yl)p	3.90	J		11.1	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	2.90	J		11.5	ug/L
000057-10-3	n-Hexadecanoic acid	4.00	J		18.1	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-16C-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-09	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
BP025589.D	1	08/22/25 10:34	08/26/25 17:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000112-86-7	Erucic acid	2.70	J		19.3	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 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
BP025552.D	1	08/22/25 10:34	08/22/25 16:58	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.8	U	4.20	10.8	ug/L
108-95-2	Phenol	5.40	U	0.98	5.40	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.40	U	0.87	5.40	ug/L
95-57-8	2-Chlorophenol	5.40	U	0.62	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	10.8	U	1.20	10.8	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	0.70	5.40	ug/L
98-95-3	Nitrobenzene	5.40	U	0.82	5.40	ug/L
78-59-1	Isophorone	5.40	U	0.81	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	0.73	5.40	ug/L
120-83-2	2,4-Dichlorophenol	5.40	U	0.56	5.40	ug/L
91-20-3	Naphthalene	5.40	U	0.54	5.40	ug/L
106-47-8	4-Chloroaniline	5.40	U	0.90	5.40	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	0.58	5.40	ug/L
105-60-2	Caprolactam	10.8	U	1.20	10.8	ug/L
59-50-7	4-Chloro-3-methylphenol	5.40	U	0.63	5.40	ug/L
91-57-6	2-Methylnaphthalene	5.40	U	0.60	5.40	ug/L
77-47-4	Hexachlorocyclopentadiene	10.8	U	3.90	10.8	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	0.57	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 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
BP025552.D	1	08/22/25 10:34	08/22/25 16:58	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.40	U	0.81	5.40	ug/L
606-20-2	2,6-Dinitrotoluene	5.40	U	0.99	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	0.59	5.40	ug/L
51-28-5	2,4-Dinitrophenol	10.8	U	6.40	10.8	ug/L
100-02-7	4-Nitrophenol	10.8	U	2.60	10.8	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	0.74	5.40	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.40	U	0.73	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	10.8	U	3.10	10.8	ug/L
86-30-6	n-Nitrosodiphenylamine	5.40	U	0.62	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	0.56	5.40	ug/L
1912-24-9	Atrazine	5.40	U	1.10	5.40	ug/L
87-86-5	Pentachlorophenol	10.8	U	1.70	10.8	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	0.77	5.40	ug/L
84-74-2	Di-n-butylphthalate	5.40	U	1.30	5.40	ug/L
206-44-0	Fluoranthene	5.40	U	0.88	5.40	ug/L
129-00-0	Pyrene	5.40	U	0.54	5.40	ug/L
85-68-7	Butylbenzylphthalate	5.40	U	2.10	5.40	ug/L
91-94-1	3,3-Dichlorobenzidine	10.8	U	1.00	10.8	ug/L
56-55-3	Benzo(a)anthracene	5.40	U	0.48	5.40	ug/L
218-01-9	Chrysene	5.40	U	0.47	5.40	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.40	U	1.70	5.40	ug/L
117-84-0	Di-n-octyl phthalate	10.8	U	2.50	10.8	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 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
BP025552.D	1	08/22/25 10:34	08/22/25 16:58	PB169362

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	0.59	5.40	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.40	U	0.63	5.40	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.40	U	0.72	5.40	ug/L
191-24-2	Benzo(g,h,i)perylene	5.40	U	0.74	5.40	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.40	U	0.56	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	0.77	5.40	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	64.1		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	39.6		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.7		67 - 132	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	74.9		42 - 152	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	178000	7.778			
1146-65-2	Naphthalene-d8	716000	10.543			
15067-26-2	Acenaphthene-d10	464000	14.384			
1517-22-2	Phenanthrene-d10	972000	17.183			
1719-03-5	Chrysene-d12	995000	21.63			
1520-96-3	Perylene-d12	1120000	24.989			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		3.03	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.40	AB		4.94	ug/L
000119-61-9	Benzophenone	2.80	J		15.8	ug/L
000057-10-3	n-Hexadecanoic acid	5.30	J		18.1	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-8A-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 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
BP025552.D	1	08/22/25 10:34	08/22/25 16:58	PB169362

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	FB-01-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-11	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
BF143601.D	1	08/22/25 10:34	08/27/25 11:53	PB169362

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	FB-01-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-11	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
BF143601.D	1	08/22/25 10:34	08/27/25 11:53	PB169362

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	U	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	U	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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	FB-01-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-11	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
BF143601.D	1	08/22/25 10:34	08/27/25 11:53	PB169362

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	66.7		23 - 138	44%	SPK: 150
13127-88-3	Phenol-d6	42.0		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	114		67 - 132	114%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.8		52 - 132	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	99.4		42 - 152	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	111000	6.893			
1146-65-2	Naphthalene-d8	429000	8.169			
15067-26-2	Acenaphthene-d10	235000	9.922			
1517-22-2	Phenanthrene-d10	345000	11.41			
1719-03-5	Chrysene-d12	186000	14.045			
1520-96-3	Perylene-d12	227000	15.521			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.90	AB		5.11	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	FB-01-082025	SDG No.:	Q2924
Lab Sample ID:	Q2924-11	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
BF143601.D	1	08/22/25 10:34	08/27/25 11:53	PB169362

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

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Surrogate Summary

SW-846

SDG No.: Q2924

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169362BL	PB169362BL	2-Fluorophenol	150	125	83		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	75.8	76		67	132
		2-Fluorobiphenyl	100	73.3	73		52	132
		2,4,6-Tribromophenol	150	123	82		44	137
		Terphenyl-d14	100	70.1	70		42	152
PB169362BS	PB169362BS	2-Fluorophenol	150	116	77		23	138
		Phenol-d6	150	113	75		10	134
		Nitrobenzene-d5	100	72.1	72		67	132
		2-Fluorobiphenyl	100	70.9	71		52	132
		2,4,6-Tribromophenol	150	119	80		44	137
		Terphenyl-d14	100	75.5	75		42	152
Q2924-01	MW-10C-082025	2-Fluorophenol	150	59.1	39		23	138
		Phenol-d6	150	38.3	26		10	134
		Nitrobenzene-d5	100	99.8	100		67	132
		2-Fluorobiphenyl	100	88.3	88		52	132
		2,4,6-Tribromophenol	150	151	101		44	137
		Terphenyl-d14	100	102	102		42	152
Q2924-02	MW-201-082025	2-Fluorophenol	150	65.2	43		23	138
		Phenol-d6	150	38.7	26		10	134
		Nitrobenzene-d5	100	171	171	*	67	132
		2-Fluorobiphenyl	100	78.8	79		52	132
		2,4,6-Tribromophenol	150	136	91		44	137
		Terphenyl-d14	100	74.0	74		42	152
Q2924-02DL	MW-201-082025DL	2-Fluorophenol	150	63.7	42		23	138
		Phenol-d6	150	31.8	21		10	134
		Nitrobenzene-d5	100	77.1	77		67	132
		2-Fluorobiphenyl	100	83.0	83		52	132
		2,4,6-Tribromophenol	150	114	76		44	137
		Terphenyl-d14	100	77.0	77		42	152
Q2924-02DL2	MW-201-082025DL2	2-Fluorophenol	150	67.8	45		23	138
		Phenol-d6	150	14.0	9	*	10	134
		Nitrobenzene-d5	100	69.0	69		67	132
		2-Fluorobiphenyl	100	76.2	76		52	132
		2,4,6-Tribromophenol	150	91.2	61		44	137
		Terphenyl-d14	100	73.4	73		42	152
Q2924-03MS	MW-201-082025MS	2-Fluorophenol	150	67.6	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	148	148	*	67	132
		2-Fluorobiphenyl	100	79.6	80		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	76.9	77		42	152
Q2924-04MSD	MW-201-082025MSD	2-Fluorophenol	150	67.4	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	149	149	*	67	132
		2-Fluorobiphenyl	100	78.1	78		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	76.2	76		42	152
Q2924-05	MW-2B-082025	2-Fluorophenol	150	73.5	49		23	138
		Phenol-d6	150	53.5	36		10	134
		Nitrobenzene-d5	100	118	118		67	132

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Surrogate Summary

SW-846

SDG No.: Q2924

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2924-05	MW-2B-082025	2-Fluorobiphenyl	100	87.5	87		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	101	101		42	152
Q2924-05DL	MW-2B-082025DL	2-Fluorophenol	150	80.0	53		23	138
		Phenol-d6	150	51.4	34		10	134
		Nitrobenzene-d5	100	85.6	86		67	132
		2-Fluorobiphenyl	100	90.6	91		52	132
		2,4,6-Tribromophenol	150	150	100		44	137
		Terphenyl-d14	100	93.2	93		42	152
Q2924-05DL2	MW-2B-082025DL2	2-Fluorophenol	150	79.8	53		23	138
		Phenol-d6	150	48.0	32		10	134
		Nitrobenzene-d5	100	80.4	80		67	132
		2-Fluorobiphenyl	100	91.2	91		52	132
		2,4,6-Tribromophenol	150	139	93		44	137
		Terphenyl-d14	100	101	101		42	152
Q2924-06	MW-2A-082025	2-Fluorophenol	150	64.6	43		23	138
		Phenol-d6	150	39.1	26		10	134
		Nitrobenzene-d5	100	83.4	83		67	132
		2-Fluorobiphenyl	100	78.0	78		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	77.0	77		42	152
Q2924-07	MW-18C-082025	2-Fluorophenol	150	67.3	45		23	138
		Phenol-d6	150	41.9	28		10	134
		Nitrobenzene-d5	100	113	113		67	132
		2-Fluorobiphenyl	100	95.1	95		52	132
		2,4,6-Tribromophenol	150	142	95		44	137
		Terphenyl-d14	100	96.9	97		42	152
Q2924-08	MW-16A-082025	2-Fluorophenol	150	59.0	39		23	138
		Phenol-d6	150	34.9	23		10	134
		Nitrobenzene-d5	100	84.0	84		67	132
		2-Fluorobiphenyl	100	77.7	78		52	132
		2,4,6-Tribromophenol	150	145	97		44	137
		Terphenyl-d14	100	72.4	72		42	152
Q2924-09	MW-16C-082025	2-Fluorophenol	150	64.9	43		23	138
		Phenol-d6	150	39.6	26		10	134
		Nitrobenzene-d5	100	83.7	84		67	132
		2-Fluorobiphenyl	100	79.7	80		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	76.3	76		42	152
Q2924-10	MW-8A-082025	2-Fluorophenol	150	64.1	43		23	138
		Phenol-d6	150	39.6	26		10	134
		Nitrobenzene-d5	100	84.7	85		67	132
		2-Fluorobiphenyl	100	77.8	78		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	74.9	75		42	152
Q2924-11	FB-01-082025	2-Fluorophenol	150	66.7	44		23	138
		Phenol-d6	150	42.0	28		10	134
		Nitrobenzene-d5	100	114	114		67	132
		2-Fluorobiphenyl	100	93.8	94		52	132
		2,4,6-Tribromophenol	150	147	98		44	137
		Terphenyl-d14	100	99.4	99		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2924-03MS		**Client Sample ID: MW-201-082025MS**									
Benzaldehyde	51.5	0	38.4	ug/L	75				10	137	
Phenol	51.5	0	16.0	ug/L	31				10	130	
bis(2-Chloroethyl)ether	51.5	0	44.3	ug/L	86				29	141	
2-Chlorophenol	51.5	0	39.6	ug/L	77				23	127	
2-Methylphenol	51.5	0	33.8	ug/L	66				60	131	
2,2-oxybis(1-Chloropropane)	51.5	0	17.1	ug/L	33	*			36	141	
Acetophenone	51.5	0	87.5	ug/L	170	*			31	164	
3+4-Methylphenols	51.5	10.0	40.9	ug/L	60				54	136	
N-Nitroso-di-n-propylamine	51.5	0	42.2	ug/L	82				36	147	
Hexachloroethane	51.5	0	93.2	ug/L	181	*			19	146	
Nitrobenzene	51.5	0	85.8	ug/L	167	*			62	112	
Isophorone	51.5	0	81.7	ug/L	159	*			39	146	
2-Nitrophenol	51.5	0	86.6	ug/L	168	*			30	148	
2,4-Dimethylphenol	51.5	0	75.6	ug/L	147	*			17	143	
bis(2-Chloroethoxy)methane	51.5	0	70.3	ug/L	137				39	143	
2,4-Dichlorophenol	51.5	0	80.6	ug/L	157	*			22	146	
Naphthalene	51.5	3100	2700	ug/L	-777	*			17	157	
4-Chloroaniline	51.5	0	28.5	ug/L	55				10	95	
Hexachlorobutadiene	51.5	0	71.5	ug/L	139	*			52	125	
Caprolactam	51.5	0	16.7	ug/L	32				10	130	
4-Chloro-3-methylphenol	51.5	0	76.5	ug/L	149	*			17	148	
2-Methylnaphthalene	51.5	920	800	ug/L	-233	*			38	146	
Hexachlorocyclopentadiene	100	0	79.7	ug/L	80				20	153	
2,4,6-Trichlorophenol	51.5	0	50.2	ug/L	97				78	112	
2,4,5-Trichlorophenol	51.5	0	49.4	ug/L	96				71	111	
1,1-Biphenyl	51.5	26.0	69.6	ug/L	85				38	154	
2-Chloronaphthalene	51.5	0	48.9	ug/L	95				41	145	
2-Nitroaniline	51.5	0	54.1	ug/L	105				39	151	
Dimethylphthalate	51.5	0	48.7	ug/L	95				42	147	
Acenaphthylene	51.5	160	190	ug/L	58				40	141	
2,6-Dinitrotoluene	51.5	0	51.4	ug/L	100				43	148	
3-Nitroaniline	51.5	0	31.7	ug/L	62				10	111	
Acenaphthene	51.5	8.70	54.7	ug/L	89				37	146	
2,4-Dinitrophenol	100	0	120	ug/L	120				14	167	
4-Nitrophenol	100	0	42.0	ug/L	42				10	130	
Dibenzofuran	51.5	4.00	51.3	ug/L	92				41	145	
2,4-Dinitrotoluene	51.5	0	53.3	ug/L	103				74	137	
Diethylphthalate	51.5	2.10	50.3	ug/L	94				41	148	
4-Chlorophenyl-phenylether	51.5	0	48.5	ug/L	94				38	149	
Fluorene	51.5	27.4	67.1	ug/L	77				39	144	
4-Nitroaniline	51.5	0	48.5	ug/L	94				27	138	
4,6-Dinitro-2-methylphenol	51.5	0	55.1	ug/L	107				32	175	
N-Nitrosodiphenylamine	51.5	0	51.1	ug/L	99				40	150	
4-Bromophenyl-phenylether	51.5	0	51.5	ug/L	100				42	151	
Hexachlorobenzene	51.5	0	52.5	ug/L	102				72	115	
Atrazine	51.5	0	47.8	ug/L	93				20	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	110	ug/L	110				52	162	
Phenanthrene	51.5	29.6	65.4	ug/L	70				40	147	
Anthracene	51.5	6.10	53.4	ug/L	92				41	146	
Carbazole	51.5	13.8	61.7	ug/L	93				37	154	
Di-n-butylphthalate	51.5	2.70	51.3	ug/L	94				40	151	
Fluoranthene	51.5	2.30	51.0	ug/L	95				42	146	
Pyrene	51.5	3.00	50.5	ug/L	92				41	149	
Butylbenzylphthalate	51.5	0	51.2	ug/L	99				39	155	
3,3-Dichlorobenzidine	51.5	0	41.5	ug/L	81				10	114	
Benzo(a)anthracene	51.5	0	49.5	ug/L	96				41	147	
Chrysene	51.5	0	50.0	ug/L	97				44	144	
bis(2-Ethylhexyl)phthalate	51.5	0	48.4	ug/L	94				33	160	
Di-n-octyl phthalate	51.5	0	51.0	ug/L	99				36	158	
Benzo(b)fluoranthene	51.5	0	50.0	ug/L	97				40	150	
Benzo(k)fluoranthene	51.5	0	49.1	ug/L	95				40	147	
Benzo(a)pyrene	51.5	0	49.3	ug/L	96				42	147	
Indeno(1,2,3-cd)pyrene	51.5	0	50.1	ug/L	97				30	166	
Dibenz(a,h)anthracene	51.5	0	51.0	ug/L	99				23	172	
Benzo(g,h,i)perylene	51.5	0	50.2	ug/L	97				27	167	
1,2,4,5-Tetrachlorobenzene	51.5	0	50.1	ug/L	97				89	102	
1,4-Dioxane	51.5	0	21.2	ug/L	41				38	130	
2,3,4,6-Tetrachlorophenol	51.5	0	51.1	ug/L	99				91	111	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2924-04MSD		**Client Sample ID: MW-201-082025MSD**									
Benzaldehyde	52.6	0	37.7	ug/L	72		4		10	137	20
Phenol	52.6	0	16.4	ug/L	31		0		10	130	20
bis(2-Chloroethyl)ether	52.6	0	44.2	ug/L	84		2		29	141	20
2-Chlorophenol	52.6	0	39.6	ug/L	75		3		23	127	20
2-Methylphenol	52.6	0	34.5	ug/L	66		0		60	131	20
2,2-oxybis(1-Chloropropane)	52.6	0	18.4	ug/L	35	*	6		36	141	20
Acetophenone	52.6	0	90.6	ug/L	172	*	1		31	164	20
3+4-Methylphenols	52.6	10.0	41.7	ug/L	60		0		54	136	20
N-Nitroso-di-n-propylamine	52.6	0	43.2	ug/L	82		0		36	147	20
Hexachloroethane	52.6	0	96.9	ug/L	184	*	2		19	146	20
Nitrobenzene	52.6	0	89.1	ug/L	169	*	1		62	112	20
Isophorone	52.6	0	85.0	ug/L	162	*	2		39	146	20
2-Nitrophenol	52.6	0	90.4	ug/L	172	*	2		30	148	20
2,4-Dimethylphenol	52.6	0	78.4	ug/L	149	*	1		17	143	20
bis(2-Chloroethoxy)methane	52.6	0	75.2	ug/L	143		4		39	143	20
2,4-Dichlorophenol	52.6	0	85.1	ug/L	162	*	3		22	146	20
Naphthalene	52.6	3100	3000	ug/L	-190	*	121	*	17	157	20
4-Chloroaniline	52.6	0	31.3	ug/L	60		9		10	95	20
Hexachlorobutadiene	52.6	0	74.8	ug/L	142	*	2		52	125	20
Caprolactam	52.6	0	17.0	ug/L	32		0		10	130	20
4-Chloro-3-methylphenol	52.6	0	79.4	ug/L	151	*	1		17	148	20
2-Methylnaphthalene	52.6	920	850	ug/L	-133	*	55	*	38	146	20
Hexachlorocyclopentadiene	110	0	76.9	ug/L	70		13		20	153	20
2,4,6-Trichlorophenol	52.6	0	50.2	ug/L	95		2		78	112	20
2,4,5-Trichlorophenol	52.6	0	49.9	ug/L	95		1		71	111	20
1,1-Biphenyl	52.6	26.0	70.0	ug/L	84		1		38	154	20
2-Chloronaphthalene	52.6	0	48.9	ug/L	93		2		41	145	20
2-Nitroaniline	52.6	0	53.9	ug/L	102		3		39	151	20
Dimethylphthalate	52.6	0	47.8	ug/L	91		4		42	147	20
Acenaphthylene	52.6	160	190	ug/L	57		2		40	141	20
2,6-Dinitrotoluene	52.6	0	51.3	ug/L	98		2		43	148	20
3-Nitroaniline	52.6	0	32.4	ug/L	62		0		10	111	20
Acenaphthene	52.6	8.70	53.5	ug/L	85		5		37	146	20
2,4-Dinitrophenol	110	0	120	ug/L	109		10		14	167	20
4-Nitrophenol	110	0	42.7	ug/L	39		7		10	130	20
Dibenzofuran	52.6	4.00	51.2	ug/L	90		2		41	145	20
2,4-Dinitrotoluene	52.6	0	52.5	ug/L	100		3		74	137	20
Diethylphthalate	52.6	2.10	48.9	ug/L	89		5		41	148	20
4-Chlorophenyl-phenylether	52.6	0	48.5	ug/L	92		2		38	149	20
Fluorene	52.6	27.4	68.0	ug/L	77		0		39	144	20
4-Nitroaniline	52.6	0	49.4	ug/L	94		0		27	138	20
4,6-Dinitro-2-methylphenol	52.6	0	55.7	ug/L	106		1		32	175	20
N-Nitrosodiphenylamine	52.6	0	50.5	ug/L	96		3		40	150	20
4-Bromophenyl-phenylether	52.6	0	52.0	ug/L	99		1		42	151	20
Hexachlorobenzene	52.6	0	52.3	ug/L	99		3		72	115	20
Atrazine	52.6	0	48.5	ug/L	92		1		20	162	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BP025603.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		10		52	162	20
Phenanthrene	52.6	29.6	67.2	ug/L	71		1		40	147	20
Anthracene	52.6	6.10	53.2	ug/L	90		2		41	146	20
Carbazole	52.6	13.8	63.5	ug/L	94		1		37	154	20
Di-n-butylphthalate	52.6	2.70	52.6	ug/L	95		1		40	151	20
Fluoranthene	52.6	2.30	51.6	ug/L	94		1		42	146	20
Pyrene	52.6	3.00	50.1	ug/L	90		2		41	149	20
Butylbenzylphthalate	52.6	0	52.0	ug/L	99		0		39	155	20
3,3-Dichlorobenzidine	52.6	0	43.4	ug/L	83		2		10	114	20
Benzo(a)anthracene	52.6	0	49.9	ug/L	95		1		41	147	20
Chrysene	52.6	0	51.2	ug/L	97		0		44	144	20
bis(2-Ethylhexyl)phthalate	52.6	0	49.7	ug/L	94		0		33	160	20
Di-n-octyl phthalate	52.6	0	52.0	ug/L	99		0		36	158	20
Benzo(b)fluoranthene	52.6	0	50.4	ug/L	96		1		40	150	20
Benzo(k)fluoranthene	52.6	0	49.6	ug/L	94		1		40	147	20
Benzo(a)pyrene	52.6	0	49.8	ug/L	95		1		42	147	20
Indeno(1,2,3-cd)pyrene	52.6	0	50.9	ug/L	97		0		30	166	20
Dibenz(a,h)anthracene	52.6	0	51.6	ug/L	98		1		23	172	20
Benzo(g,h,i)perylene	52.6	0	50.6	ug/L	96		1		27	167	20
1,2,4,5-Tetrachlorobenzene	52.6	0	49.8	ug/L	95		2		89	102	20
1,4-Dioxane	52.6	0	21.8	ug/L	41		0		38	130	20
2,3,4,6-Tetrachlorophenol	52.6	0	50.6	ug/L	96		3		91	111	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Benzaldehyde	50	22.9	ug/L	46				10	162	
	Phenol	50	41.7	ug/L	83				66	118	
	bis(2-Chloroethyl)ether	50	40.1	ug/L	80				62	103	
	2-Chlorophenol	50	41.6	ug/L	83				70	117	
	2-Methylphenol	50	41.0	ug/L	82				69	109	
	2,2-oxybis(1-Chloropropane)	50	39.7	ug/L	79				65	100	
	Acetophenone	50	39.8	ug/L	80				60	104	
	3+4-Methylphenols	50	39.8	ug/L	80				67	106	
	N-Nitroso-di-n-propylamine	50	36.5	ug/L	73				57	107	
	Hexachloroethane	50	40.3	ug/L	81				76	118	
	Nitrobenzene	50	41.1	ug/L	82				58	106	
	Isophorone	50	39.2	ug/L	78				61	102	
	2-Nitrophenol	50	42.7	ug/L	85				70	115	
	2,4-Dimethylphenol	50	42.3	ug/L	85				42	142	
	bis(2-Chloroethoxy)methane	50	40.1	ug/L	80				58	109	
	2,4-Dichlorophenol	50	43.3	ug/L	87				66	115	
	Naphthalene	50	39.7	ug/L	79				64	107	
	4-Chloroaniline	50	23.9	ug/L	48				10	85	
	Hexachlorobutadiene	50	40.8	ug/L	82				69	101	
	Caprolactam	50	39.6	ug/L	79				58	128	
	4-Chloro-3-methylphenol	50	42.3	ug/L	85				65	114	
	2-Methylnaphthalene	50	39.4	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	81.0	ug/L	81				36	160	
	2,4,6-Trichlorophenol	50	44.1	ug/L	88				61	110	
	2,4,5-Trichlorophenol	50	44.6	ug/L	89				70	106	
	1,1-Biphenyl	50	41.8	ug/L	84				72	98	
	2-Chloronaphthalene	50	40.9	ug/L	82				59	106	
	2-Nitroaniline	50	44.0	ug/L	88				73	114	
	Dimethylphthalate	50	41.0	ug/L	82				64	103	
	Acenaphthylene	50	40.9	ug/L	82				79	103	
	2,6-Dinitrotoluene	50	43.4	ug/L	87				64	110	
	3-Nitroaniline	50	31.2	ug/L	62				28	100	
	Acenaphthene	50	39.5	ug/L	79				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				36	166	
	4-Nitrophenol	100	82.1	ug/L	82				45	147	
	Dibenzofuran	50	40.2	ug/L	80				65	106	
	2,4-Dinitrotoluene	50	43.7	ug/L	87				60	115	
	Diethylphthalate	50	41.5	ug/L	83				63	105	
	4-Chlorophenyl-phenylether	50	40.1	ug/L	80				61	104	
	Fluorene	50	40.2	ug/L	80				64	107	
	4-Nitroaniline	50	41.1	ug/L	82				55	125	
	4,6-Dinitro-2-methylphenol	50	46.7	ug/L	93				62	132	
	N-Nitrosodiphenylamine	50	42.8	ug/L	86				61	109	
	4-Bromophenyl-phenylether	50	42.2	ug/L	84				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2924 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Hexachlorobenzene	50	42.0	ug/L	84				73	106	
	Atrazine	50	41.7	ug/L	83				76	120	
	Pentachlorophenol	100	86.9	ug/L	87				47	114	
	Phenanthrene	50	40.9	ug/L	82				62	109	
	Anthracene	50	41.4	ug/L	83				65	110	
	Carbazole	50	40.8	ug/L	82				62	106	
	Di-n-butylphthalate	50	41.6	ug/L	83				64	106	
	Fluoranthene	50	40.0	ug/L	80				64	110	
	Pyrene	50	43.4	ug/L	87				71	103	
	Butylbenzylphthalate	50	44.3	ug/L	89				61	105	
	3,3-Dichlorobenzidine	50	31.9	ug/L	64				43	108	
	Benzo(a)anthracene	50	42.2	ug/L	84				62	107	
	Chrysene	50	41.7	ug/L	83				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.7	ug/L	85				59	110	
	Di-n-octyl phthalate	50	43.7	ug/L	87				52	139	
	Benzo(b)fluoranthene	50	41.7	ug/L	83				77	113	
	Benzo(k)fluoranthene	50	41.8	ug/L	84				77	105	
	Benzo(a)pyrene	50	41.6	ug/L	83				72	131	
	Indeno(1,2,3-cd)pyrene	50	41.4	ug/L	83				72	105	
	Dibenz(a,h)anthracene	50	41.8	ug/L	84				78	115	
	Benzo(g,h,i)perylene	50	41.4	ug/L	83				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.0	ug/L	84				72	101	
	1,4-Dioxane	50	34.9	ug/L	70				38	125	
	2,3,4,6-Tetrachlorophenol	50	43.0	ug/L	86				63	116	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169362BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2924

Lab File ID: BP025562.D | Lab Sample ID: PB169362BL

Instrument ID: BNA_P | Date Extracted: 08/22/2025

Matrix: (soil/water) Water | Date Analyzed: 08/25/2025

Level: (low/med) LOW | Time Analyzed: 12:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169362BS	PB169362BS	BP025581.D	08/26/2025
MW-16A-082025	Q2924-08	BP025588.D	08/26/2025
MW-16C-082025	Q2924-09	BP025589.D	08/26/2025
MW-2A-082025	Q2924-06	BP025590.D	08/26/2025
MW-201-082025	Q2924-02	BP025601.D	08/27/2025
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025
MW-10C-082025	Q2924-01	BF143581.D	08/22/2025
MW-2B-082025	Q2924-05	BF143582.D	08/22/2025
FB-01-082025	Q2924-11	BF143601.D	08/27/2025
MW-18C-082025	Q2924-07	BF143603.D	08/27/2025
MW-8A-082025	Q2924-10	BP025552.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.: Q2924

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.: Q2924

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
MW-10C-082025	Q2924-01	BF143581.D	08/22/2025	19:21
MW-2B-082025	Q2924-05	BF143582.D	08/22/2025	19:50

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: BF143584.D DFTPP Injection Date: 08/26/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	35.3
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	6.7
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	91.9
443	15.0 - 24.0% of mass 442	16.5 (17.9) 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	BF143585.D	08/26/2025	09:11
SSTDICC005	SSTDICC005	BF143586.D	08/26/2025	09:39
SSTDICC010	SSTDICC010	BF143587.D	08/26/2025	10:08
SSTDICC020	SSTDICC020	BF143588.D	08/26/2025	10:37
SSTDICCC040	SSTDICCC040	BF143589.D	08/26/2025	11:06
SSTDICC050	SSTDICC050	BF143590.D	08/26/2025	11:35
SSTDICC060	SSTDICC060	BF143591.D	08/26/2025	12:03
SSTDICC080	SSTDICC080	BF143592.D	08/26/2025	12:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: BF143595.D DFTPP Injection Date: 08/27/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	33.7
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	6.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	16
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
SSTDCCC040	SSTDCCC040	BF143596.D	08/27/2025	09:16
FB-01-082025	Q2924-11	BF143601.D	08/27/2025	11:53
MW-18C-082025	Q2924-07	BF143603.D	08/27/2025	12:52

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

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.: Q2924

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-8A-082025	Q2924-10	BP025552.D	08/22/2025	16:58

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: BP025560.D DFTPP Injection Date: 08/25/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.5
70	Less than 2.0% of mass 69	0.1 (0.3) 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	6.3
365	Greater than 1% of mass 198	3.6
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	19.3 (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	BP025561.D	08/25/2025	12:13
PB169362BL	PB169362BL	BP025562.D	08/25/2025	12:54

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: BP025578.D DFTPP Injection Date: 08/26/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:59

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	28.9
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	6
365	Greater than 1% of mass 198	3.4
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	19.6 (19.6) 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	BP025579.D	08/26/2025	10:21
PB169362BS	PB169362BS	BP025581.D	08/26/2025	11:44
MW-2B-082025DL	Q2924-05DL	BP025583.D	08/26/2025	13:10
MW-2B-082025DL2	Q2924-05DL2	BP025586.D	08/26/2025	15:14
MW-16A-082025	Q2924-08	BP025588.D	08/26/2025	16:37
MW-16C-082025	Q2924-09	BP025589.D	08/26/2025	17:18
MW-2A-082025	Q2924-06	BP025590.D	08/26/2025	17:59

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2924

Lab File ID: BP025595.D DFTPP Injection Date: 08/27/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	31.5
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	6.5
365	Greater than 1% of mass 198	3.6
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	19.6 (19.6) 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	BP025596.D	08/27/2025	09:39
MW-201-082025	Q2924-02	BP025601.D	08/27/2025	13:37
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025	14:18
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025	15:00
MW-201-082025DL	Q2924-02DL	BP025607.D	08/27/2025	17:44
MW-201-082025DL2	Q2924-02DL2	BP025608.D	08/27/2025	18:26

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2924

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	MW-10C-082025	104622	6.92	416287	8.20	252150	9.96
02	MW-2B-082025	97960	6.93	310044	8.23	220938	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.: Q2924

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	MW-10C-082025	422746	11.45	233264	14.09	203920	15.59
02	MW-2B-082025	347033	11.45	201002	14.09	183367	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.: Q2924

Client ID : SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BF143596.D Time Analyzed: 09:16

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	115923	6.893	446099	8.18	249607	9.93
	UPPER LIMIT	231846	7.393	892198	8.675	499214	10.428
	LOWER LIMIT	57961.5	6.393	223050	7.675	124804	9.428
	EPA SAMPLE NO.						
01	MW-18C-082025	107445	6.89	403245	8.17	213409	9.92
02	FB-01-082025	111189	6.89	428717	8.17	235375	9.92

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.: Q2924

Client ID: SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BF143596.D Time Analyzed: 09:16

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	402587	11.416	235836	14.051	227679	15.521
	UPPER LIMIT	805174	11.916	471672	14.551	455358	16.021
	LOWER LIMIT	201294	10.916	117918	13.551	113840	15.021
	EPA SAMPLE NO.						
01	MW-18C-082025	297699	11.41	161336	14.05	218565	15.52
02	FB-01-082025	345422	11.41	186452	14.05	227431	15.52

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.: Q2924

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-8A-082025	178406	7.78	716017	10.54	464364	14.38

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.: Q2924

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-8A-082025	972343	17.18	994558	21.63	1124630	24.99

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.: Q2924

Client ID : SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

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	176050	7.766	715069	10.54	441846	14.39
	UPPER LIMIT	352100	8.266	1430140	11.037	883692	14.89
	LOWER LIMIT	88025	7.266	357535	10.037	220923	13.89
	EPA SAMPLE NO.						
01	PB169362BL	173347	7.78	665603	10.54	424932	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.: Q2924

Client ID: SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

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	900532	17.189	945335	21.63	1072630	25.001
	UPPER LIMIT	1801060	17.689	1890670	22.13	2145260	25.501
	LOWER LIMIT	450266	16.689	472668	21.13	536315	24.501
	EPA SAMPLE NO.						
01	PB169362BL	890876	17.19	1139400	21.63	1287990	25.00

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.: Q2924

Client ID : SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

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	235051	7.778	932609	10.55	572065	14.39
	UPPER LIMIT	470102	8.278	1865220	11.049	1144130	14.89
	LOWER LIMIT	117526	7.278	466305	10.049	286033	13.89
	EPA SAMPLE NO.						
01	PB169362BS	256194	7.78	1004580	10.55	636349	14.41
02	MW-2B-082025DL	167152	7.77	645100	10.55	403608	14.39
03	MW-2B-082025DL2	173400	7.78	700981	10.54	444336	14.39
04	MW-2A-082025	209304	7.78	834432	10.54	540709	14.38
05	MW-16A-082025	194953	7.78	750992	10.55	492017	14.39
06	MW-16C-082025	200652	7.77	790738	10.55	502369	14.40

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.: Q2924

Client ID: SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

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	1130980	17.195	1110360	21.636	1292920	24.995
	UPPER LIMIT	2261960	17.695	2220720	22.136	2585840	25.495
	LOWER LIMIT	565490	16.695	555180	21.136	646460	24.495
	EPA SAMPLE NO.						
01	PB169362BS	1239650	17.20	1177570	21.63	1318340	24.99
02	MW-2B-082025DL	820492	17.19	922833	21.63	1102540	25.00
03	MW-2B-082025DL2	857309	17.19	880360	21.63	1060520	24.99
04	MW-2A-082025	1091600	17.19	1128820	21.64	1291270	25.00
05	MW-16A-082025	1024760	17.20	1121360	21.64	1313750	25.02
06	MW-16C-082025	1002260	17.20	1066650	21.63	1227490	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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2924

Client ID : SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

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	161611	7.778	681785	10.54	463868	14.40
	UPPER LIMIT	323222	8.278	1363570	11.043	927736	14.896
	LOWER LIMIT	80805.5	7.278	340893	10.043	231934	13.896
	EPA SAMPLE NO.						
01	MW-201-082025	185057	7.78	347077	10.57	427017	14.39
02	MW-201-082025MS	177033	7.78	389081	10.57	432672	14.39
03	MW-201-082025MSD	165573	7.78	358938	10.57	417829	14.40
04	MW-201-082025DL	147420	7.77	575398	10.54	352604	14.39
05	MW-201-082025DL2	150824	7.77	581758	10.54	353815	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.: Q2924

Client ID: SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

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	978179	17.207	1036720	21.642	1177640	25.001
	UPPER LIMIT	1956360	17.707	2073440	22.142	2355280	25.501
	LOWER LIMIT	489090	16.707	518360	21.142	588820	24.501
	EPA SAMPLE NO.						
01	MW-201-082025	842894	17.20	908516	21.64	1056970	25.00
02	MW-201-082025MS	850262	17.19	903685	21.64	1056320	25.00
03	MW-201-082025MSD	814298	17.20	887974	21.64	1057490	25.01
04	MW-201-082025DL	694303	17.19	837318	21.64	1049340	25.00
05	MW-201-082025DL2	659654	17.18	856697	21.64	1043580	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:	PB169362BL	SDG No.:	Q2924
Lab Sample ID:	PB169362BL	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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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:	PB169362BL	SDG No.:	Q2924
Lab Sample ID:	PB169362BL	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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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:	PB169362BL	SDG No.:	Q2924
Lab Sample ID:	PB169362BL	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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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	125		23 - 138	83%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 134	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.8		67 - 132	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		52 - 132	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	70.1		42 - 152	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.778			
1146-65-2	Naphthalene-d8	666000	10.543			
15067-26-2	Acenaphthene-d10	425000	14.389			
1517-22-2	Phenanthrene-d10	891000	17.189			
1719-03-5	Chrysene-d12	1140000	21.63			
1520-96-3	Perylene-d12	1290000	25.001			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.70	A		4.94	ug/L

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Report of Analysis

Client:	AECOM			Date Collected:	
Project:	National Grid Equity - Brooklyn NY			Date Received:	
Client Sample ID:	PB169362BL			SDG No.:	Q2924
Lab Sample ID:	PB169362BL			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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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:	PB169362BS	SDG No.:	Q2924
Lab Sample ID:	PB169362BS	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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	22.9		3.90	10.0	ug/L
108-95-2	Phenol	41.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	41.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	41.0		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.7		1.30	5.00	ug/L
98-86-2	Acetophenone	39.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	39.8		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.5		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	41.1		0.76	5.00	ug/L
78-59-1	Isophorone	39.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	42.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	42.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.1		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.52	5.00	ug/L
91-20-3	Naphthalene	39.7		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	23.9		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	40.8		0.54	5.00	ug/L
105-60-2	Caprolactam	39.6		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	42.3		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	39.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	81.0	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.1		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.6		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	41.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	40.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	44.0		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	41.0		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:	PB169362BS	SDG No.:	Q2924
Lab Sample ID:	PB169362BS	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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	40.9		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.4		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	31.2		1.10	5.00	ug/L
83-32-9	Acenaphthene	39.5		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	82.1	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	40.2		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	43.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	41.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.1		0.68	5.00	ug/L
86-73-7	Fluorene	40.2		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	41.1		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.7		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	42.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.2		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	42.0		0.52	5.00	ug/L
1912-24-9	Atrazine	41.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	86.9	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	40.9		0.50	5.00	ug/L
120-12-7	Anthracene	41.4		0.61	5.00	ug/L
86-74-8	Carbazole	40.8		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	41.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	40.0		0.82	5.00	ug/L
129-00-0	Pyrene	43.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	44.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.9		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	42.2		0.45	5.00	ug/L
218-01-9	Chrysene	41.7		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.7		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.7		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:	PB169362BS	SDG No.:	Q2924
Lab Sample ID:	PB169362BS	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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	41.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	41.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.8		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	41.4		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.0		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	34.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.0		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		23 - 138	77%	SPK: 150
13127-88-3	Phenol-d6	113		10 - 134	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		67 - 132	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		52 - 132	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	75.5		42 - 152	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	256000	7.778			
1146-65-2	Naphthalene-d8	1000000	10.549			
15067-26-2	Acenaphthene-d10	636000	14.407			
1517-22-2	Phenanthrene-d10	1240000	17.195			
1719-03-5	Chrysene-d12	1180000	21.63			
1520-96-3	Perylene-d12	1320000	24.989			

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2924
Lab Sample ID:	Q2924-03MS	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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.4		4.00	10.3	ug/L
108-95-2	Phenol	16.0		0.94	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.3		0.84	5.20	ug/L
95-57-8	2-Chlorophenol	39.6		0.60	5.20	ug/L
95-48-7	2-Methylphenol	33.8		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	17.1		1.30	5.20	ug/L
98-86-2	Acetophenone	87.5	E	0.76	5.20	ug/L
65794-96-9	3+4-Methylphenols	40.9		1.10	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	93.2	E	0.67	5.20	ug/L
98-95-3	Nitrobenzene	85.8	E	0.78	5.20	ug/L
78-59-1	Isophorone	81.7		0.77	5.20	ug/L
88-75-5	2-Nitrophenol	86.6	E	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	75.6		1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	70.3		0.70	5.20	ug/L
120-83-2	2,4-Dichlorophenol	80.6		0.54	5.20	ug/L
91-20-3	Naphthalene	2700	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	28.5		0.87	5.20	ug/L
87-68-3	Hexachlorobutadiene	71.5		0.56	5.20	ug/L
105-60-2	Caprolactam	16.7		1.20	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	76.5		0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	800	E	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	79.7		3.70	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	49.4		0.64	5.20	ug/L
92-52-4	1,1-Biphenyl	69.6		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.63	5.20	ug/L
88-74-4	2-Nitroaniline	54.1		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	48.7		0.63	5.20	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2924
Lab Sample ID:	Q2924-03MS	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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.77	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	51.4		0.95	5.20	ug/L
99-09-2	3-Nitroaniline	31.7		1.10	5.20	ug/L
83-32-9	Acenaphthene	54.7		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.20	10.3	ug/L
100-02-7	4-Nitrophenol	42.0		2.50	10.3	ug/L
132-64-9	Dibenzofuran	51.3		0.63	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	53.3		1.30	5.20	ug/L
84-66-2	Diethylphthalate	50.3		0.71	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.70	5.20	ug/L
86-73-7	Fluorene	67.1		0.65	5.20	ug/L
100-01-6	4-Nitroaniline	48.5		1.50	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.1		3.00	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	51.1		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	51.5		0.41	5.20	ug/L
118-74-1	Hexachlorobenzene	52.5		0.54	5.20	ug/L
1912-24-9	Atrazine	47.8		1.00	5.20	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.3	ug/L
85-01-8	Phenanthrene	65.4		0.52	5.20	ug/L
120-12-7	Anthracene	53.4		0.63	5.20	ug/L
86-74-8	Carbazole	61.7		0.74	5.20	ug/L
84-74-2	Di-n-butylphthalate	51.3		1.30	5.20	ug/L
206-44-0	Fluoranthene	51.0		0.85	5.20	ug/L
129-00-0	Pyrene	50.5		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	51.2		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	41.5		0.96	10.3	ug/L
56-55-3	Benzo(a)anthracene	49.5		0.46	5.20	ug/L
218-01-9	Chrysene	50.0		0.45	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.4		1.60	5.20	ug/L
117-84-0	Di-n-octyl phthalate	51.0		2.40	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	50.0		0.51	5.20	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2924
Lab Sample ID:	Q2924-03MS	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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.1		0.49	5.20	ug/L
50-32-8	Benzo(a)pyrene	49.3		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.1		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.0		0.69	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	50.2		0.71	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.1		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	21.2		1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.1		0.74	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.6		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	148	*	67 - 132	148%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	76.9		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	177000	7.784			
1146-65-2	Naphthalene-d8	389000	10.566			
15067-26-2	Acenaphthene-d10	433000	14.389			
1517-22-2	Phenanthrene-d10	850000	17.189			
1719-03-5	Chrysene-d12	904000	21.636			
1520-96-3	Perylene-d12	1060000	25.001			

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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2924
Lab Sample ID:	Q2924-04MSD	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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	37.7		4.10	10.5	ug/L
108-95-2	Phenol	16.4		0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		0.85	5.30	ug/L
95-57-8	2-Chlorophenol	39.6		0.61	5.30	ug/L
95-48-7	2-Methylphenol	34.5		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18.4		1.30	5.30	ug/L
98-86-2	Acetophenone	90.6	E	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	41.7		1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	96.9	E	0.68	5.30	ug/L
98-95-3	Nitrobenzene	89.1	E	0.80	5.30	ug/L
78-59-1	Isophorone	85.0	E	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	90.4	E	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	78.4		1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	75.2		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	85.1	E	0.55	5.30	ug/L
91-20-3	Naphthalene	3000	E	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	31.3		0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	74.8		0.57	5.30	ug/L
105-60-2	Caprolactam	17.0		1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	79.4		0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	850	E	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	76.9		3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	49.9		0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	70.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.64	5.30	ug/L
88-74-4	2-Nitroaniline	53.9		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	47.8		0.64	5.30	ug/L

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Report of Analysis

Client:	AECOM	Date Collected:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2924
Lab Sample ID:	Q2924-04MSD	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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	51.3		0.97	5.30	ug/L
99-09-2	3-Nitroaniline	32.4		1.10	5.30	ug/L
83-32-9	Acenaphthene	53.5		0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	42.7		2.50	10.5	ug/L
132-64-9	Dibenzofuran	51.2		0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	52.5		1.30	5.30	ug/L
84-66-2	Diethylphthalate	48.9		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.72	5.30	ug/L
86-73-7	Fluorene	68.0		0.66	5.30	ug/L
100-01-6	4-Nitroaniline	49.4		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.7		3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	50.5		0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	52.0		0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	52.3		0.55	5.30	ug/L
1912-24-9	Atrazine	48.5		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.5	ug/L
85-01-8	Phenanthrene	67.2		0.53	5.30	ug/L
120-12-7	Anthracene	53.2		0.64	5.30	ug/L
86-74-8	Carbazole	63.5		0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	52.6		1.30	5.30	ug/L
206-44-0	Fluoranthene	51.6		0.86	5.30	ug/L
129-00-0	Pyrene	50.1		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	52.0		2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	43.4		0.98	10.5	ug/L
56-55-3	Benzo(a)anthracene	49.9		0.47	5.30	ug/L
218-01-9	Chrysene	51.2		0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.7		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	52.0		2.50	10.5	ug/L
205-99-2	Benzo(b)fluoranthene	50.4		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:	08/20/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2924
Lab Sample ID:	Q2924-04MSD	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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.6		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	49.8		0.58	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.9		0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.6		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	50.6		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.8		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	21.8		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.6		0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.4		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	149	*	67 - 132	149%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	76.2		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.778			
1146-65-2	Naphthalene-d8	359000	10.566			
15067-26-2	Acenaphthene-d10	418000	14.401			
1517-22-2	Phenanthrene-d10	814000	17.201			
1719-03-5	Chrysene-d12	888000	21.636			
1520-96-3	Perylene-d12	1060000	25.007			

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

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 BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 26 16:30:52 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143585.D 5 =BF143586.D 10 =BF143587.D 20 =BF143588.D 40 =BF143589.D 50 =BF143590.D 60 =BF143591.D 80 =BF1435
92.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.606	0.579	0.592	0.571	0.546	0.570	0.561	0.575	3.46
3)		Pyridine		1.218	1.341	1.525	1.504	1.491	1.540	1.487	1.444	8.25
4)		n-Nitrosodimet...			0.669	0.683	0.695	0.690	0.703	0.682	0.687	1.71
5)	S	2-Fluorophenol		1.245	1.223	1.243	1.152	1.114	1.151	1.098	1.175	5.20
6)		Aniline		2.116	2.036	2.151	1.980	1.970	2.048	1.921	2.032	4.04
7)	S	Phenol-d6		1.584	1.519	1.521	1.422	1.373	1.424	1.346	1.455	6.00
8)		2-Chlorophenol		1.255	1.263	1.286	1.239	1.207	1.259	1.195	1.243	2.61
9)		Benzaldehyde			1.075	1.018	1.209	1.011	1.162		1.095	8.00
10)	C	Phenol		1.726	1.685	1.720	1.584	1.558	1.617	1.536	1.632	4.78
11)		bis(2-Chloroet...		1.358	1.306	1.341	1.211	1.157	1.224	1.158	1.251	6.73
12)		1,3-Dichlorobe...		1.574	1.506	1.524	1.378	1.339	1.377	1.298	1.428	7.37
13)	C	1,4-Dichlorobe...		1.615	1.517	1.536	1.400	1.328	1.388	1.296	1.440	8.18
14)		1,2-Dichlorobe...		1.494	1.423	1.457	1.312	1.280	1.328	1.266	1.366	6.65
15)		Benzyl Alcohol			1.074	1.135	1.088	1.074	1.117	1.057	1.091	2.71
16)		2,2'-oxybis(1-...		2.622	2.449	2.481	2.223	2.120	2.217	2.050	2.309	9.11
17)		2-Methylphenol		1.099	1.076	1.105	1.031	1.017	1.059	1.000	1.055	3.86
18)		Hexachloroethane		0.451	0.452	0.484	0.460	0.449	0.471	0.436	0.458	3.40
19)	P	n-Nitroso-di-n...	0.959	0.979	0.951	0.968	0.876	0.860	0.921	0.863	0.922	5.35
20)		3+4-Methylphenols			1.389	1.411	1.288	1.227	1.268	1.195	1.296	6.69
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.513	0.484	0.479	0.437	0.418	0.423	0.399	0.450	9.28
23)	S	Nitrobenzene-d5			0.207	0.260	0.293	0.300	0.315	0.307	0.280	14.57
24)		Nitrobenzene		0.217	0.250	0.305	0.330	0.329	0.342	0.331	0.300	15.99
25)		Isophorone		0.694	0.662	0.683	0.645	0.628	0.654	0.623	0.656	4.02
26)	C	2-Nitrophenol		0.043	0.056	0.080	0.114	0.130	0.142	0.142	0.101	40.76#
27)		2,4-Dimethylph...		0.292	0.280	0.297	0.285	0.282	0.286	0.274	0.285	2.65
28)		bis(2-Chloroet...		0.431	0.411	0.424	0.385	0.377	0.386	0.363	0.397	6.40
29)	C	2,4-Dichloroph...		0.257	0.268	0.289	0.284	0.273	0.284	0.269	0.275	4.18
30)		1,2,4-Trichlor...		0.312	0.297	0.296	0.284	0.275	0.281	0.263	0.287	5.67
31)		Naphthalene		1.098	1.029	1.031	0.938	0.900	0.909	0.860	0.966	9.00
32)		Benzoic acid			0.047	0.091	0.126	0.150	0.172	0.168	0.126	38.83
33)		4-Chloroaniline		0.373	0.352	0.360	0.338	0.325	0.326	0.315	0.341	6.16
34)	C	Hexachlorobuta...		0.199	0.189	0.189	0.177	0.171	0.175	0.165	0.181	6.63
35)		Caprolactam			0.071	0.078	0.078	0.079	0.083	0.078	0.078	4.87
36)	C	4-Chloro-3-met...		0.282	0.284	0.300	0.288	0.283	0.296	0.278	0.287	2.75
37)		2-Methylnaphth...		0.727	0.685	0.684	0.615	0.586	0.605	0.565	0.638	9.46
38)		1-Methylnaphth...		0.694	0.666	0.655	0.599	0.566	0.583	0.548	0.616	9.05

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.576	0.542	0.554	0.510	0.498	0.491	0.470	0.520	7.33
41)	P	Hexachlorocycl...		0.201	0.249	0.264	0.273	0.279	0.270	0.256	11.23
42)	S	2,4,6-Tribromo...	0.130	0.143	0.166	0.162	0.163	0.170	0.162	0.156	9.38
43)	C	2,4,6-Trichlor...	0.285	0.320	0.357	0.374	0.359	0.364	0.348	0.344	9.00
44)		2,4,5-Trichlor...	0.317	0.321	0.360	0.353	0.356	0.368	0.358	0.347	5.74
45)	S	2-Fluorobiphenyl	1.404	1.290	1.276	1.120	1.041	1.056	1.001	1.170	13.11
46)		1,1'-Biphenyl	1.588	1.493	1.480	1.358	1.282	1.287	1.226	1.388	9.67
47)		2-Chloronaphth...	1.210	1.161	1.143	1.086	1.035	1.036	1.004	1.096	6.99
48)		2-Nitroaniline	0.118	0.147	0.225	0.287	0.307	0.328	0.318	0.247	34.69
49)		Acenaphthylene	1.772	1.673	1.711	1.557	1.489	1.511	1.451	1.595	7.74
50)		Dimethylphthalate	1.309	1.266	1.306	1.199	1.180	1.204	1.147	1.230	5.18
51)		2,6-Dinitrotol...	0.065	0.090	0.145	0.189	0.208	0.226	0.219	0.163	39.69
52)	C	Acenaphthene	1.169	1.103	1.115	1.014	0.969	0.992	0.953	1.045	7.97
53)		3-Nitroaniline	0.092	0.127	0.194	0.233	0.246	0.262	0.251	0.201	33.23
54)	P	2,4-Dinitrophenol		0.020	0.032	0.050	0.066	0.077	0.081	0.054	45.09
55)		Dibenzofuran	1.716	1.633	1.648	1.470	1.425	1.451	1.379	1.532	8.54
56)	P	4-Nitrophenol		0.114	0.161	0.189	0.201	0.218	0.209	0.182	21.33
57)		2,4-Dinitrotol...	0.081	0.120	0.186	0.246	0.276	0.294	0.289	0.213	40.38
58)		Fluorene	1.368	1.270	1.231	1.089	1.035	1.056	1.002	1.150	12.10
59)		2,3,4,6-Tetrac...	0.190	0.224	0.273	0.271	0.277	0.287	0.275	0.257	13.91
60)		Diethylphthalate	1.219	1.198	1.229	1.110	1.097	1.147	1.068	1.153	5.54
61)		4-Chlorophenyl...	0.656	0.616	0.603	0.533	0.515	0.525	0.489	0.562	11.02
62)		4-Nitroaniline	0.115	0.143	0.191	0.212	0.229	0.244	0.237	0.196	25.31
63)		Azobenzene	1.269	1.227	1.262	1.128	1.111	1.126	1.058	1.169	7.11
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.020	0.035	0.058	0.071	0.080	0.080	0.057	42.94
66)	c	n-Nitrosodiphe...	0.694	0.664	0.662	0.632	0.598	0.610	0.593	0.636	6.02
67)		4-Bromophenyl-...	0.223	0.219	0.228	0.219	0.208	0.211	0.206	0.216	3.74
68)		Hexachlorobenzene	0.247	0.239	0.242	0.229	0.220	0.226	0.217	0.231	5.05
69)		Atrazine	0.179	0.184	0.188	0.181	0.182	0.189	0.177	0.183	2.48
70)	C	Pentachlorophenol		0.101	0.126	0.139	0.140	0.145	0.141	0.132	12.49
71)		Phenanthrene	1.223	1.162	1.127	1.040	0.995	0.994	0.955	1.071	9.38
72)		Anthracene	1.223	1.168	1.151	1.041	0.998	1.004	0.969	1.079	9.22
73)		Carbazole	1.078	1.019	0.991	0.892	0.855	0.865	0.830	0.933	10.23
74)		Di-n-butylphth...	0.961	0.968	1.013	0.923	0.925	0.968	0.893	0.950	4.15
75)	C	Fluoranthene	1.176	1.101	1.065	0.897	0.862	0.901	0.842	0.978	13.62
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.598	0.654	0.538	0.357	0.222	0.394	0.460	35.65
78)		Pyrene	1.722	1.768	1.810	1.609	1.687	1.613	1.507	1.674	6.25
79)	S	Terphenyl-d14	1.199	1.213	1.221	1.044	1.080	1.053	0.992	1.115	8.45
80)		Butylbenzylpht...	0.211	0.276	0.386	0.456	0.455	0.513	0.490	0.398	28.68
81)		Benzo(a)anthra...	1.365	1.276	1.288	1.257	1.216	1.220	1.186	1.258	4.73
82)		3,3'-Dichlorob...		0.271	0.339	0.373	0.340	0.334	0.367	0.337	10.77
83)		Chrysene	1.239	1.174	1.244	1.125	1.129	1.168	1.129	1.173	4.35
84)		Bis(2-ethylhex...	0.285	0.397	0.529	0.632	0.580	0.637	0.632	0.528	25.91
85)	c	Di-n-octyl pht...		0.564	0.840	1.167	1.128	1.179	1.223	1.017	25.62

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF082625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.127	1.316	1.462	1.429	1.401	1.430	1.359	1.361	8.36
88)		Benzo(b)fluora...	1.354	1.208	1.131	1.045	1.008	1.184	1.069	1.143	10.35
89)		Benzo(k)fluora...	1.169	1.128	1.165	1.061	1.028	0.982	0.947	1.068	8.28
90)	C	Benzo(a)pyrene	1.007	0.994	1.034	1.032	0.989	1.030	0.982	1.010	2.20
91)		Dibenzo(a,h)an...	0.980	1.093	1.191	1.154	1.127	1.163	1.089	1.114	6.25
92)		Benzo(g,h,i)pe...	0.935	1.071	1.154	1.148	1.148	1.157	1.106	1.103	7.31

(#) = 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.: Q2924

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

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

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.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_F Calibration Date/Time: 08/27/2025 09:16

Lab File ID: BF143596.D Init. Calib. Date(s): 08/26/2025 08/26/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:11 12:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.175	1.200		2.1	
Benzaldehyde	1.095	1.252		14.3	
Phenol-d6	1.455	1.474		1.3	
Phenol	1.632	1.764		8.1	20.0
bis(2-Chloroethyl)ether	1.251	1.256		0.4	
2-Chlorophenol	1.243	1.295		4.2	
2-Methylphenol	1.055	1.066		1.0	
2,2-oxybis(1-Chloropropane)	2.309	2.190		-5.2	
Acetophenone	0.450	0.451		0.2	
3+4-Methylphenols	1.296	1.370		5.7	
n-Nitroso-di-n-propylamine	0.922	0.915	0.050	-0.8	
Nitrobenzene-d5	0.280	0.318		13.6	
Hexachloroethane	0.458	0.487		6.3	
Nitrobenzene	0.300	0.351		17.0	
Isophorone	0.656	0.659		0.5	
2-Nitrophenol	0.101	0.136		34.7	20.0
2,4-Dimethylphenol	0.285	0.296		3.9	
bis(2-Chloroethoxy)methane	0.397	0.401		1.0	
2,4-Dichlorophenol	0.275	0.294		6.9	20.0
Naphthalene	0.966	0.981		1.6	
4-Chloroaniline	0.341	0.352		3.2	
Hexachlorobutadiene	0.181	0.186		2.8	20.0
Caprolactam	0.078	0.086		10.3	
4-Chloro-3-methylphenol	0.287	0.303		5.6	20.0
2-Methylnaphthalene	0.638	0.651		2.0	
Hexachlorocyclopentadiene	0.256	0.275	0.050	7.4	
2,4,6-Trichlorophenol	0.344	0.359		4.4	20.0
2-Fluorobiphenyl	1.170	1.158		-1.0	
2,4,5-Trichlorophenol	0.347	0.387		11.5	
1,1-Biphenyl	1.388	1.375		-0.9	
2-Chloronaphthalene	1.096	1.113		1.6	
2-Nitroaniline	0.247	0.328		32.8	
Dimethylphthalate	1.230	1.274		3.6	
Acenaphthylene	1.595	1.622		1.7	
2,6-Dinitrotoluene	0.163	0.229		40.5	
3-Nitroaniline	0.201	0.274		36.3	
Acenaphthene	1.045	1.066		2.0	20.0
2,4-Dinitrophenol	0.054	0.068	0.050	25.9	
4-Nitrophenol	0.182	0.219	0.050	20.3	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_F Calibration Date/Time: 08/27/2025 09:16

Lab File ID: BF143596.D Init. Calib. Date(s): 08/26/2025 08/26/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:11 12:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.532	1.562		2.0	
2,4-Dinitrotoluene	0.213	0.308		44.6	
Diethylphthalate	1.153	1.218		5.6	
4-Chlorophenyl-phenylether	0.562	0.566		0.7	
Fluorene	1.150	1.146		-0.3	
4-Nitroaniline	0.196	0.264		34.7	
4,6-Dinitro-2-methylphenol	0.057	0.073		28.1	
n-Nitrosodiphenylamine	0.636	0.634		-0.3	20.0
2,4,6-Tribromophenol	0.156	0.181		16.0	
4-Bromophenyl-phenylether	0.216	0.220		1.9	
Hexachlorobenzene	0.231	0.236		2.2	
Atrazine	0.183	0.197		7.7	
Pentachlorophenol	0.132	0.147		11.4	20.0
Phenanthrene	1.071	1.067		-0.4	
Anthracene	1.079	1.085		0.6	
Carbazole	0.933	0.966		3.5	
Di-n-butylphthalate	0.950	1.072		12.8	
Fluoranthene	0.978	1.026		4.9	20.0
Pyrene	1.674	1.787		6.8	
Terphenyl-d14	1.115	1.214		8.9	
Butylbenzylphthalate	0.398	0.493		23.9	
3,3-Dichlorobenzidine	0.337	0.364		8.0	
Benzo(a)anthracene	1.258	1.278		1.6	
Chrysene	1.173	1.229		4.8	
Bis(2-ethylhexyl)phthalate	0.528	0.593		12.3	
Di-n-octyl phthalate	1.017	0.974		-4.2	20.0
Benzo(b)fluoranthene	1.143	1.127		-1.4	
Benzo(k)fluoranthene	1.068	1.128		5.6	
Benzo(a)pyrene	1.010	1.052		4.2	20.0
Indeno(1,2,3-cd)pyrene	1.361	1.495		9.8	
Dibenzo(a,h)anthracene	1.114	1.224		9.9	
Benzo(g,h,i)perylene	1.103	1.199		8.7	
1,2,4,5-Tetrachlorobenzene	0.520	0.531		2.1	
1,4-Dioxane	0.575	0.578		0.5	20.0
2,3,4,6-Tetrachlorophenol	0.257	0.297		15.6	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

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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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

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

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.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	1.230		2.2	
Benzaldehyde	1.082	1.338		23.7	
Phenol-d6	1.544	1.578		2.2	
Phenol	1.620	1.637		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.249		-1.1	
2-Chlorophenol	1.359	1.362		0.2	
2-Methylphenol	1.125	1.108		-1.5	
2,2-oxybis(1-Chloropropane)	1.692	1.716		1.4	
Acetophenone	0.502	0.490		-2.4	
3+4-Methylphenols	1.560	1.501		-3.8	
n-Nitroso-di-n-propylamine	1.023	0.970	0.050	-5.2	
Nitrobenzene-d5	0.395	0.399		1.0	
Hexachloroethane	0.563	0.547		-2.8	
Nitrobenzene	0.353	0.358		1.4	
Isophorone	0.700	0.668		-4.6	
2-Nitrophenol	0.181	0.186		2.8	20.0
2,4-Dimethylphenol	0.312	0.304		-2.6	
bis(2-Chloroethoxy)methane	0.423	0.405		-4.3	
2,4-Dichlorophenol	0.310	0.306		-1.3	20.0
Naphthalene	1.040	1.011		-2.8	
4-Chloroaniline	0.459	0.446		-2.8	
Hexachlorobutadiene	0.211	0.197		-6.6	20.0
Caprolactam	0.114	0.111		-2.6	
4-Chloro-3-methylphenol	0.355	0.342		-3.7	20.0
2-Methylnaphthalene	0.676	0.636		-5.9	
Hexachlorocyclopentadiene	0.349	0.387	0.050	10.9	
2,4,6-Trichlorophenol	0.390	0.396		1.5	20.0
2-Fluorobiphenyl	1.463	1.453		-0.7	
2,4,5-Trichlorophenol	0.427	0.435		1.9	
1,1-Biphenyl	1.453	1.456		0.2	
2-Chloronaphthalene	1.131	1.146		1.3	
2-Nitroaniline	0.329	0.351		6.7	
Dimethylphthalate	1.465	1.428		-2.5	
Acenaphthylene	1.871	1.872		0.1	
2,6-Dinitrotoluene	0.309	0.318		2.9	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.074		-2.2	20.0
2,4-Dinitrophenol	0.165	0.220	0.050	33.3	
4-Nitrophenol	0.285	0.297	0.050	4.2	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.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	1.714		-1.3	
2,4-Dinitrotoluene	0.440	0.461		4.8	
Diethylphthalate	1.488	1.451		-2.5	
4-Chlorophenyl-phenylether	0.681	0.659		-3.2	
Fluorene	1.370	1.353		-1.2	
4-Nitroaniline	0.356	0.380		6.7	
4,6-Dinitro-2-methylphenol	0.125	0.147		17.6	
n-Nitrosodiphenylamine	0.610	0.601		-1.5	20.0
2,4,6-Tribromophenol	0.269	0.270		0.4	
4-Bromophenyl-phenylether	0.220	0.213		-3.2	
Hexachlorobenzene	0.255	0.243		-4.7	
Atrazine	0.228	0.221		-3.1	
Pentachlorophenol	0.161	0.156		-3.1	20.0
Phenanthrene	1.099	1.083		-1.5	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.061		0.4	
Di-n-butylphthalate	1.300	1.268		-2.5	
Fluoranthene	1.311	1.276		-2.7	20.0
Pyrene	1.300	1.273		-2.1	
Terphenyl-d14	1.093	1.041		-4.8	
Butylbenzylphthalate	0.589	0.574		-2.5	
3,3-Dichlorobenzidine	0.497	0.487		-2.0	
Benzo(a)anthracene	1.319	1.282		-2.8	
Chrysene	1.235	1.205		-2.4	
Bis(2-ethylhexyl)phthalate	0.867	0.799		-7.8	
Di-n-octyl phthalate	1.492	1.388		-7.0	20.0
Benzo(b)fluoranthene	1.179	1.144		-3.0	
Benzo(k)fluoranthene	1.180	1.167		-1.1	
Benzo(a)pyrene	1.148	1.140		-0.7	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.451		-1.1	
Dibenzo(a,h)anthracene	1.199	1.203		0.3	
Benzo(g,h,i)perylene	1.178	1.174		-0.3	
1,2,4,5-Tetrachlorobenzene	0.578	0.586		1.4	
1,4-Dioxane	0.472	0.466		-1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.380		0.8	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2924

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.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	1.238		2.8	
Benzaldehyde	1.082	1.311		21.2	
Phenol-d6	1.544	1.536		-0.5	
Phenol	1.620	1.579		-2.5	20.0
bis(2-Chloroethyl)ether	1.263	1.232		-2.5	
2-Chlorophenol	1.359	1.354		-0.4	
2-Methylphenol	1.125	1.095		-2.7	
2,2-oxybis(1-Chloropropane)	1.692	1.682		-0.6	
Acetophenone	0.502	0.498		-0.8	
3+4-Methylphenols	1.560	1.460		-6.4	
n-Nitroso-di-n-propylamine	1.023	0.944	0.050	-7.7	
Nitrobenzene-d5	0.395	0.403		2.0	
Hexachloroethane	0.563	0.567		0.7	
Nitrobenzene	0.353	0.356		0.9	
Isophorone	0.700	0.679		-3.0	
2-Nitrophenol	0.181	0.189		4.4	20.0
2,4-Dimethylphenol	0.312	0.308		-1.3	
bis(2-Chloroethoxy)methane	0.423	0.409		-3.3	
2,4-Dichlorophenol	0.310	0.308		-0.6	20.0
Naphthalene	1.040	1.016		-2.3	
4-Chloroaniline	0.459	0.440		-4.1	
Hexachlorobutadiene	0.211	0.212		0.5	20.0
Caprolactam	0.114	0.106		-7.0	
4-Chloro-3-methylphenol	0.355	0.344		-3.1	20.0
2-Methylnaphthalene	0.676	0.650		-3.8	
Hexachlorocyclopentadiene	0.349	0.378	0.050	8.3	
2,4,6-Trichlorophenol	0.390	0.414		6.2	20.0
2-Fluorobiphenyl	1.463	1.454		-0.6	
2,4,5-Trichlorophenol	0.427	0.455		6.6	
1,1-Biphenyl	1.453	1.465		0.8	
2-Chloronaphthalene	1.131	1.145		1.2	
2-Nitroaniline	0.329	0.352		7.0	
Dimethylphthalate	1.465	1.457		-0.5	
Acenaphthylene	1.871	1.885		0.7	
2,6-Dinitrotoluene	0.309	0.317		2.6	
3-Nitroaniline	0.347	0.352		1.4	
Acenaphthene	1.098	1.071		-2.5	20.0
2,4-Dinitrophenol	0.165	0.206	0.050	24.8	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

Form VII SV-1

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.: Q2924

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.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	1.708		-1.6	
2,4-Dinitrotoluene	0.440	0.449		2.0	
Diethylphthalate	1.488	1.476		-0.8	
4-Chlorophenyl-phenylether	0.681	0.673		-1.2	
Fluorene	1.370	1.330		-2.9	
4-Nitroaniline	0.356	0.360		1.1	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.600		-1.6	20.0
2,4,6-Tribromophenol	0.269	0.279		3.7	
4-Bromophenyl-phenylether	0.220	0.223		1.4	
Hexachlorobenzene	0.255	0.259		1.6	
Atrazine	0.228	0.224		-1.8	
Pentachlorophenol	0.161	0.160		-0.6	20.0
Phenanthrene	1.099	1.075		-2.2	
Anthracene	1.122	1.109		-1.2	
Carbazole	1.057	1.018		-3.7	
Di-n-butylphthalate	1.300	1.288		-0.9	
Fluoranthene	1.311	1.234		-5.9	20.0
Pyrene	1.300	1.297		-0.2	
Terphenyl-d14	1.093	1.098		0.5	
Butylbenzylphthalate	0.589	0.609		3.4	
3,3-Dichlorobenzidine	0.497	0.499		0.4	
Benzo(a)anthracene	1.319	1.294		-1.9	
Chrysene	1.235	1.223		-1.0	
Bis(2-ethylhexyl)phthalate	0.867	0.871		0.5	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Benzo(b)fluoranthene	1.179	1.158		-1.8	
Benzo(k)fluoranthene	1.180	1.141		-3.3	
Benzo(a)pyrene	1.148	1.118		-2.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.442		-1.7	
Dibenzo(a,h)anthracene	1.199	1.179		-1.7	
Benzo(g,h,i)perylene	1.178	1.147		-2.6	
1,2,4,5-Tetrachlorobenzene	0.578	0.600		3.8	
1,4-Dioxane	0.472	0.478		1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.382		1.3	

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.: Q2924

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.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	1.204		0.0	
Benzaldehyde	1.082	1.320		22.0	
Phenol-d6	1.544	1.563		1.2	
Phenol	1.620	1.636		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.242		-1.7	
2-Chlorophenol	1.359	1.356		-0.2	
2-Methylphenol	1.125	1.127		0.2	
2,2-oxybis(1-Chloropropane)	1.692	1.723		1.8	
Acetophenone	0.502	0.496		-1.2	
3+4-Methylphenols	1.560	1.513		-3.0	
n-Nitroso-di-n-propylamine	1.023	1.032	0.050	0.9	
Nitrobenzene-d5	0.395	0.395		0.0	
Hexachloroethane	0.563	0.563		0.0	
Nitrobenzene	0.353	0.352		-0.3	
Isophorone	0.700	0.708		1.1	
2-Nitrophenol	0.181	0.187		3.3	20.0
2,4-Dimethylphenol	0.312	0.310		-0.6	
bis(2-Chloroethoxy)methane	0.423	0.417		-1.4	
2,4-Dichlorophenol	0.310	0.310		0.0	20.0
Naphthalene	1.040	1.018		-2.1	
4-Chloroaniline	0.459	0.458		-0.2	
Hexachlorobutadiene	0.211	0.206		-2.4	20.0
Caprolactam	0.114	0.121		6.1	
4-Chloro-3-methylphenol	0.355	0.363		2.3	20.0
2-Methylnaphthalene	0.676	0.657		-2.8	
Hexachlorocyclopentadiene	0.349	0.280	0.050	-19.8	
2,4,6-Trichlorophenol	0.390	0.385		-1.3	20.0
2-Fluorobiphenyl	1.463	1.415		-3.3	
2,4,5-Trichlorophenol	0.427	0.424		-0.7	
1,1-Biphenyl	1.453	1.400		-3.6	
2-Chloronaphthalene	1.131	1.094		-3.3	
2-Nitroaniline	0.329	0.360		9.4	
Dimethylphthalate	1.465	1.499		2.3	
Acenaphthylene	1.871	1.827		-2.4	
2,6-Dinitrotoluene	0.309	0.331		7.1	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.046		-4.7	20.0
2,4-Dinitrophenol	0.165	0.204	0.050	23.6	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

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.: Q2924

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.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	1.718		-1.0	
2,4-Dinitrotoluene	0.440	0.481		9.3	
Diethylphthalate	1.488	1.550		4.2	
4-Chlorophenyl-phenylether	0.681	0.690		1.3	
Fluorene	1.370	1.386		1.2	
4-Nitroaniline	0.356	0.391		9.8	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.593		-2.8	20.0
2,4,6-Tribromophenol	0.269	0.296		10.0	
4-Bromophenyl-phenylether	0.220	0.217		-1.4	
Hexachlorobenzene	0.255	0.256		0.4	
Atrazine	0.228	0.234		2.6	
Pentachlorophenol	0.161	0.155		-3.7	20.0
Phenanthrene	1.099	1.066		-3.0	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.047		-0.9	
Di-n-butylphthalate	1.300	1.367		5.2	
Fluoranthene	1.311	1.324		1.0	20.0
Pyrene	1.300	1.296		-0.3	
Terphenyl-d14	1.093	1.122		2.7	
Butylbenzylphthalate	0.589	0.630		7.0	
3,3-Dichlorobenzidine	0.497	0.494		-0.6	
Benzo(a)anthracene	1.319	1.299		-1.5	
Chrysene	1.235	1.231		-0.3	
Bis(2-ethylhexyl)phthalate	0.867	0.884		2.0	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Benzo(b)fluoranthene	1.179	1.165		-1.2	
Benzo(k)fluoranthene	1.180	1.169		-0.9	
Benzo(a)pyrene	1.148	1.139		-0.8	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.427		-2.7	
Dibenzo(a,h)anthracene	1.199	1.176		-1.9	
Benzo(g,h,i)perylene	1.178	1.148		-2.5	
1,2,4,5-Tetrachlorobenzene	0.578	0.565		-2.2	
1,4-Dioxane	0.472	0.463		-1.9	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.394		4.5	

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. Q2924
COC Number 2045003

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: 60137362 LOCATION: Brooklyn, NY
PROJECT MANAGER: Peter S. Cox, P.G.
e-mail: pete.cox@aecom.com
PHONE: 1-978-905-2100 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 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 2: 8260D-VOCs 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)	PRESERVATIVES 2 (A)	PRESERVATIVES 3	PRESERVATIVES 4	PRESERVATIVES 5	PRESERVATIVES 6	PRESERVATIVES 7	PRESERVATIVES 8	PRESERVATIVES 9	COMMENTS
1.	MW-10C-082025	W		X	8/20/25	0916	3	✓	X								
2.	MW-20I-082025	W		X	8/20/25	0945	3	X	X								
3.	MS-02-082025	W		X	8/20/25	0946	3	X	X								
4.	MSD-02-082025	W		X	8/20/25	0946	3	X	X								
5.	MW-2B-082025	W		X	8/20/25	0945	3	X	X								
6.	MW-2A-082025	W		X	8/20/25	1031	3	X	X								
7.	MW-18C-082025	W		X	8/20/25	1146	3	X	X								
8.	MW-16A-082025	W		X	8/20/25	1216	3	X	X								
9.	MW-16C-082025	W		X	8/20/25	1225	3	X	X								
10.	MW-8A-082025	W		X	8/20/25	1325	3	X	X								

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

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

	DATE/TIME	RECEIVED BY	DATE/TIME
1. RELINQUISHED BY SAMPLER:	8/20/25	1.	1530 8-20-25
2. RELINQUISHED BY SAMPLER:	DATE/TIME:	2. RECEIVED BY:	
3. RELINQUISHED BY SAMPLER:	DATE/TIME: 1729 8.20.25	3. RECEIVED BY:	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.3 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

ALLIANCE PROJECT NO.: Q2924
QUOTE NO.:
COC Number 2045002

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: 1-978-905-21[illegible] FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Equity
PROJECT NO.: LOCATION: Brooklyn, NY
PROJECT MANAGER: Peter S. Cox P.G.
e-mail: pete.cox@aecom.com
PHONE: 1-978-905-2100 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-SVOCS
2: 8260D-VOCS
3. 4. 5. 6. 7. 8. 9.

PRESERVATIVES

E A

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRES 1	PRES 2	PRES 3	PRES 4	PRES 5	PRES 6	PRES 7	PRES 8	PRES 9
1.	FB-01-082025	W		X	8/20/25	1350	3	X	X							
2.	TB	W		X	8/18/25	0800	2		X							
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/20/25	1. 1530 8.20.25
2.	DATE/TIME:	RECEIVED BY: 2.
3.	DATE/TIME: 1729 8-20-25	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.5 °C
Comments:

Page ____ of
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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2924 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/20/2025 3:43:00 PM
Project Name : National Grid Equity - Broo
Receive DateTime : 8/20/2025 5:29:00 PM
Purchase Order :

Project Mgr : Deepak
Report Type : NYS ASP A
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff : 8/21/2025 9:28:59 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2924-01	MW-10C-082025	Water	08/20/2025	09:16	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-02	MW-201-082025	Water	08/20/2025	08:45	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-03	Q2924-02MS	Water	08/20/2025	08:45	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-04	Q2924-02MSD	Water	08/20/2025	08:45	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-05	MW-2B-082025	Water	08/20/2025	09:45	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-06	MW-2A-082025	Water	08/20/2025	10:31	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-07	MW-18C-082025	Water	08/20/2025	11:46	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2924-08	MW-16A-082025	Water	08/20/2025	12:16					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2924 AECO02
Client Name : AECOM
Client Contact : Peter S
Invoice Name : AECOM
Invoice Contact : Peter S

Order Date : 8/20/2025 3:43:00 PM
Project Name : National Grid Equity - Broc
Receive DateTime : 8/20/2025 5:29:00 PM
Purchase Order :

Project Mgr :
Report Type : 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
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2924-09	MW-16C-~~08205~~ 082025	Water	08/20/2025	12:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2924-10	MW-8A-082025	Water	08/20/2025	13:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2924-11	FB-01-082025	Water	08/20/2025	13:~~30~~ 50					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2924-12	TB	Water	08/20/2025	08:00					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinguished By : CP
Date / Time : 8/21/25 9:10

Received By :
Date / Time : 8/21/25 910
Storage Area : VOA Refridgerator Room