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

LAB CHRONICLE

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

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

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

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

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

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

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

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

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Hit Summary Sheet
SW-846

SDG No.: Q2903

Client: AECOM

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

Client ID : MW-16B-081925

Q2903-12	MW-16B-081925	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.500	AB	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	Benzophenone	*	2.300	J	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	Hexadecanoic acid, 1,1-dimethyle	*	3.300	J	0	0	ug/L
Q2903-12	MW-16B-081925	WATER	n-Hexadecanoic acid	*	2.300	J	0	0	ug/L
			Total Tics :		**123.40**				
			Total Concentration:		**123.40**				

SAMPLE DATA

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

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

QC SUMMARY

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

SW-846

SDG No.: Q2903

Client: AECOM

Analytical Method: 8270E

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

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Surrogate Summary

SW-846

SDG No.: Q2903

Client: AECOM

Analytical Method: 8270E

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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

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

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

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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

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

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

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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

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

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

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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

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

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

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

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

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

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

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

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

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

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169330BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2903

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

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

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

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

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

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

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

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

Instrument ID: BNA_F DFTPP Injection Time: 10:26

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

1-Value is % mass 69

2-Value is % mass 442

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

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

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

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

Instrument ID: BNA_F DFTPP Injection Time: 09:30

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

1-Value is % mass 69

2-Value is % mass 442

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

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q2903

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

Instrument ID: BNA_P DFTPP Injection Time: 10:30

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

1-Value is % mass 69

2-Value is % mass 442

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

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q2903

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

Instrument ID: BNA_P | DFTPP Injection Time: 10:08

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

1-Value is % mass 69

2-Value is % mass 442

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2903

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

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

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

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

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2903

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

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

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

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

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2903

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

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

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

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

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2903

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

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

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

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

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

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

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

QC SAMPLE DATA

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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

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

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Fax : 908 789 8922

Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	48.0		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	53.6		0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.5		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	45.2		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	20.0		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.9		0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.0		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	44.9		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.2		67 - 132	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.1		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		44 - 137	99%	SPK: 150
1718-51-0	Terphenyl-d14	97.5		42 - 152	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	107000	6.922			
1146-65-2	Naphthalene-d8	425000	8.21			
15067-26-2	Acenaphthene-d10	250000	9.969			
1517-22-2	Phenanthrene-d10	414000	11.457			
1719-03-5	Chrysene-d12	243000	14.098			
1520-96-3	Perylene-d12	233000	15.598			

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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Report of Analysis

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

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

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

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

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

CALIBRATION SUMMARY

Response Factor Report BNA_F

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

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

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

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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

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

(#) = Out of Range

Response Factor Report MSBNA_P

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

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

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

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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

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2903

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

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

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
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	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Lab Code: ACE SDG No.: Q2903

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

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2903

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

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

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

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

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

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q2903

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

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.