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

LAB CHRONICLE

OrderID:	Q2268	**OrderDate:**	6/6/2025 2:21:00 PM
Client:	PARSONS Engineering of New York, Inc.	**Project:**	Con Ed Non MGP – Atlantic Ave 453957.600024.05
Contact:	Stephen Liberatore	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2268-03	**MW-2-20250605**	**Water**			**06/05/25**			**06/06/25**
			SVOCMS Group1	8270E		06/10/25	06/11/25	
Q2268-03DL	**MW-2-20250605DL**	**Water**			**06/05/25**			**06/06/25**
			SVOCMS Group1	8270E		06/10/25	06/11/25	
Q2268-06	**MW-2-20250605-A**	**Water**			**06/05/25**			**06/06/25**
			SVOCMS Group1	8270E		06/10/25	06/11/25	
Q2268-06DL	**MW-2-20250605-ADL**	**Water**			**06/05/25**			**06/06/25**
			SVOCMS Group1	8270E		06/10/25	06/12/25	
Q2268-07	**MW-6-20250605**	**Water**			**06/05/25**			**06/06/25**
			SVOCMS Group1	8270E		06/10/25	06/11/25	
Q2268-07DL	**MW-6-20250605DL**	**Water**			**06/05/25**			**06/06/25**
			SVOCMS Group1	8270E		06/10/25	06/12/25	
Q2268-08	**MW-3-20250605**	**Water**			**06/05/25**			**06/06/25**
			SVOCMS Group1	8270E		06/10/25	06/11/25	
Q2268-08DL	**MW-3-20250605DL**	**Water**			**06/05/25**			**06/06/25**
			SVOCMS Group1	8270E		06/10/25	06/12/25	
Q2268-10	**FB-20250605**	**Water**			**06/05/25**			**06/06/25**
			SVOCMS Group1	8270E		06/10/25	06/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW-2-20250605									
Q2268-03	MW-2-20250605	WATER	2,4-Dimethylphenol		4.200	J	1.9	5.2	ug/L
Q2268-03	MW-2-20250605	WATER	Naphthalene		130.000	E	0.52	5.2	ug/L
Q2268-03	MW-2-20250605	WATER	2-Methylnaphthalene		46.900		0.58	5.2	ug/L
Q2268-03	MW-2-20250605	WATER	Carbazole		2.600	J	0.75	5.2	ug/L
			Total Svoc :		**183.70**				
Q2268-03	MW-2-20250605	WATER	9-Octadecenoic acid, (E)-	*	8.300	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Benzene, (1-methylethyl)-	*	24.500	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Benzene, 1,2,3-trimethyl-	*	170.000	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Benzene, 1,3-diethyl-	*	29.800	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Benzene, 1,3-dimethyl-	*	190.000	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Benzene, 1,4-diethyl-	*	35.800	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Benzene, 1-ethenyl-2-methyl-	*	8.400	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Benzene, 1-ethyl-2,3-dimethyl-	*	22.500	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Benzene, 1-ethyl-3-methyl-	*	79.400	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Benzene, 1-ethyl-4-methyl-	*	59.400	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Benzene, 1-methyl-4-propyl-	*	18.600	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	11.200	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	2-Hexene, 3-methyl-, (Z)-	*	14.600	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Cyclopentene, 1,2,3-trimethyl-	*	11.800	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Cyclopentene, 4,4-dimethyl-	*	9.000	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Indane-5-carboxylic acid	*	10.000	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	n-Hexadecanoic acid	*	9.300	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	N-Isobutyl(phenyl)methanesulfon	*	43.400	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	*	150.000	J	0	0	ug/L
Q2268-03	MW-2-20250605	WATER	1-Methylnaphthalene	*	26.000	J	0.69	5.2	ug/L
			Total Tics :		**932.00**				
			Total Concentration:		**1,115.70**				
Client ID : MW-2-20250605DL									
Q2268-03DL	MW-2-20250605DL	WATER	2,4-Dimethylphenol		4.300	JD	3.9	10.4	ug/L
Q2268-03DL	MW-2-20250605DL	WATER	Naphthalene		150.000	D	1	10.4	ug/L
Q2268-03DL	MW-2-20250605DL	WATER	2-Methylnaphthalene		52.400	D	1.2	10.4	ug/L
			Total Svoc :		**206.70**				
			Total Concentration:		**206.70**				
Client ID : MW-2-20250605-A									
Q2268-06	MW-2-20250605-A	WATER	2,4-Dimethylphenol		3.800	J	1.9	5.2	ug/L
Q2268-06	MW-2-20250605-A	WATER	Naphthalene		110.000	E	0.52	5.2	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2268-06	MW-2-20250605-A	WATER	2-Methylnaphthalene		38.800		0.58	5.2	ug/L
Q2268-06	MW-2-20250605-A	WATER	Carbazole		2.400	J	0.75	5.2	ug/L
			Total Svoc :		**155.00**				
Q2268-06	MW-2-20250605-A	WATER	2-Hexene, 2-methyl-	*	11.400	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	7-Methylindan-1-one	*	8.200	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Benzene, (1-methylethyl)-	*	20.700	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Benzene, 1,2,3-trimethyl-	*	150.000	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Benzene, 1,3-diethyl-	*	26.100	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Benzene, 1,3-dimethyl-	*	160.000	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Benzene, 1,4-diethyl-	*	31.600	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Benzene, 1-ethyl-4-methyl-	*	52.600	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Benzene, 1-methyl-4-propyl-	*	16.200	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	10.000	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Benzoic acid, 3,4-dimethyl-	*	6.700	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Cyclobutane, (1-methylethylidene	*	10.900	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Cyclohexene, 1-methyl-	*	6.800	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Cyclopentene, 1,2,3-trimethyl-	*	9.900	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Indane-5-carboxylic acid	*	8.000	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	N-Benzyl-2-phenethylamine	*	34.700	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	o-Cymene	*	20.200	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	*	130.000	J	0	0	ug/L
Q2268-06	MW-2-20250605-A	WATER	1-Methylnaphthalene	*	21.300	J	0.69	5.2	ug/L
			Total Tics :		**735.30**				
			Total Concentration:		**890.30**				
Client ID :	**MW-2-20250605-ADL**								
Q2268-06DL	MW-2-20250605-ADL	WATER	Naphthalene		120.000	D	1	10.4	ug/L
Q2268-06DL	MW-2-20250605-ADL	WATER	2-Methylnaphthalene		44.000	D	1.2	10.4	ug/L
			Total Svoc :		**164.00**				
			Total Concentration:		**164.00**				
Client ID :	**MW-6-20250605**								
Q2268-07	MW-6-20250605	WATER	Phenol		5.500		0.95	5.2	ug/L
Q2268-07	MW-6-20250605	WATER	2,4-Dimethylphenol		110.000	E	1.9	5.2	ug/L
			Total Svoc :		**115.50**				
Q2268-07	MW-6-20250605	WATER	Benzene, 1,3-diethyl-	*	10.700	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	Benzene, 1-ethenyl-4-methyl-	*	10.900	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	Benzene, 1-ethyl-3-methyl-	*	47.600	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	14.800	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	Benzene, 2-ethyl-1,4-dimethyl-	*	21.600	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	Benzenemethanol, 4-methyl-	*	11.000	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	Benzoic acid, 2,5-dimethyl-	*	14.300	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2268-07	MW-6-20250605	WATER	Benzoic acid, 2,6-dimethyl-	*	27.400	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	Benzoic acid, 3,4-dimethyl-	*	18.800	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	Benzoic acid, 3-methyl-	*	37.200	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	Benzoic acid, 4-methyl-	*	23.000	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	1H-Inden-5-ol, 2,3-dihydro-	*	80.000	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	1H-Indene-4-carboxaldehyde, 2,3-	*	11.900	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	1-Methylindan-2-one	*	10.400	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	Phenol, 2-ethyl-4-methyl-	*	11.900	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	Phenol, 3,4,5-trimethyl-	*	25.200	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	unknown11.139	*	23.900	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	unknown12.875	*	13.600	J	0	0	ug/L
Q2268-07	MW-6-20250605	WATER	unknown3.934	*	11.900	J	0	0	ug/L
			Total Tics :		**426.10**				
			Total Concentration:		**541.60**				
Client ID :	**MW-6-20250605DL**								
Q2268-07DL	MW-6-20250605DL	WATER	Phenol		6.500	JD	1.9	10.4	ug/L
Q2268-07DL	MW-6-20250605DL	WATER	2,4-Dimethylphenol		130.000	D	3.9	10.4	ug/L
			Total Svoc :		**136.50**				
			Total Concentration:		**136.50**				
Client ID :	**MW-3-20250605**								
Q2268-08	MW-3-20250605	WATER	2,4-Dimethylphenol		140.000	E	1.9	5.2	ug/L
			Total Svoc :		**140.00**				
Q2268-08	MW-3-20250605	WATER	1H-Inden-1-one, 2,3-dihydro-	*	49.600	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Benzene, 1,2,3-trimethyl-	*	100.000	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Benzene, 1,2,4,5-tetramethyl-	*	16.000	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Benzene, 1,3-diethyl-	*	22.200	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Benzene, 1,3-dimethyl-	*	260.000	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Benzene, 1-ethenyl-4-ethyl-	*	30.200	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Benzene, 1-ethyl-4-methyl-	*	130.000	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Benzene, 2-ethyl-1,4-dimethyl-	*	39.000	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Benzene, 2-propenyl-	*	43.700	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Benzoic acid, 2,3-dimethyl-	*	27.400	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Ethanone, 1-(4-ethylphenyl)-	*	22.600	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	o-Cymene	*	17.100	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Phenol, 2,6-dimethyl-	*	23.400	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Phenol, 2-ethyl-6-methyl-	*	23.300	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	*	68.300	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	unknown8.439	*	100.000	J	0	0	ug/L
Q2268-08	MW-3-20250605	WATER	unknown8.698	*	16.300	J	0	0	ug/L
			Total Tics :		**989.10**				

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		**1,129.10**				
Client ID :	**MW-3-20250605DL**								
Q2268-08DL	MW-3-20250605DL	WATER	2,4-Dimethylphenol		160.000	D	3.9	10.4	ug/L
			Total Svoc :		**160.00**				
			Total Concentration:		**160.00**				
Client ID :	**FB-20250605**								
Q2268-10	FB-20250605	WATER	1-Propanol, 2-(2-hydroxypropoxy	*	8.400	J	0	0	ug/L
Q2268-10	FB-20250605	WATER	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	3.400	J	0	0	ug/L
Q2268-10	FB-20250605	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	9.100	AB	0	0	ug/L
Q2268-10	FB-20250605	WATER	2-Propanol, 1-[1-methyl-2-(2-prop	*	5.600	J	0	0	ug/L
Q2268-10	FB-20250605	WATER	unknown17.580	*	8.600	J	0	0	ug/L
			Total Tics :		**35.10**				
			Total Concentration:		**35.10**				

SAMPLE DATA

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

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142734.D	1	06/10/25 08:10	06/11/25 14:50	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.4	ug/L
108-95-2	Phenol	0.95	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.84	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	0.60	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.20	ug/L
98-86-2	Acetophenone	0.77	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	0.68	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	0.79	U	0.79	5.20	ug/L
78-59-1	Isophorone	0.78	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	4.20	J	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.71	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.54	U	0.54	5.20	ug/L
91-20-3	Naphthalene	130	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	0.88	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	0.56	U	0.56	5.20	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.61	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	46.9		0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	3.80	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.53	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	0.65	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	0.55	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	0.64	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	0.64	U	0.64	5.20	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142734.D	1	06/10/25 08:10	06/11/25 14:50	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.78	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	0.96	U	0.96	5.20	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	0.57	U	0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	6.20	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	2.50	U	2.50	10.4	ug/L
132-64-9	Dibenzofuran	0.64	U	0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	0.72	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.71	U	0.71	5.20	ug/L
86-73-7	Fluorene	0.66	U	0.66	5.20	ug/L
100-01-6	4-Nitroaniline	1.60	U	1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.60	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	0.54	U	0.54	5.20	ug/L
1912-24-9	Atrazine	1.10	U	1.10	5.20	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	0.52	U	0.52	5.20	ug/L
120-12-7	Anthracene	0.64	U	0.64	5.20	ug/L
86-74-8	Carbazole	2.60	J	0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.30	U	1.30	5.20	ug/L
206-44-0	Fluoranthene	0.85	U	0.85	5.20	ug/L
129-00-0	Pyrene	0.52	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	0.97	U	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.47	U	0.47	5.20	ug/L
218-01-9	Chrysene	0.46	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.51	U	0.51	5.20	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142734.D	1	06/10/25 08:10	06/11/25 14:50	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.50	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	0.57	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.70	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.72	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	56.5		23 - 138	38%	SPK: 150
13127-88-3	Phenol-d6	52.6		10 - 134	35%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.6		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.7		52 - 132	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		44 - 137	81%	SPK: 150
1718-51-0	Terphenyl-d14	60.7		42 - 152	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	57600	6.893			
1146-65-2	Naphthalene-d8	210000	8.181			
15067-26-2	Acenaphthene-d10	108000	9.934			
1517-22-2	Phenanthrene-d10	167000	11.422			
1719-03-5	Chrysene-d12	133000	14.063			
1520-96-3	Perylene-d12	158000	15.563			
TENTATIVE IDENTIFIED COMPOUNDS						
010574-36-4	2-Hexene, 3-methyl-, (Z)-	14.6	J		2.57	ug/L
019037-72-0	Cyclopentene, 4,4-dimethyl-	9.00	J		3.68	ug/L
000473-91-6	Cyclopentene, 1,2,3-trimethyl-	11.8	J		4.66	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	190	J		5.39	ug/L
000098-82-8	Benzene, (1-methylethyl)-	24.5	J		6.06	ug/L
144615-94-1	N-Isobutyl(phenyl)methanesulfonami	43.4	J		6.35	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	59.4	J		6.58	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142734.D	1	06/10/25 08:10	06/11/25 14:50	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000526-73-8	Benzene, 1,2,3-trimethyl-	170	J		6.72	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	79.4	J		6.95	ug/L
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	150	J		7.08	ug/L
000141-93-5	Benzene, 1,3-diethyl-	29.8	J		7.14	ug/L
000105-05-5	Benzene, 1,4-diethyl-	35.8	J		7.21	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	18.6	J		7.29	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	22.5	J		7.36	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	11.2	J		7.92	ug/L
90-12-0	1-Methylnaphthalene	26.0	J		8.99	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	8.40	J		9.18	ug/L
065898-38-6	Indane-5-carboxylic acid	10.0	J		10.2	ug/L
000057-10-3	n-Hexadecanoic acid	9.30	J		11.9	ug/L
000112-79-8	9-Octadecenoic acid, (E)-	8.30	J		12.7	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:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605DL	SDG No.:	Q2268
Lab Sample ID:	Q2268-03DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142744.D	2	06/10/25 08:10	06/11/25 19:48	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	8.10	UD	8.10	20.8	ug/L
108-95-2	Phenol	1.90	UD	1.90	10.4	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.70	UD	1.70	10.4	ug/L
95-57-8	2-Chlorophenol	1.20	UD	1.20	10.4	ug/L
95-48-7	2-Methylphenol	2.30	UD	2.30	10.4	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.70	UD	2.70	10.4	ug/L
98-86-2	Acetophenone	1.50	UD	1.50	10.4	ug/L
65794-96-9	3+4-Methylphenols	2.30	UD	2.30	20.8	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.90	UD	2.90	5.20	ug/L
67-72-1	Hexachloroethane	1.40	UD	1.40	10.4	ug/L
98-95-3	Nitrobenzene	1.60	UD	1.60	10.4	ug/L
78-59-1	Isophorone	1.60	UD	1.60	10.4	ug/L
88-75-5	2-Nitrophenol	3.70	UD	3.70	10.4	ug/L
105-67-9	2,4-Dimethylphenol	4.30	JD	3.90	10.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.40	UD	1.40	10.4	ug/L
120-83-2	2,4-Dichlorophenol	1.10	UD	1.10	10.4	ug/L
91-20-3	Naphthalene	150	D	1.00	10.4	ug/L
106-47-8	4-Chloroaniline	1.80	UD	1.80	10.4	ug/L
87-68-3	Hexachlorobutadiene	1.10	UD	1.10	10.4	ug/L
105-60-2	Caprolactam	2.40	UD	2.40	20.8	ug/L
59-50-7	4-Chloro-3-methylphenol	1.20	UD	1.20	10.4	ug/L
91-57-6	2-Methylnaphthalene	52.4	D	1.20	10.4	ug/L
77-47-4	Hexachlorocyclopentadiene	7.60	UD	7.60	20.8	ug/L
88-06-2	2,4,6-Trichlorophenol	1.10	UD	1.10	10.4	ug/L
95-95-4	2,4,5-Trichlorophenol	1.30	UD	1.30	10.4	ug/L
92-52-4	1,1-Biphenyl	1.10	UD	1.10	10.4	ug/L
91-58-7	2-Chloronaphthalene	1.30	UD	1.30	10.4	ug/L
88-74-4	2-Nitroaniline	2.60	UD	2.60	10.4	ug/L
131-11-3	Dimethylphthalate	1.30	UD	1.30	10.4	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605DL	SDG No.:	Q2268
Lab Sample ID:	Q2268-03DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142744.D	2	06/10/25 08:10	06/11/25 19:48	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.60	UD	1.60	10.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.90	UD	1.90	10.4	ug/L
99-09-2	3-Nitroaniline	2.20	UD	2.20	10.4	ug/L
83-32-9	Acenaphthene	1.10	UD	1.10	10.4	ug/L
51-28-5	2,4-Dinitrophenol	12.4	UD	12.4	20.8	ug/L
100-02-7	4-Nitrophenol	5.00	UD	5.00	20.8	ug/L
132-64-9	Dibenzofuran	1.30	UD	1.30	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	2.50	UD	2.50	10.4	ug/L
84-66-2	Diethylphthalate	1.40	UD	1.40	10.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.40	UD	1.40	10.4	ug/L
86-73-7	Fluorene	1.30	UD	1.30	10.4	ug/L
100-01-6	4-Nitroaniline	3.10	UD	3.10	10.4	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.00	UD	6.00	20.8	ug/L
86-30-6	n-Nitrosodiphenylamine	1.20	UD	1.20	10.4	ug/L
101-55-3	4-Bromophenyl-phenylether	0.83	UD	0.83	10.4	ug/L
118-74-1	Hexachlorobenzene	1.10	UD	1.10	10.4	ug/L
1912-24-9	Atrazine	2.10	UD	2.10	10.4	ug/L
87-86-5	Pentachlorophenol	3.30	UD	3.30	20.8	ug/L
85-01-8	Phenanthrene	1.00	UD	1.00	10.4	ug/L
120-12-7	Anthracene	1.30	UD	1.30	10.4	ug/L
86-74-8	Carbazole	1.50	UD	1.50	10.4	ug/L
84-74-2	Di-n-butylphthalate	2.50	UD	2.50	10.4	ug/L
206-44-0	Fluoranthene	1.70	UD	1.70	10.4	ug/L
129-00-0	Pyrene	1.00	UD	1.00	10.4	ug/L
85-68-7	Butylbenzylphthalate	4.00	UD	4.00	10.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.90	UD	1.90	20.8	ug/L
56-55-3	Benzo(a)anthracene	0.94	UD	0.94	10.4	ug/L
218-01-9	Chrysene	0.92	UD	0.92	10.4	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.30	UD	3.30	10.4	ug/L
117-84-0	Di-n-octyl phthalate	4.90	UD	4.90	20.8	ug/L
205-99-2	Benzo(b)fluoranthene	1.00	UD	1.00	10.4	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605DL	SDG No.:	Q2268
Lab Sample ID:	Q2268-03DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142744.D	2	06/10/25 08:10	06/11/25 19:48	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.00	UD	1.00	10.4	ug/L
50-32-8	Benzo(a)pyrene	1.10	UD	1.10	10.4	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.20	UD	1.20	10.4	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.40	UD	1.40	10.4	ug/L
191-24-2	Benzo(g,h,i)perylene	1.40	UD	1.40	10.4	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	UD	1.10	10.4	ug/L
123-91-1	1,4-Dioxane	2.10	UD	2.10	10.4	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.50	UD	1.50	10.4	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	65.1		23 - 138	43%	SPK: 150
13127-88-3	Phenol-d6	56.7		10 - 134	38%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.4		67 - 132	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.6		52 - 132	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		44 - 137	87%	SPK: 150
1718-51-0	Terphenyl-d14	67.9		42 - 152	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	55100	6.892			
1146-65-2	Naphthalene-d8	199000	8.175			
15067-26-2	Acenaphthene-d10	101000	9.927			
1517-22-2	Phenanthrene-d10	158000	11.421			
1719-03-5	Chrysene-d12	135000	14.062			
1520-96-3	Perylene-d12	151000	15.556			

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:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605-A	SDG No.:	Q2268
Lab Sample ID:	Q2268-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142737.D	1	06/10/25 08:10	06/11/25 16:19	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.4	ug/L
108-95-2	Phenol	0.95	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.84	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	0.60	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.20	ug/L
98-86-2	Acetophenone	0.77	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	0.68	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	0.79	U	0.79	5.20	ug/L
78-59-1	Isophorone	0.78	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	3.80	J	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.71	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.54	U	0.54	5.20	ug/L
91-20-3	Naphthalene	110	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	0.88	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	0.56	U	0.56	5.20	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.61	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	38.8		0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	3.80	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.53	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	0.65	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	0.55	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	0.64	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	0.64	U	0.64	5.20	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605-A	SDG No.:	Q2268
Lab Sample ID:	Q2268-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142737.D	1	06/10/25 08:10	06/11/25 16:19	PB168376

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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605-A	SDG No.:	Q2268
Lab Sample ID:	Q2268-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142737.D	1	06/10/25 08:10	06/11/25 16:19	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.50	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	0.57	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.70	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.72	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	62.1		23 - 138	41%	SPK: 150
13127-88-3	Phenol-d6	45.9		10 - 134	31%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.0		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.3		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	58.7		42 - 152	59%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	56900	6.893			
1146-65-2	Naphthalene-d8	200000	8.175			
15067-26-2	Acenaphthene-d10	99400	9.928			
1517-22-2	Phenanthrene-d10	153000	11.416			
1719-03-5	Chrysene-d12	136000	14.063			
1520-96-3	Perylene-d12	159000	15.557			
TENTATIVE IDENTIFIED COMPOUNDS						
002738-19-4	2-Hexene, 2-methyl-	11.4	J		2.57	ug/L
001528-22-9	Cyclobutane, (1-methylethylidene)-	10.9	J		3.68	ug/L
000591-49-1	Cyclohexene, 1-methyl-	6.80	J		4.04	ug/L
000473-91-6	Cyclopentene, 1,2,3-trimethyl-	9.90	J		4.66	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	160	J		5.39	ug/L
000098-82-8	Benzene, (1-methylethyl)-	20.7	J		6.06	ug/L
003647-71-0	N-Benzyl-2-phenethylamine	34.7	J		6.35	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605-A	SDG No.:	Q2268
Lab Sample ID:	Q2268-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142737.D	1	06/10/25 08:10	06/11/25 16:19	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000622-96-8	Benzene, 1-ethyl-4-methyl-	52.6	J		6.58	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	150	J		6.72	ug/L
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	130	J		7.08	ug/L
000141-93-5	Benzene, 1,3-diethyl-	26.1	J		7.14	ug/L
000105-05-5	Benzene, 1,4-diethyl-	31.6	J		7.21	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	16.2	J		7.29	ug/L
000527-84-4	o-Cymene	20.2	J		7.36	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	10.0	J		7.91	ug/L
90-12-0	1-Methylnaphthalene	21.3	J		8.99	ug/L
039627-61-7	7-Methylindan-1-one	8.20	J		9.18	ug/L
000619-04-5	Benzoic acid, 3,4-dimethyl-	6.70	J		9.33	ug/L
065898-38-6	Indane-5-carboxylic acid	8.00	J		10.2	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:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605-ADL	SDG No.:	Q2268
Lab Sample ID:	Q2268-06DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142753.D	2	06/10/25 08:10	06/12/25 13:00	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	8.10	UD	8.10	20.8	ug/L
108-95-2	Phenol	1.90	UD	1.90	10.4	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.70	UD	1.70	10.4	ug/L
95-57-8	2-Chlorophenol	1.20	UD	1.20	10.4	ug/L
95-48-7	2-Methylphenol	2.30	UD	2.30	10.4	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.70	UD	2.70	10.4	ug/L
98-86-2	Acetophenone	1.50	UD	1.50	10.4	ug/L
65794-96-9	3+4-Methylphenols	2.30	UD	2.30	20.8	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.90	UD	2.90	5.20	ug/L
67-72-1	Hexachloroethane	1.40	UD	1.40	10.4	ug/L
98-95-3	Nitrobenzene	1.60	UD	1.60	10.4	ug/L
78-59-1	Isophorone	1.60	UD	1.60	10.4	ug/L
88-75-5	2-Nitrophenol	3.70	UD	3.70	10.4	ug/L
105-67-9	2,4-Dimethylphenol	3.90	UD	3.90	10.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.40	UD	1.40	10.4	ug/L
120-83-2	2,4-Dichlorophenol	1.10	UD	1.10	10.4	ug/L
91-20-3	Naphthalene	120	D	1.00	10.4	ug/L
106-47-8	4-Chloroaniline	1.80	UD	1.80	10.4	ug/L
87-68-3	Hexachlorobutadiene	1.10	UD	1.10	10.4	ug/L
105-60-2	Caprolactam	2.40	UD	2.40	20.8	ug/L
59-50-7	4-Chloro-3-methylphenol	1.20	UD	1.20	10.4	ug/L
91-57-6	2-Methylnaphthalene	44.0	D	1.20	10.4	ug/L
77-47-4	Hexachlorocyclopentadiene	7.60	UD	7.60	20.8	ug/L
88-06-2	2,4,6-Trichlorophenol	1.10	UD	1.10	10.4	ug/L
95-95-4	2,4,5-Trichlorophenol	1.30	UD	1.30	10.4	ug/L
92-52-4	1,1-Biphenyl	1.10	UD	1.10	10.4	ug/L
91-58-7	2-Chloronaphthalene	1.30	UD	1.30	10.4	ug/L
88-74-4	2-Nitroaniline	2.60	UD	2.60	10.4	ug/L
131-11-3	Dimethylphthalate	1.30	UD	1.30	10.4	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605-ADL	SDG No.:	Q2268
Lab Sample ID:	Q2268-06DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142753.D	2	06/10/25 08:10	06/12/25 13:00	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.60	UD	1.60	10.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.90	UD	1.90	10.4	ug/L
99-09-2	3-Nitroaniline	2.20	UD	2.20	10.4	ug/L
83-32-9	Acenaphthene	1.10	UD	1.10	10.4	ug/L
51-28-5	2,4-Dinitrophenol	12.4	UD	12.4	20.8	ug/L
100-02-7	4-Nitrophenol	5.00	UD	5.00	20.8	ug/L
132-64-9	Dibenzofuran	1.30	UD	1.30	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	2.50	UD	2.50	10.4	ug/L
84-66-2	Diethylphthalate	1.40	UD	1.40	10.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.40	UD	1.40	10.4	ug/L
86-73-7	Fluorene	1.30	UD	1.30	10.4	ug/L
100-01-6	4-Nitroaniline	3.10	UD	3.10	10.4	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.00	UD	6.00	20.8	ug/L
86-30-6	n-Nitrosodiphenylamine	1.20	UD	1.20	10.4	ug/L
101-55-3	4-Bromophenyl-phenylether	0.83	UD	0.83	10.4	ug/L
118-74-1	Hexachlorobenzene	1.10	UD	1.10	10.4	ug/L
1912-24-9	Atrazine	2.10	UD	2.10	10.4	ug/L
87-86-5	Pentachlorophenol	3.30	UD	3.30	20.8	ug/L
85-01-8	Phenanthrene	1.00	UD	1.00	10.4	ug/L
120-12-7	Anthracene	1.30	UD	1.30	10.4	ug/L
86-74-8	Carbazole	1.50	UD	1.50	10.4	ug/L
84-74-2	Di-n-butylphthalate	2.50	UD	2.50	10.4	ug/L
206-44-0	Fluoranthene	1.70	UD	1.70	10.4	ug/L
129-00-0	Pyrene	1.00	UD	1.00	10.4	ug/L
85-68-7	Butylbenzylphthalate	4.00	UD	4.00	10.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.90	UD	1.90	20.8	ug/L
56-55-3	Benzo(a)anthracene	0.94	UD	0.94	10.4	ug/L
218-01-9	Chrysene	0.92	UD	0.92	10.4	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.30	UD	3.30	10.4	ug/L
117-84-0	Di-n-octyl phthalate	4.90	UD	4.90	20.8	ug/L
205-99-2	Benzo(b)fluoranthene	1.00	UD	1.00	10.4	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605-ADL	SDG No.:	Q2268
Lab Sample ID:	Q2268-06DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142753.D	2	06/10/25 08:10	06/12/25 13:00	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.00	UD	1.00	10.4	ug/L
50-32-8	Benzo(a)pyrene	1.10	UD	1.10	10.4	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.20	UD	1.20	10.4	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.40	UD	1.40	10.4	ug/L
191-24-2	Benzo(g,h,i)perylene	1.40	UD	1.40	10.4	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	UD	1.10	10.4	ug/L
123-91-1	1,4-Dioxane	2.10	UD	2.10	10.4	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.50	UD	1.50	10.4	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	73.6		23 - 138	49%	SPK: 150
13127-88-3	Phenol-d6	55.0		10 - 134	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.1		67 - 132	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.6		52 - 132	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	88.9		42 - 152	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	66900	6.892			
1146-65-2	Naphthalene-d8	248000	8.175			
15067-26-2	Acenaphthene-d10	136000	9.928			
1517-22-2	Phenanthrene-d10	218000	11.416			
1719-03-5	Chrysene-d12	118000	14.063			
1520-96-3	Perylene-d12	147000	15.557			

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:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-6-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142738.D	1	06/10/25 08:10	06/11/25 16:49	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.4	ug/L
108-95-2	Phenol	5.50		0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.84	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	0.60	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.20	ug/L
98-86-2	Acetophenone	0.77	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	0.68	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	0.79	U	0.79	5.20	ug/L
78-59-1	Isophorone	0.78	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	110	E	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.71	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.54	U	0.54	5.20	ug/L
91-20-3	Naphthalene	0.52	U	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	0.88	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	0.56	U	0.56	5.20	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.61	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	0.58	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	3.80	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.53	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	0.65	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	0.55	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	0.64	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	0.64	U	0.64	5.20	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-6-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142738.D	1	06/10/25 08:10	06/11/25 16:49	PB168376

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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-6-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142738.D	1	06/10/25 08:10	06/11/25 16:49	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.50	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	0.57	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.70	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.72	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	62.0		23 - 138	41%	SPK: 150
13127-88-3	Phenol-d6	43.8		10 - 134	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.1		67 - 132	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.6		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		44 - 137	81%	SPK: 150
1718-51-0	Terphenyl-d14	56.2		42 - 152	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	51600	6.893			
1146-65-2	Naphthalene-d8	178000	8.175			
15067-26-2	Acenaphthene-d10	91600	9.928			
1517-22-2	Phenanthrene-d10	141000	11.416			
1719-03-5	Chrysene-d12	135000	14.063			
1520-96-3	Perylene-d12	163000	15.557			
TENTATIVE IDENTIFIED COMPOUNDS						
	unknown3.934	11.9	J		3.93	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	47.6	J		6.95	ug/L
000141-93-5	Benzene, 1,3-diethyl-	10.7	J		7.14	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	21.6	J		7.21	ug/L
000589-18-4	Benzenemethanol, 4-methyl-	11.0	J		7.78	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	14.8	J		7.91	ug/L
000622-97-9	Benzene, 1-ethenyl-4-methyl-	10.9	J		8.35	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-6-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142738.D	1	06/10/25 08:10	06/11/25 16:49	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
003855-26-3	Phenol, 2-ethyl-4-methyl-	11.9	J		8.36	ug/L
001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	80.0	J		8.44	ug/L
000099-04-7	Benzoic acid, 3-methyl-	37.2	J		8.59	ug/L
000099-94-5	Benzoic acid, 4-methyl-	23.0	J		8.65	ug/L
000527-54-8	Phenol, 3,4,5-trimethyl-	25.2	J		8.90	ug/L
035587-60-1	1-Methylindan-2-one	10.4	J		8.99	ug/L
000610-72-0	Benzoic acid, 2,5-dimethyl-	14.3	J		9.04	ug/L
000632-46-2	Benzoic acid, 2,6-dimethyl-	27.4	J		9.08	ug/L
000619-04-5	Benzoic acid, 3,4-dimethyl-	18.8	J		9.35	ug/L
051932-70-8	1H-Indene-4-carboxaldehyde, 2,3-di	11.9	J		9.50	ug/L
	unknown11.139	23.9	J		11.1	ug/L
	unknown12.875	13.6	J		12.9	ug/L

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

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-6-20250605DL	SDG No.:	Q2268
Lab Sample ID:	Q2268-07DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142754.D	2	06/10/25 08:10	06/12/25 13:29	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	8.10	UD	8.10	20.8	ug/L
108-95-2	Phenol	6.50	JD	1.90	10.4	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.70	UD	1.70	10.4	ug/L
95-57-8	2-Chlorophenol	1.20	UD	1.20	10.4	ug/L
95-48-7	2-Methylphenol	2.30	UD	2.30	10.4	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.70	UD	2.70	10.4	ug/L
98-86-2	Acetophenone	1.50	UD	1.50	10.4	ug/L
65794-96-9	3+4-Methylphenols	2.30	UD	2.30	20.8	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.90	UD	2.90	5.20	ug/L
67-72-1	Hexachloroethane	1.40	UD	1.40	10.4	ug/L
98-95-3	Nitrobenzene	1.60	UD	1.60	10.4	ug/L
78-59-1	Isophorone	1.60	UD	1.60	10.4	ug/L
88-75-5	2-Nitrophenol	3.70	UD	3.70	10.4	ug/L
105-67-9	2,4-Dimethylphenol	130	D	3.90	10.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.40	UD	1.40	10.4	ug/L
120-83-2	2,4-Dichlorophenol	1.10	UD	1.10	10.4	ug/L
91-20-3	Naphthalene	1.00	UD	1.00	10.4	ug/L
106-47-8	4-Chloroaniline	1.80	UD	1.80	10.4	ug/L
87-68-3	Hexachlorobutadiene	1.10	UD	1.10	10.4	ug/L
105-60-2	Caprolactam	2.40	UD	2.40	20.8	ug/L
59-50-7	4-Chloro-3-methylphenol	1.20	UD	1.20	10.4	ug/L
91-57-6	2-Methylnaphthalene	1.20	UD	1.20	10.4	ug/L
77-47-4	Hexachlorocyclopentadiene	7.60	UD	7.60	20.8	ug/L
88-06-2	2,4,6-Trichlorophenol	1.10	UD	1.10	10.4	ug/L
95-95-4	2,4,5-Trichlorophenol	1.30	UD	1.30	10.4	ug/L
92-52-4	1,1-Biphenyl	1.10	UD	1.10	10.4	ug/L
91-58-7	2-Chloronaphthalene	1.30	UD	1.30	10.4	ug/L
88-74-4	2-Nitroaniline	2.60	UD	2.60	10.4	ug/L
131-11-3	Dimethylphthalate	1.30	UD	1.30	10.4	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-6-20250605DL	SDG No.:	Q2268
Lab Sample ID:	Q2268-07DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142754.D	2	06/10/25 08:10	06/12/25 13:29	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.60	UD	1.60	10.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.90	UD	1.90	10.4	ug/L
99-09-2	3-Nitroaniline	2.20	UD	2.20	10.4	ug/L
83-32-9	Acenaphthene	1.10	UD	1.10	10.4	ug/L
51-28-5	2,4-Dinitrophenol	12.4	UD	12.4	20.8	ug/L
100-02-7	4-Nitrophenol	5.00	UD	5.00	20.8	ug/L
132-64-9	Dibenzofuran	1.30	UD	1.30	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	2.50	UD	2.50	10.4	ug/L
84-66-2	Diethylphthalate	1.40	UD	1.40	10.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.40	UD	1.40	10.4	ug/L
86-73-7	Fluorene	1.30	UD	1.30	10.4	ug/L
100-01-6	4-Nitroaniline	3.10	UD	3.10	10.4	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.00	UD	6.00	20.8	ug/L
86-30-6	n-Nitrosodiphenylamine	1.20	UD	1.20	10.4	ug/L
101-55-3	4-Bromophenyl-phenylether	0.83	UD	0.83	10.4	ug/L
118-74-1	Hexachlorobenzene	1.10	UD	1.10	10.4	ug/L
1912-24-9	Atrazine	2.10	UD	2.10	10.4	ug/L
87-86-5	Pentachlorophenol	3.30	UD	3.30	20.8	ug/L
85-01-8	Phenanthrene	1.00	UD	1.00	10.4	ug/L
120-12-7	Anthracene	1.30	UD	1.30	10.4	ug/L
86-74-8	Carbazole	1.50	UD	1.50	10.4	ug/L
84-74-2	Di-n-butylphthalate	2.50	UD	2.50	10.4	ug/L
206-44-0	Fluoranthene	1.70	UD	1.70	10.4	ug/L
129-00-0	Pyrene	1.00	UD	1.00	10.4	ug/L
85-68-7	Butylbenzylphthalate	4.00	UD	4.00	10.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.90	UD	1.90	20.8	ug/L
56-55-3	Benzo(a)anthracene	0.94	UD	0.94	10.4	ug/L
218-01-9	Chrysene	0.92	UD	0.92	10.4	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.30	UD	3.30	10.4	ug/L
117-84-0	Di-n-octyl phthalate	4.90	UD	4.90	20.8	ug/L
205-99-2	Benzo(b)fluoranthene	1.00	UD	1.00	10.4	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-6-20250605DL	SDG No.:	Q2268
Lab Sample ID:	Q2268-07DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142754.D	2	06/10/25 08:10	06/12/25 13:29	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.00	UD	1.00	10.4	ug/L
50-32-8	Benzo(a)pyrene	1.10	UD	1.10	10.4	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.20	UD	1.20	10.4	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.40	UD	1.40	10.4	ug/L
191-24-2	Benzo(g,h,i)perylene	1.40	UD	1.40	10.4	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	UD	1.10	10.4	ug/L
123-91-1	1,4-Dioxane	2.10	UD	2.10	10.4	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.50	UD	1.50	10.4	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.1		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	51.0		10 - 134	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.7		67 - 132	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.7		52 - 132	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		44 - 137	84%	SPK: 150
1718-51-0	Terphenyl-d14	70.1		42 - 152	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	64700	6.892			
1146-65-2	Naphthalene-d8	236000	8.175			
15067-26-2	Acenaphthene-d10	121000	9.928			
1517-22-2	Phenanthrene-d10	173000	11.416			
1719-03-5	Chrysene-d12	110000	14.063			
1520-96-3	Perylene-d12	150000	15.557			

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:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-3-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142739.D	1	06/10/25 08:10	06/11/25 17:19	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.4	ug/L
108-95-2	Phenol	0.95	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.84	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	0.60	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.20	ug/L
98-86-2	Acetophenone	0.77	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	0.68	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	0.79	U	0.79	5.20	ug/L
78-59-1	Isophorone	0.78	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	140	E	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.71	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.54	U	0.54	5.20	ug/L
91-20-3	Naphthalene	0.52	U	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	0.88	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	0.56	U	0.56	5.20	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.61	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	0.58	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	3.80	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.53	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	0.65	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	0.55	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	0.64	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	0.64	U	0.64	5.20	ug/L

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-3-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142739.D	1	06/10/25 08:10	06/11/25 17:19	PB168376

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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-3-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142739.D	1	06/10/25 08:10	06/11/25 17:19	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.50	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	0.57	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.70	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.72	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	47.4		23 - 138	32%	SPK: 150
13127-88-3	Phenol-d6	35.0		10 - 134	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.4		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.2		52 - 132	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118		44 - 137	79%	SPK: 150
1718-51-0	Terphenyl-d14	53.2		42 - 152	53%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	52800	6.892			
1146-65-2	Naphthalene-d8	188000	8.175			
15067-26-2	Acenaphthene-d10	93300	9.933			
1517-22-2	Phenanthrene-d10	143000	11.421			
1719-03-5	Chrysene-d12	135000	14.062			
1520-96-3	Perylene-d12	164000	15.556			
TENTATIVE IDENTIFIED COMPOUNDS						
000108-38-3	Benzene, 1,3-dimethyl-	260	J		5.75	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	130	J		6.58	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	100	J		6.72	ug/L
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	68.3	J		7.08	ug/L
000141-93-5	Benzene, 1,3-diethyl-	22.2	J		7.14	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	39.0	J		7.21	ug/L
000527-84-4	o-Cymene	17.1	J		7.38	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-3-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142739.D	1	06/10/25 08:10	06/11/25 17:19	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	16.0	J		7.69	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	30.2	J		7.91	ug/L
000576-26-1	Phenol, 2,6-dimethyl-	23.4	J		8.02	ug/L
001687-64-5	Phenol, 2-ethyl-6-methyl-	23.3	J		8.37	ug/L
	unknown8.439	100	J		8.44	ug/L
	unknown8.698	16.3	J		8.70	ug/L
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	49.6	J		8.78	ug/L
000603-79-2	Benzoic acid, 2,3-dimethyl-	27.4	J		9.03	ug/L
000937-30-4	Ethanone, 1-(4-ethylphenyl)-	22.6	J		9.06	ug/L
000300-57-2	Benzene, 2-propenyl-	43.7	J		9.52	ug/L

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

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

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

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-3-20250605DL	SDG No.:	Q2268
Lab Sample ID:	Q2268-08DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142755.D	2	06/10/25 08:10	06/12/25 13:59	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	8.10	UD	8.10	20.8	ug/L
108-95-2	Phenol	1.90	UD	1.90	10.4	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.70	UD	1.70	10.4	ug/L
95-57-8	2-Chlorophenol	1.20	UD	1.20	10.4	ug/L
95-48-7	2-Methylphenol	2.30	UD	2.30	10.4	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.70	UD	2.70	10.4	ug/L
98-86-2	Acetophenone	1.50	UD	1.50	10.4	ug/L
65794-96-9	3+4-Methylphenols	2.30	UD	2.30	20.8	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.90	UD	2.90	5.20	ug/L
67-72-1	Hexachloroethane	1.40	UD	1.40	10.4	ug/L
98-95-3	Nitrobenzene	1.60	UD	1.60	10.4	ug/L
78-59-1	Isophorone	1.60	UD	1.60	10.4	ug/L
88-75-5	2-Nitrophenol	3.70	UD	3.70	10.4	ug/L
105-67-9	2,4-Dimethylphenol	160	D	3.90	10.4	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.40	UD	1.40	10.4	ug/L
120-83-2	2,4-Dichlorophenol	1.10	UD	1.10	10.4	ug/L
91-20-3	Naphthalene	1.00	UD	1.00	10.4	ug/L
106-47-8	4-Chloroaniline	1.80	UD	1.80	10.4	ug/L
87-68-3	Hexachlorobutadiene	1.10	UD	1.10	10.4	ug/L
105-60-2	Caprolactam	2.40	UD	2.40	20.8	ug/L
59-50-7	4-Chloro-3-methylphenol	1.20	UD	1.20	10.4	ug/L
91-57-6	2-Methylnaphthalene	1.20	UD	1.20	10.4	ug/L
77-47-4	Hexachlorocyclopentadiene	7.60	UD	7.60	20.8	ug/L
88-06-2	2,4,6-Trichlorophenol	1.10	UD	1.10	10.4	ug/L
95-95-4	2,4,5-Trichlorophenol	1.30	UD	1.30	10.4	ug/L
92-52-4	1,1-Biphenyl	1.10	UD	1.10	10.4	ug/L
91-58-7	2-Chloronaphthalene	1.30	UD	1.30	10.4	ug/L
88-74-4	2-Nitroaniline	2.60	UD	2.60	10.4	ug/L
131-11-3	Dimethylphthalate	1.30	UD	1.30	10.4	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-3-20250605DL	SDG No.:	Q2268
Lab Sample ID:	Q2268-08DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142755.D	2	06/10/25 08:10	06/12/25 13:59	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.60	UD	1.60	10.4	ug/L
606-20-2	2,6-Dinitrotoluene	1.90	UD	1.90	10.4	ug/L
99-09-2	3-Nitroaniline	2.20	UD	2.20	10.4	ug/L
83-32-9	Acenaphthene	1.10	UD	1.10	10.4	ug/L
51-28-5	2,4-Dinitrophenol	12.4	UD	12.4	20.8	ug/L
100-02-7	4-Nitrophenol	5.00	UD	5.00	20.8	ug/L
132-64-9	Dibenzofuran	1.30	UD	1.30	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	2.50	UD	2.50	10.4	ug/L
84-66-2	Diethylphthalate	1.40	UD	1.40	10.4	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.40	UD	1.40	10.4	ug/L
86-73-7	Fluorene	1.30	UD	1.30	10.4	ug/L
100-01-6	4-Nitroaniline	3.10	UD	3.10	10.4	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.00	UD	6.00	20.8	ug/L
86-30-6	n-Nitrosodiphenylamine	1.20	UD	1.20	10.4	ug/L
101-55-3	4-Bromophenyl-phenylether	0.83	UD	0.83	10.4	ug/L
118-74-1	Hexachlorobenzene	1.10	UD	1.10	10.4	ug/L
1912-24-9	Atrazine	2.10	UD	2.10	10.4	ug/L
87-86-5	Pentachlorophenol	3.30	UD	3.30	20.8	ug/L
85-01-8	Phenanthrene	1.00	UD	1.00	10.4	ug/L
120-12-7	Anthracene	1.30	UD	1.30	10.4	ug/L
86-74-8	Carbazole	1.50	UD	1.50	10.4	ug/L
84-74-2	Di-n-butylphthalate	2.50	UD	2.50	10.4	ug/L
206-44-0	Fluoranthene	1.70	UD	1.70	10.4	ug/L
129-00-0	Pyrene	1.00	UD	1.00	10.4	ug/L
85-68-7	Butylbenzylphthalate	4.00	UD	4.00	10.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.90	UD	1.90	20.8	ug/L
56-55-3	Benzo(a)anthracene	0.94	UD	0.94	10.4	ug/L
218-01-9	Chrysene	0.92	UD	0.92	10.4	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.30	UD	3.30	10.4	ug/L
117-84-0	Di-n-octyl phthalate	4.90	UD	4.90	20.8	ug/L
205-99-2	Benzo(b)fluoranthene	1.00	UD	1.00	10.4	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-3-20250605DL	SDG No.:	Q2268
Lab Sample ID:	Q2268-08DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142755.D	2	06/10/25 08:10	06/12/25 13:59	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.00	UD	1.00	10.4	ug/L
50-32-8	Benzo(a)pyrene	1.10	UD	1.10	10.4	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.20	UD	1.20	10.4	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.40	UD	1.40	10.4	ug/L
191-24-2	Benzo(g,h,i)perylene	1.40	UD	1.40	10.4	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	UD	1.10	10.4	ug/L
123-91-1	1,4-Dioxane	2.10	UD	2.10	10.4	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.50	UD	1.50	10.4	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	55.8		23 - 138	37%	SPK: 150
13127-88-3	Phenol-d6	39.2		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.4		67 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.6		52 - 132	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		44 - 137	84%	SPK: 150
1718-51-0	Terphenyl-d14	67.3		42 - 152	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	65600	6.892			
1146-65-2	Naphthalene-d8	239000	8.175			
15067-26-2	Acenaphthene-d10	122000	9.927			
1517-22-2	Phenanthrene-d10	175000	11.416			
1719-03-5	Chrysene-d12	110000	14.062			
1520-96-3	Perylene-d12	154000	15.556			

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:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	FB-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142733.D	1	06/10/25 08:10	06/11/25 14:21	PB168376

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

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	FB-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142733.D	1	06/10/25 08:10	06/11/25 14:21	PB168376

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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	FB-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142733.D	1	06/10/25 08:10	06/11/25 14:21	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	5.20	ug/L
50-32-8	Benzo(a)pyrene	0.57	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.69	U	0.69	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.71	U	0.71	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.74	U	0.74	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	56.0		23 - 138	37%	SPK: 150
13127-88-3	Phenol-d6	32.8		10 - 134	22%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.9		67 - 132	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.5		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118		44 - 137	79%	SPK: 150
1718-51-0	Terphenyl-d14	66.6		42 - 152	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	56900	6.892			
1146-65-2	Naphthalene-d8	209000	8.175			
15067-26-2	Acenaphthene-d10	105000	9.933			
1517-22-2	Phenanthrene-d10	167000	11.422			
1719-03-5	Chrysene-d12	136000	14.068			
1520-96-3	Perylene-d12	154000	15.562			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.10	AB		5.10	ug/L
055956-25-7	2-Propanol, 1-[1-methyl-2-(2-prope	5.60	J		8.39	ug/L
000106-62-7	1-Propanol, 2-(2-hydroxypropoxy)-	8.40	J		8.42	ug/L
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	3.40	J		9.36	ug/L
	unknown17.580	8.60	J		17.6	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	FB-20250605	SDG No.:	Q2268
Lab Sample ID:	Q2268-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142733.D	1	06/10/25 08:10	06/11/25 14:21	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

QC SUMMARY

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

SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168376BL	PB168376BL	2-Fluorophenol	150	128	85		23	138
		Phenol-d6	150	127	85		10	134
		Nitrobenzene-d5	100	78.1	78		67	132
		2-Fluorobiphenyl	100	76.4	76		52	132
		2,4,6-Tribromophenol	150	132	88		44	137
		Terphenyl-d14	100	71.4	71		42	152
PB168376BS	PB168376BS	2-Fluorophenol	150	118	79		23	138
		Phenol-d6	150	119	80		10	134
		Nitrobenzene-d5	100	73.1	73		67	132
		2-Fluorobiphenyl	100	73.1	73		52	132
		2,4,6-Tribromophenol	150	123	82		44	137
		Terphenyl-d14	100	82.5	83		42	152
Q2268-03	MW-2-20250605	2-Fluorophenol	150	56.5	38		23	138
		Phenol-d6	150	52.6	35		10	134
		Nitrobenzene-d5	100	81.6	82		67	132
		2-Fluorobiphenyl	100	81.7	82		52	132
		2,4,6-Tribromophenol	150	121	81		44	137
		Terphenyl-d14	100	60.7	61		42	152
Q2268-03DL	MW-2-20250605DL	2-Fluorophenol	150	65.1	43		23	138
		Phenol-d6	150	56.7	38		10	134
		Nitrobenzene-d5	100	89.4	89		67	132
		2-Fluorobiphenyl	100	93.6	94		52	132
		2,4,6-Tribromophenol	150	131	87		44	137
		Terphenyl-d14	100	67.9	68		42	152
Q2268-04MS	MW-2-20250605MS	2-Fluorophenol	150	60.0	40		23	138
		Phenol-d6	150	45.1	30		10	134
		Nitrobenzene-d5	100	82.4	82		67	132
		2-Fluorobiphenyl	100	85.2	85		52	132
		2,4,6-Tribromophenol	150	123	82		44	137
		Terphenyl-d14	100	60.1	60		42	152
Q2268-05MSD	MW-2-20250605MSD	2-Fluorophenol	150	55.9	37		23	138
		Phenol-d6	150	42.3	28		10	134
		Nitrobenzene-d5	100	79.3	79		67	132
		2-Fluorobiphenyl	100	81.5	82		52	132
		2,4,6-Tribromophenol	150	120	80		44	137
		Terphenyl-d14	100	59.3	59		42	152
Q2268-06	MW-2-20250605-A	2-Fluorophenol	150	62.1	41		23	138
		Phenol-d6	150	45.9	31		10	134
		Nitrobenzene-d5	100	82.0	82		67	132
		2-Fluorobiphenyl	100	84.3	84		52	132
		2,4,6-Tribromophenol	150	123	82		44	137
		Terphenyl-d14	100	58.7	59		42	152
Q2268-06DL	MW-2-20250605-ADL	2-Fluorophenol	150	73.6	49		23	138
		Phenol-d6	150	55.0	37		10	134
		Nitrobenzene-d5	100	91.1	91		67	132
		2-Fluorobiphenyl	100	92.6	93		52	132
		2,4,6-Tribromophenol	150	144	96		44	137
		Terphenyl-d14	100	88.9	89		42	152
Q2268-07	MW-6-20250605	2-Fluorophenol	150	62.0	41		23	138
		Phenol-d6	150	43.8	29		10	134
		Nitrobenzene-d5	100	85.1	85		67	132

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Surrogate Summary

SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2268-07	MW-6-20250605	2-Fluorobiphenyl	100	83.6	84		52	132
		2,4,6-Tribromophenol	150	121	81		44	137
		Terphenyl-d14	100	56.2	56		42	152
Q2268-07DL	MW-6-20250605DL	2-Fluorophenol	150	70.1	47		23	138
		Phenol-d6	150	51.0	34		10	134
		Nitrobenzene-d5	100	90.7	91		67	132
		2-Fluorobiphenyl	100	94.7	95		52	132
		2,4,6-Tribromophenol	150	126	84		44	137
		Terphenyl-d14	100	70.1	70		42	152
Q2268-08	MW-3-20250605	2-Fluorophenol	150	47.4	32		23	138
		Phenol-d6	150	35.0	23		10	134
		Nitrobenzene-d5	100	79.4	79		67	132
		2-Fluorobiphenyl	100	82.2	82		52	132
		2,4,6-Tribromophenol	150	118	79		44	137
		Terphenyl-d14	100	53.2	53		42	152
Q2268-08DL	MW-3-20250605DL	2-Fluorophenol	150	55.8	37		23	138
		Phenol-d6	150	39.2	26		10	134
		Nitrobenzene-d5	100	86.4	86		67	132
		2-Fluorobiphenyl	100	93.6	94		52	132
		2,4,6-Tribromophenol	150	127	84		44	137
		Terphenyl-d14	100	67.3	67		42	152
Q2268-10	FB-20250605	2-Fluorophenol	150	56.0	37		23	138
		Phenol-d6	150	32.8	22		10	134
		Nitrobenzene-d5	100	82.9	83		67	132
		2-Fluorobiphenyl	100	85.5	86		52	132
		2,4,6-Tribromophenol	150	118	79		44	137
		Terphenyl-d14	100	66.6	67		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2268-04MS		**Client Sample ID: MW-2-20250605MS**						**DataFile: BF142735.D**			
Benzaldehyde	52.1	0	50.8	ug/L	98				10	137	
Phenol	52.1	0	19.2	ug/L	37				10	130	
bis(2-Chloroethyl)ether	52.1	0	46.6	ug/L	89				29	141	
2-Chlorophenol	52.1	0	40.6	ug/L	78				23	127	
2-Methylphenol	52.1	0	34.5	ug/L	66				60	131	
2,2-oxybis(1-Chloropropane)	52.1	0	46.1	ug/L	88				36	141	
Acetophenone	52.1	0	76.2	ug/L	146				31	164	
3+4-Methylphenols	52.1	0	30.8	ug/L	59				54	136	
N-Nitroso-di-n-propylamine	52.1	0	46.1	ug/L	88				36	147	
Hexachloroethane	52.1	0	110	ug/L	211	*			19	146	
Nitrobenzene	52.1	0	53.6	ug/L	103				62	112	
Isophorone	52.1	0	47.1	ug/L	90				39	146	
2-Nitrophenol	52.1	0	47.9	ug/L	92				30	148	
2,4-Dimethylphenol	52.1	4.20	45.1	ug/L	79				17	143	
bis(2-Chloroethoxy)methane	52.1	0	47.8	ug/L	92				39	143	
2,4-Dichlorophenol	52.1	0	44.7	ug/L	86				22	146	
Naphthalene	52.1	130	160	ug/L	58				17	157	
4-Chloroaniline	52.1	0	15.1	ug/L	29				10	95	
Hexachlorobutadiene	52.1	0	43.5	ug/L	83				52	125	
Caprolactam	52.1	0	10.3	ug/L	20				10	130	
4-Chloro-3-methylphenol	52.1	0	39.0	ug/L	75				17	148	
2-Methylnaphthalene	52.1	46.9	83.6	ug/L	70				38	146	
Hexachlorocyclopentadiene	100	0	88.1	ug/L	88				20	153	
2,4,6-Trichlorophenol	52.1	0	48.7	ug/L	93				78	112	
2,4,5-Trichlorophenol	52.1	0	48.2	ug/L	93				71	111	
1,1-Biphenyl	52.1	0	52.1	ug/L	100				38	154	
2-Chloronaphthalene	52.1	0	51.3	ug/L	98				41	145	
2-Nitroaniline	52.1	0	49.6	ug/L	95				39	151	
Dimethylphthalate	52.1	0	49.2	ug/L	94				42	147	
Acenaphthylene	52.1	0	49.7	ug/L	95				40	141	
2,6-Dinitrotoluene	52.1	0	49.2	ug/L	94				43	148	
3-Nitroaniline	52.1	0	22.2	ug/L	43				10	111	
Acenaphthene	52.1	0	53.5	ug/L	103				37	146	
2,4-Dinitrophenol	100	0	88.8	ug/L	89				14	167	
4-Nitrophenol	100	0	41.2	ug/L	41				10	130	
Dibenzofuran	52.1	0	50.4	ug/L	97				41	145	
2,4-Dinitrotoluene	52.1	0	48.7	ug/L	93				74	137	
Diethylphthalate	52.1	0	49.9	ug/L	96				41	148	
4-Chlorophenyl-phenylether	52.1	0	48.1	ug/L	92				38	149	
Fluorene	52.1	0	49.5	ug/L	95				39	144	
4-Nitroaniline	52.1	0	42.7	ug/L	82				27	138	
4,6-Dinitro-2-methylphenol	52.1	0	46.0	ug/L	88				32	175	
N-Nitrosodiphenylamine	52.1	0	50.8	ug/L	98				40	150	
4-Bromophenyl-phenylether	52.1	0	52.1	ug/L	100				42	151	
Hexachlorobenzene	52.1	0	51.6	ug/L	99				72	115	
Atrazine	52.1	0	55.7	ug/L	107				20	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	110	ug/L	110				52	162	
Phenanthrene	52.1	0	53.1	ug/L	102				40	147	
Anthracene	52.1	0	51.7	ug/L	99				41	146	
Carbazole	52.1	2.60	55.6	ug/L	102				37	154	
Di-n-butylphthalate	52.1	0	63.0	ug/L	121				40	151	
Fluoranthene	52.1	0	57.6	ug/L	111				42	146	
Pyrene	52.1	0	36.0	ug/L	69				41	149	
Butylbenzylphthalate	52.1	0	57.1	ug/L	110				39	155	
3,3-Dichlorobenzidine	52.1	0	26.3	ug/L	50				10	114	
Benzo(a)anthracene	52.1	0	50.7	ug/L	97				41	147	
Chrysene	52.1	0	51.0	ug/L	98				44	144	
bis(2-Ethylhexyl)phthalate	52.1	0	55.5	ug/L	107				33	160	
Di-n-octyl phthalate	52.1	0	51.4	ug/L	99				36	158	
Benzo(b)fluoranthene	52.1	0	55.1	ug/L	106				40	150	
Benzo(k)fluoranthene	52.1	0	47.1	ug/L	90				40	147	
Benzo(a)pyrene	52.1	0	51.5	ug/L	99				42	147	
Indeno(1,2,3-cd)pyrene	52.1	0	47.1	ug/L	90				30	166	
Dibenz(a,h)anthracene	52.1	0	47.3	ug/L	91				23	172	
Benzo(g,h,i)perylene	52.1	0	45.7	ug/L	88				27	167	
1,2,4,5-Tetrachlorobenzene	52.1	0	51.9	ug/L	100				89	102	
1,4-Dioxane	52.1	0	24.8	ug/L	48				38	130	
2,3,4,6-Tetrachlorophenol	52.1	0	46.2	ug/L	89	*			91	111	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2268-05MSD		**Client Sample ID: MW-2-20250605MSD**						**DataFile: BF142736.D**			
Benzaldehyde	52.1	0	47.0	ug/L	90		9		10	137	20
Phenol	52.1	0	18.0	ug/L	35		6		10	130	20
bis(2-Chloroethyl)ether	52.1	0	43.5	ug/L	83		7		29	141	20
2-Chlorophenol	52.1	0	38.1	ug/L	73		7		23	127	20
2-Methylphenol	52.1	0	33.0	ug/L	63		5		60	131	20
2,2-oxybis(1-Chloropropane)	52.1	0	42.7	ug/L	82		7		36	141	20
Acetophenone	52.1	0	72.7	ug/L	140		4		31	164	20
3+4-Methylphenols	52.1	0	29.0	ug/L	56		5		54	136	20
N-Nitroso-di-n-propylamine	52.1	0	42.8	ug/L	82		7		36	147	20
Hexachloroethane	52.1	0	100	ug/L	192	*	9		19	146	20
Nitrobenzene	52.1	0	51.2	ug/L	98		5		62	112	20
Isophorone	52.1	0	45.3	ug/L	87		3		39	146	20
2-Nitrophenol	52.1	0	46.6	ug/L	89		3		30	148	20
2,4-Dimethylphenol	52.1	4.20	45.3	ug/L	79		0		17	143	20
bis(2-Chloroethoxy)methane	52.1	0	45.7	ug/L	88		4		39	143	20
2,4-Dichlorophenol	52.1	0	43.3	ug/L	83		4		22	146	20
Naphthalene	52.1	130	150	ug/L	38		42	*	17	157	20
4-Chloroaniline	52.1	0	18.3	ug/L	35		19		10	95	20
Hexachlorobutadiene	52.1	0	41.9	ug/L	80		4		52	125	20
Caprolactam	52.1	0	10.0	ug/L	19		5		10	130	20
4-Chloro-3-methylphenol	52.1	0	38.0	ug/L	73		3		17	148	20
2-Methylnaphthalene	52.1	46.9	80.6	ug/L	65		7		38	146	20
Hexachlorocyclopentadiene	100	0	85.2	ug/L	85		3		20	153	20
2,4,6-Trichlorophenol	52.1	0	48.7	ug/L	93		0		78	112	20
2,4,5-Trichlorophenol	52.1	0	45.7	ug/L	88		6		71	111	20
1,1-Biphenyl	52.1	0	49.6	ug/L	95		5		38	154	20
2-Chloronaphthalene	52.1	0	49.2	ug/L	94		4		41	145	20
2-Nitroaniline	52.1	0	47.3	ug/L	91		4		39	151	20
Dimethylphthalate	52.1	0	47.9	ug/L	92		2		42	147	20
Acenaphthylene	52.1	0	47.9	ug/L	92		3		40	141	20
2,6-Dinitrotoluene	52.1	0	46.9	ug/L	90		4		43	148	20
3-Nitroaniline	52.1	0	22.4	ug/L	43		0		10	111	20
Acenaphthene	52.1	0	51.6	ug/L	99		4		37	146	20
2,4-Dinitrophenol	100	0	84.3	ug/L	84		6		14	167	20
4-Nitrophenol	100	0	38.0	ug/L	38		8		10	130	20
Dibenzofuran	52.1	0	48.1	ug/L	92		5		41	145	20
2,4-Dinitrotoluene	52.1	0	47.4	ug/L	91		2		74	137	20
Diethylphthalate	52.1	0	48.5	ug/L	93		3		41	148	20
4-Chlorophenyl-phenylether	52.1	0	46.9	ug/L	90		2		38	149	20
Fluorene	52.1	0	47.5	ug/L	91		4		39	144	20
4-Nitroaniline	52.1	0	40.1	ug/L	77		6		27	138	20
4,6-Dinitro-2-methylphenol	52.1	0	45.4	ug/L	87		1		32	175	20
N-Nitrosodiphenylamine	52.1	0	48.7	ug/L	93		5		40	150	20
4-Bromophenyl-phenylether	52.1	0	48.3	ug/L	93		7		42	151	20
Hexachlorobenzene	52.1	0	48.2	ug/L	93		6		72	115	20
Atrazine	52.1	0	53.5	ug/L	103		4		20	162	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	100	ug/L	100		10		52	162	20
Phenanthrene	52.1	0	50.3	ug/L	97		5		40	147	20
Anthracene	52.1	0	48.2	ug/L	93		6		41	146	20
Carbazole	52.1	2.60	52.1	ug/L	95		7		37	154	20
Di-n-butylphthalate	52.1	0	59.2	ug/L	114		6		40	151	20
Fluoranthene	52.1	0	53.0	ug/L	102		8		42	146	20
Pyrene	52.1	0	36.0	ug/L	69		0		41	149	20
Butylbenzylphthalate	52.1	0	55.9	ug/L	107		3		39	155	20
3,3-Dichlorobenzidine	52.1	0	26.9	ug/L	52		4		10	114	20
Benzo(a)anthracene	52.1	0	48.2	ug/L	93		4		41	147	20
Chrysene	52.1	0	49.0	ug/L	94		4		44	144	20
bis(2-Ethylhexyl)phthalate	52.1	0	54.5	ug/L	105		2		33	160	20
Di-n-octyl phthalate	52.1	0	49.8	ug/L	96		3		36	158	20
Benzo(b)fluoranthene	52.1	0	52.4	ug/L	101		5		40	150	20
Benzo(k)fluoranthene	52.1	0	44.5	ug/L	85		6		40	147	20
Benzo(a)pyrene	52.1	0	48.4	ug/L	93		6		42	147	20
Indeno(1,2,3-cd)pyrene	52.1	0	44.2	ug/L	85		6		30	166	20
Dibenz(a,h)anthracene	52.1	0	44.7	ug/L	86		6		23	172	20
Benzo(g,h,i)perylene	52.1	0	42.3	ug/L	81		8		27	167	20
1,2,4,5-Tetrachlorobenzene	52.1	0	49.5	ug/L	95		5		89	102	20
1,4-Dioxane	52.1	0	22.5	ug/L	43		11		38	130	20
2,3,4,6-Tetrachlorophenol	52.1	0	44.1	ug/L	85	*	5		91	111	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E **DataFile:** BF142725.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168376BS	Benzaldehyde	50	30.9	ug/L	62				10	162	
	Phenol	50	41.6	ug/L	83				66	118	
	bis(2-Chloroethyl)ether	50	42.6	ug/L	85				62	103	
	2-Chlorophenol	50	42.7	ug/L	85				70	117	
	2-Methylphenol	50	43.3	ug/L	87				69	109	
	2,2-oxybis(1-Chloropropane)	50	40.6	ug/L	81				65	100	
	Acetophenone	50	41.8	ug/L	84				60	104	
	3+4-Methylphenols	50	42.6	ug/L	85				67	106	
	N-Nitroso-di-n-propylamine	50	41.6	ug/L	83				57	107	
	Hexachloroethane	50	40.6	ug/L	81				76	118	
	Nitrobenzene	50	42.2	ug/L	84				58	106	
	Isophorone	50	41.8	ug/L	84				61	102	
	2-Nitrophenol	50	43.1	ug/L	86				70	115	
	2,4-Dimethylphenol	50	42.9	ug/L	86				42	142	
	bis(2-Chloroethoxy)methane	50	41.6	ug/L	83				58	109	
	2,4-Dichlorophenol	50	43.1	ug/L	86				66	115	
	Naphthalene	50	41.5	ug/L	83				64	107	
	4-Chloroaniline	50	21.2	ug/L	42				10	85	
	Hexachlorobutadiene	50	41.2	ug/L	82				69	101	
	Caprolactam	50	47.7	ug/L	95				58	128	
	4-Chloro-3-methylphenol	50	43.1	ug/L	86				65	114	
	2-Methylnaphthalene	50	41.4	ug/L	83				64	107	
	Hexachlorocyclopentadiene	100	87.7	ug/L	88				36	160	
	2,4,6-Trichlorophenol	50	44.3	ug/L	89				61	110	
	2,4,5-Trichlorophenol	50	41.7	ug/L	83				70	106	
	1,1-Biphenyl	50	41.5	ug/L	83				72	98	
	2-Chloronaphthalene	50	42.1	ug/L	84				59	106	
	2-Nitroaniline	50	43.4	ug/L	87				73	114	
	Dimethylphthalate	50	43.8	ug/L	88				64	103	
	Acenaphthylene	50	42.2	ug/L	84				79	103	
	2,6-Dinitrotoluene	50	43.1	ug/L	86				64	110	
	3-Nitroaniline	50	28.3	ug/L	57				28	100	
	Acenaphthene	50	47.5	ug/L	95				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				36	166	
	4-Nitrophenol	100	95.9	ug/L	96				45	147	
	Dibenzofuran	50	41.8	ug/L	84				65	106	
	2,4-Dinitrotoluene	50	45.9	ug/L	92				60	115	
	Diethylphthalate	50	44.6	ug/L	89				63	105	
	4-Chlorophenyl-phenylether	50	41.9	ug/L	84				61	104	
	Fluorene	50	41.9	ug/L	84				64	107	
	4-Nitroaniline	50	45.6	ug/L	91				55	125	
	4,6-Dinitro-2-methylphenol	50	46.8	ug/L	94				62	132	
	N-Nitrosodiphenylamine	50	42.4	ug/L	85				61	109	
	4-Bromophenyl-phenylether	50	43.1	ug/L	86				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E **DataFile:** BF142725.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168376BS	Hexachlorobenzene	50	42.9	ug/L	86				73	106	
	Atrazine	50	49.1	ug/L	98				76	120	
	Pentachlorophenol	100	90.0	ug/L	90				47	114	
	Phenanthrene	50	42.5	ug/L	85				62	109	
	Anthracene	50	43.0	ug/L	86				65	110	
	Carbazole	50	44.5	ug/L	89				62	106	
	Di-n-butylphthalate	50	47.6	ug/L	95				64	106	
	Fluoranthene	50	44.3	ug/L	89				64	110	
	Pyrene	50	46.6	ug/L	93				71	103	
	Butylbenzylphthalate	50	49.7	ug/L	99				61	105	
	3,3-Dichlorobenzidine	50	23.3	ug/L	47				43	108	
	Benzo(a)anthracene	50	46.7	ug/L	93				62	107	
	Chrysene	50	42.7	ug/L	85				61	108	
	bis(2-Ethylhexyl)phthalate	50	44.3	ug/L	89				59	110	
	Di-n-octyl phthalate	50	42.2	ug/L	84				52	139	
	Benzo(b)fluoranthene	50	46.0	ug/L	92				77	113	
	Benzo(k)fluoranthene	50	42.2	ug/L	84				77	105	
	Benzo(a)pyrene	50	45.0	ug/L	90				72	131	
	Indeno(1,2,3-cd)pyrene	50	42.9	ug/L	86				72	105	
	Dibenz(a,h)anthracene	50	43.2	ug/L	86				78	115	
	Benzo(g,h,i)perylene	50	42.2	ug/L	84				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.8	ug/L	84				72	101	
	1,4-Dioxane	50	34.0	ug/L	68				38	125	
	2,3,4,6-Tetrachlorophenol	50	45.1	ug/L	90				63	116	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168376BL

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2268 SAS No.: Q2268 SDG NO.: Q2268

Lab File ID: BF142724.D Lab Sample ID: PB168376BL

Instrument ID: BNA_F Date Extracted: 06/10/2025

Matrix: (soil/water) Water Date Analyzed: 06/11/2025

Level: (low/med) LOW Time Analyzed: 09:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168376BS	PB168376BS	BF142725.D	06/11/2025
MW-2-20250605	Q2268-03	BF142734.D	06/11/2025
MW-2-20250605MS	Q2268-04MS	BF142735.D	06/11/2025
MW-2-20250605MSD	Q2268-05MSD	BF142736.D	06/11/2025
MW-2-20250605-A	Q2268-06	BF142737.D	06/11/2025
FB-20250605	Q2268-10	BF142733.D	06/11/2025
MW-6-20250605	Q2268-07	BF142738.D	06/11/2025
MW-3-20250605	Q2268-08	BF142739.D	06/11/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2268 SDG NO.: Q2268

Lab File ID: BF142710.D DFTPP Injection Date: 06/10/2025

Instrument ID: BNA_F DFTPP Injection Time: 15:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.1
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	28.7
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	39.5
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	5.9
275	10.0 - 60.0% of mass 198	24.8
365	Greater than 1% of mass 198	3.3
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 (19) 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	BF142712.D	06/10/2025	16:54
SSTDICC005	SSTDICC005	BF142713.D	06/10/2025	17:24
SSTDICC010	SSTDICC010	BF142714.D	06/10/2025	17:53
SSTDICC020	SSTDICC020	BF142715.D	06/10/2025	18:22
SSTDICCC040	SSTDICCC040	BF142716.D	06/10/2025	18:52
SSTDICC050	SSTDICC050	BF142717.D	06/10/2025	19:21
SSTDICC060	SSTDICC060	BF142718.D	06/10/2025	19:50
SSTDICC080	SSTDICC080	BF142719.D	06/10/2025	20:19

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2268 SDG NO.: Q2268

Lab File ID: BF142722.D DFTPP Injection Date: 06/11/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.5
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.8
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	5.8
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.2
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	18.6 (18.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142723.D	06/11/2025	09:24
PB168376BL	PB168376BL	BF142724.D	06/11/2025	09:53
PB168376BS	PB168376BS	BF142725.D	06/11/2025	10:22
FB-20250605	Q2268-10	BF142733.D	06/11/2025	14:21
MW-2-20250605	Q2268-03	BF142734.D	06/11/2025	14:50
MW-2-20250605MS	Q2268-04MS	BF142735.D	06/11/2025	15:20
MW-2-20250605MSD	Q2268-05MSD	BF142736.D	06/11/2025	15:50
MW-2-20250605-A	Q2268-06	BF142737.D	06/11/2025	16:19
MW-6-20250605	Q2268-07	BF142738.D	06/11/2025	16:49
MW-3-20250605	Q2268-08	BF142739.D	06/11/2025	17:19
MW-2-20250605DL	Q2268-03DL	BF142744.D	06/11/2025	19:48

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2268 SDG NO.: Q2268

Lab File ID: BF142747.D DFTPP Injection Date: 06/12/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	41.4
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	5.7
275	10.0 - 60.0% of mass 198	24.2
365	Greater than 1% of mass 198	3.4
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	19.5 (19.5) 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	BF142748.D	06/12/2025	09:50
MW-2-20250605-ADL	Q2268-06DL	BF142753.D	06/12/2025	13:00
MW-6-20250605DL	Q2268-07DL	BF142754.D	06/12/2025	13:29
MW-3-20250605DL	Q2268-08DL	BF142755.D	06/12/2025	13:59

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2268 SAS No.: Q2268 SDG NO.: Q2268

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BF142723.D Time Analyzed: 09:24

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	78219	6.892	306828	8.18	172169	9.94
	UPPER LIMIT	156438	7.392	613656	8.681	344338	10.439
	LOWER LIMIT	39109.5	6.392	153414	7.681	86084.5	9.439
	EPA SAMPLE NO.						
01	PB168376BL	75423	6.89	293240	8.18	164071	9.93
02	PB168376BS	83835	6.89	326703	8.18	180412	9.94
03	MW-2-20250605	57618	6.89	209614	8.18	108382	9.93
04	MW-2-20250605DL	55149	6.89	198571	8.18	101254	9.93
05	MW-2-20250605MS	54183	6.89	194768	8.18	96533	9.93
06	MW-2-20250605MSD	58463	6.89	206678	8.18	103506	9.93
07	MW-2-20250605-A	56892	6.89	199628	8.18	99393	9.93
08	MW-6-20250605	51607	6.89	177791	8.18	91569	9.93
09	MW-3-20250605	52802	6.89	187845	8.18	93296	9.93
10	FB-20250605	56877	6.89	208595	8.18	105257	9.93

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: CHEMTECH

Lab Code: CHEM Case No.: Q2268 SAS No.: Q2268 SDG NO.: Q2268

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BF142723.D Time Analyzed: 09:24

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	291189	11.427	151467	14.068	144700	15.562
	UPPER LIMIT	582378	11.927	302934	14.568	289400	16.062
	LOWER LIMIT	145595	10.927	75733.5	13.568	72350	15.062
	EPA SAMPLE NO.						
01	PB168376BL	310217	11.42	203839	14.07	148373	15.56
02	PB168376BS	308296	11.43	158833	14.07	161986	15.56
03	MW-2-20250605	166518	11.42	133428	14.06	157760	15.56
04	MW-2-20250605DL	157521	11.42	134877	14.06	150814	15.56
05	MW-2-20250605MS	149205	11.42	131264	14.07	157611	15.56
06	MW-2-20250605MSD	162996	11.42	132941	14.07	159622	15.56
07	MW-2-20250605-A	152945	11.42	136283	14.06	159449	15.56
08	MW-6-20250605	141283 *	11.42	134836	14.06	163138	15.56
09	MW-3-20250605	142687 *	11.42	135490	14.06	164328	15.56
10	FB-20250605	167256	11.42	135665	14.07	154126	15.56

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: CHEMTECH

Lab Code: CHEM Case No.: Q2268 SAS No.: Q2268 SDG NO.: Q2268

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/12/2025

Lab File ID: BF142748.D Time Analyzed: 09:50

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	70133	6.892	258971	8.18	130776	9.93
	UPPER LIMIT	140266	7.392	517942	8.675	261552	10.433
	LOWER LIMIT	35066.5	6.392	129486	7.675	65388	9.433
	EPA SAMPLE NO.						
01	MW-2-20250605-ADL	66877	6.89	247965	8.18	135607	9.93
02	MW-6-20250605DL	64680	6.89	235685	8.18	121112	9.93
03	MW-3-20250605DL	65644	6.89	239333	8.18	121845	9.93

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: CHEMTECH

Lab Code: CHEM Case No.: Q2268 SAS No.: Q2268 SDG NO.: Q2268

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/12/2025

Lab File ID: BF142748.D Time Analyzed: 09:50

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	201441	11.422	120471	14.068	146263	15.562
	UPPER LIMIT	402882	11.922	240942	14.568	292526	16.062
	LOWER LIMIT	100721	10.922	60235.5	13.568	73131.5	15.062
	EPA SAMPLE NO.						
01	MW-2-20250605-ADL	217678	11.42	118180	14.06	146576	15.56
02	MW-6-20250605DL	172881	11.42	110385	14.06	149783	15.56
03	MW-3-20250605DL	175442	11.42	109504	14.06	154313	15.56

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:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168376BL	SDG No.:	Q2268
Lab Sample ID:	PB168376BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142724.D	1	06/10/25 08:10	06/11/25 09:53	PB168376

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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168376BL	SDG No.:	Q2268
Lab Sample ID:	PB168376BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142724.D	1	06/10/25 08:10	06/11/25 09:53	PB168376

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

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168376BL	SDG No.:	Q2268
Lab Sample ID:	PB168376BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142724.D	1	06/10/25 08:10	06/11/25 09:53	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	128		23 - 138	85%	SPK: 150
13127-88-3	Phenol-d6	127		10 - 134	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.1		67 - 132	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.4		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		44 - 137	88%	SPK: 150
1718-51-0	Terphenyl-d14	71.4		42 - 152	71%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	75400	6.892			
1146-65-2	Naphthalene-d8	293000	8.175			
15067-26-2	Acenaphthene-d10	164000	9.933			
1517-22-2	Phenanthrene-d10	310000	11.421			
1719-03-5	Chrysene-d12	204000	14.068			
1520-96-3	Perylene-d12	148000	15.562			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.40	A		5.13	ug/L
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	2.90	J		17.3	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168376BL	SDG No.:	Q2268
Lab Sample ID:	PB168376BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142724.D	1	06/10/25 08:10	06/11/25 09:53	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168376BS	SDG No.:	Q2268
Lab Sample ID:	PB168376BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142725.D	1	06/10/25 08:10	06/11/25 10:22	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	30.9		3.90	10.0	ug/L
108-95-2	Phenol	41.6		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.6		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	42.7		0.58	5.00	ug/L
95-48-7	2-Methylphenol	43.3		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.6		1.30	5.00	ug/L
98-86-2	Acetophenone	41.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.6		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.6		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.6		0.65	5.00	ug/L
98-95-3	Nitrobenzene	42.2		0.76	5.00	ug/L
78-59-1	Isophorone	41.8		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	43.1		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	42.9		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.6		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.1		0.52	5.00	ug/L
91-20-3	Naphthalene	41.5		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	21.2		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.2		0.54	5.00	ug/L
105-60-2	Caprolactam	47.7		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	43.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	87.7	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.3		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	41.7		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	41.5		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.1		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	43.4		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	43.8		0.61	5.00	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168376BS	SDG No.:	Q2268
Lab Sample ID:	PB168376BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142725.D	1	06/10/25 08:10	06/11/25 10:22	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	42.2		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.1		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	28.3		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.5		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	95.9	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	41.8		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	45.9		1.20	5.00	ug/L
84-66-2	Diethylphthalate	44.6		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.9		0.68	5.00	ug/L
86-73-7	Fluorene	41.9		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	45.6		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.8		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	42.4		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	43.1		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	42.9		0.52	5.00	ug/L
1912-24-9	Atrazine	49.1		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	90.0	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	42.5		0.50	5.00	ug/L
120-12-7	Anthracene	43.0		0.61	5.00	ug/L
86-74-8	Carbazole	44.5		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	47.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	44.3		0.82	5.00	ug/L
129-00-0	Pyrene	46.6		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	49.7		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	23.3		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.7		0.45	5.00	ug/L
218-01-9	Chrysene	42.7		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.3		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	42.2		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.0		0.49	5.00	ug/L

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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	
Client Sample ID:	PB168376BS	SDG No.:	Q2268
Lab Sample ID:	PB168376BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142725.D	1	06/10/25 08:10	06/11/25 10:22	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	42.2		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.0		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.9		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	43.2		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	42.2		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.8		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	34.0		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.1		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	118		23 - 138	79%	SPK: 150
13127-88-3	Phenol-d6	119		10 - 134	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.1		67 - 132	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.1		52 - 132	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	82.5		42 - 152	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83800	6.892			
1146-65-2	Naphthalene-d8	327000	8.181			
15067-26-2	Acenaphthene-d10	180000	9.939			
1517-22-2	Phenanthrene-d10	308000	11.427			
1719-03-5	Chrysene-d12	159000	14.068			
1520-96-3	Perylene-d12	162000	15.562			

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:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605MS	SDG No.:	Q2268
Lab Sample ID:	Q2268-04MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142735.D	1	06/10/25 08:10	06/11/25 15:20	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	50.8		4.10	10.4	ug/L
108-95-2	Phenol	19.2		0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.6		0.84	5.20	ug/L
95-57-8	2-Chlorophenol	40.6		0.60	5.20	ug/L
95-48-7	2-Methylphenol	34.5		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.1		1.30	5.20	ug/L
98-86-2	Acetophenone	76.2		0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	30.8		1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.1		1.50	2.60	ug/L
67-72-1	Hexachloroethane	110	E	0.68	5.20	ug/L
98-95-3	Nitrobenzene	53.6		0.79	5.20	ug/L
78-59-1	Isophorone	47.1		0.78	5.20	ug/L
88-75-5	2-Nitrophenol	47.9		1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	45.1		1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.8		0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	44.7		0.54	5.20	ug/L
91-20-3	Naphthalene	160	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	15.1		0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	43.5		0.56	5.20	ug/L
105-60-2	Caprolactam	10.3	J	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	39.0		0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	83.6	E	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	88.1	E	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	48.7		0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	48.2		0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	52.1		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	51.3		0.64	5.20	ug/L
88-74-4	2-Nitroaniline	49.6		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	49.2		0.64	5.20	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605MS	SDG No.:	Q2268
Lab Sample ID:	Q2268-04MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142735.D	1	06/10/25 08:10	06/11/25 15:20	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	49.7		0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	49.2		0.96	5.20	ug/L
99-09-2	3-Nitroaniline	22.2		1.10	5.20	ug/L
83-32-9	Acenaphthene	53.5		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	88.8	E	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	41.2		2.50	10.4	ug/L
132-64-9	Dibenzofuran	50.4		0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	48.7		1.30	5.20	ug/L
84-66-2	Diethylphthalate	49.9		0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.1		0.71	5.20	ug/L
86-73-7	Fluorene	49.5		0.66	5.20	ug/L
100-01-6	4-Nitroaniline	42.7		1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.0		3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	50.8		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	52.1		0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	51.6		0.54	5.20	ug/L
1912-24-9	Atrazine	55.7		1.10	5.20	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.4	ug/L
85-01-8	Phenanthrene	53.1		0.52	5.20	ug/L
120-12-7	Anthracene	51.7		0.64	5.20	ug/L
86-74-8	Carbazole	55.6		0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	63.0		1.30	5.20	ug/L
206-44-0	Fluoranthene	57.6		0.85	5.20	ug/L
129-00-0	Pyrene	36.0		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	57.1		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	26.3		0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	50.7		0.47	5.20	ug/L
218-01-9	Chrysene	51.0		0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.5		1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	51.4		2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	55.1		0.51	5.20	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605MS	SDG No.:	Q2268
Lab Sample ID:	Q2268-04MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142735.D	1	06/10/25 08:10	06/11/25 15:20	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	47.1		0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	51.5		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.1		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.3		0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	45.7		0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	51.9		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	24.8		1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.2		0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	60.0		23 - 138	40%	SPK: 150
13127-88-3	Phenol-d6	45.1		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.4		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.2		52 - 132	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	60.1		42 - 152	60%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	54200	6.893			
1146-65-2	Naphthalene-d8	195000	8.181			
15067-26-2	Acenaphthene-d10	96500	9.933			
1517-22-2	Phenanthrene-d10	149000	11.422			
1719-03-5	Chrysene-d12	131000	14.069			
1520-96-3	Perylene-d12	158000	15.563			

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:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605MSD	SDG No.:	Q2268
Lab Sample ID:	Q2268-05MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142736.D	1	06/10/25 08:10	06/11/25 15:50	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	47.0		4.10	10.4	ug/L
108-95-2	Phenol	18.0		0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.5		0.84	5.20	ug/L
95-57-8	2-Chlorophenol	38.1		0.60	5.20	ug/L
95-48-7	2-Methylphenol	33.0		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.7		1.30	5.20	ug/L
98-86-2	Acetophenone	72.7		0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	29.0		1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.8		1.50	2.60	ug/L
67-72-1	Hexachloroethane	100	E	0.68	5.20	ug/L
98-95-3	Nitrobenzene	51.2		0.79	5.20	ug/L
78-59-1	Isophorone	45.3		0.78	5.20	ug/L
88-75-5	2-Nitrophenol	46.6		1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	45.3		1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.7		0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.54	5.20	ug/L
91-20-3	Naphthalene	150	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	18.3		0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	41.9		0.56	5.20	ug/L
105-60-2	Caprolactam	10.0	J	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	38.0		0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	80.6		0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	85.2	E	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	48.7		0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	45.7		0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	49.6		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	49.2		0.64	5.20	ug/L
88-74-4	2-Nitroaniline	47.3		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	47.9		0.64	5.20	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605MSD	SDG No.:	Q2268
Lab Sample ID:	Q2268-05MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142736.D	1	06/10/25 08:10	06/11/25 15:50	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	47.9		0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	46.9		0.96	5.20	ug/L
99-09-2	3-Nitroaniline	22.4		1.10	5.20	ug/L
83-32-9	Acenaphthene	51.6		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	84.3	E	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	38.0		2.50	10.4	ug/L
132-64-9	Dibenzofuran	48.1		0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	47.4		1.30	5.20	ug/L
84-66-2	Diethylphthalate	48.5		0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.9		0.71	5.20	ug/L
86-73-7	Fluorene	47.5		0.66	5.20	ug/L
100-01-6	4-Nitroaniline	40.1		1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.4		3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	48.7		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	48.3		0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	48.2		0.54	5.20	ug/L
1912-24-9	Atrazine	53.5		1.10	5.20	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.4	ug/L
85-01-8	Phenanthrene	50.3		0.52	5.20	ug/L
120-12-7	Anthracene	48.2		0.64	5.20	ug/L
86-74-8	Carbazole	52.1		0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	59.2		1.30	5.20	ug/L
206-44-0	Fluoranthene	53.0		0.85	5.20	ug/L
129-00-0	Pyrene	36.0		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	55.9		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	26.9		0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	48.2		0.47	5.20	ug/L
218-01-9	Chrysene	49.0		0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54.5		1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	49.8		2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	52.4		0.51	5.20	ug/L

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Report of Analysis

Client:	PARSONS Engineering of New York, Inc.	Date Collected:	06/05/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/06/25
Client Sample ID:	MW-2-20250605MSD	SDG No.:	Q2268
Lab Sample ID:	Q2268-05MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142736.D	1	06/10/25 08:10	06/11/25 15:50	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	44.5		0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	48.4		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.2		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	44.7		0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	42.3		0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.5		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	22.5		1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.1		0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	55.9		23 - 138	37%	SPK: 150
13127-88-3	Phenol-d6	42.3		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.3		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.5		52 - 132	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	59.3		42 - 152	59%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	58500	6.893			
1146-65-2	Naphthalene-d8	207000	8.181			
15067-26-2	Acenaphthene-d10	104000	9.934			
1517-22-2	Phenanthrene-d10	163000	11.422			
1719-03-5	Chrysene-d12	133000	14.069			
1520-96-3	Perylene-d12	160000	15.563			

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-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 11 05:56:09 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142712.D 5.0 =BF142713.D 10 =BF142714.D 20 =BF142715.D 40 =BF142716.D 50 =BF142717.D 60 =BF142718.D 80 =BF1427
19.D

		Compound	2.5	5.0	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.499	0.448	0.472	0.455	0.481	0.460	0.439	0.465	4.40
3)		Pyridine		1.172	1.129	1.159	1.160	1.222	1.193	1.122	1.165	3.00
4)		n-Nitrosodimet...			0.558	0.590	0.591	0.633	0.617	0.588	0.596	4.36
5)	S	2-Fluorophenol		1.238	1.170	1.199	1.161	1.220	1.156	1.075	1.174	4.55
6)		Aniline		1.866	1.788	1.894	1.848	1.955	1.861	1.736	1.850	3.83
7)	S	Phenol-d6		1.434	1.339	1.400	1.376	1.446	1.377	1.302	1.382	3.67
8)		2-Chlorophenol		1.288	1.254	1.300	1.290	1.347	1.286	1.219	1.283	3.09
9)		Benzaldehyde			0.943	0.950	0.839	0.839	0.708		0.856	11.52
10)	C	Phenol		1.550	1.503	1.577	1.522	1.607	1.547	1.446	1.536	3.42
11)		bis(2-Chloroet...		1.222	1.118	1.149	1.130	1.202	1.131	1.079	1.147	4.29
12)		1,3-Dichlorobe...		1.557	1.483	1.504	1.451	1.513	1.411	1.333	1.465	5.08
13)	C	1,4-Dichlorobe...		1.596	1.483	1.519	1.454	1.528	1.431	1.349	1.480	5.34
14)		1,2-Dichlorobe...		1.554	1.418	1.444	1.401	1.457	1.375	1.282	1.419	5.83
15)		Benzyl Alcohol			0.970	1.049	1.059	1.121	1.061	1.007	1.045	4.95
16)		2,2'-oxybis(1-...		1.957	1.812	1.840	1.806	1.875	1.746	1.609	1.806	6.03
17)		2-Methylphenol		0.978	0.950	0.995	0.992	1.043	0.995	0.933	0.984	3.61
18)		Hexachloroethane		0.562	0.521	0.545	0.524	0.552	0.522	0.488	0.530	4.69
19)	P	n-Nitroso-di-n...	0.885	0.912	0.870	0.886	0.878	0.921	0.863	0.823	0.880	3.43
20)		3+4-Methylphenols			1.261	1.285	1.246	1.299	1.218	1.134	1.240	4.80
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.475	0.451	0.458	0.435	0.454	0.433	0.408	0.445	4.79
23)	S	Nitrobenzene-d5		0.381	0.363	0.369	0.358	0.378	0.363	0.346	0.365	3.24
24)		Nitrobenzene		0.338	0.313	0.326	0.320	0.335	0.327	0.312	0.324	3.10
25)		Isophorone		0.657	0.621	0.628	0.603	0.630	0.606	0.585	0.619	3.77
26)	C	2-Nitrophenol		0.172	0.174	0.183	0.181	0.192	0.187	0.178	0.181	3.92
27)		2,4-Dimethylph...		0.318	0.303	0.311	0.304	0.321	0.308	0.292	0.308	3.14
28)		bis(2-Chloroet...		0.408	0.381	0.392	0.377	0.397	0.378	0.356	0.384	4.31
29)	C	2,4-Dichloroph...		0.284	0.281	0.292	0.280	0.300	0.285	0.269	0.284	3.51
30)		1,2,4-Trichlor...		0.337	0.313	0.322	0.306	0.322	0.307	0.294	0.314	4.42
31)		Naphthalene		1.065	0.997	1.021	0.972	1.008	0.958	0.903	0.989	5.20
32)		Benzoic acid			0.137	0.162	0.174	0.192	0.190	0.186	0.174	12.16
33)		4-Chloroaniline		0.429	0.389	0.399	0.399	0.408	0.386	0.370	0.397	4.68
34)	C	Hexachlorobuta...		0.210	0.204	0.206	0.197	0.205	0.196	0.184	0.200	4.41
35)		Caprolactam			0.077	0.079	0.075	0.079	0.077	0.074	0.077	2.82
36)	C	4-Chloro-3-met...		0.317	0.299	0.303	0.289	0.301	0.287	0.273	0.296	4.76
37)		2-Methylnaphth...		0.674	0.649	0.641	0.618	0.636	0.599	0.565	0.626	5.72
38)		1-Methylnaphth...		0.727	0.666	0.669	0.629	0.650	0.619	0.580	0.649	7.16

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.585	0.592	0.589	0.568	0.618	0.570	0.531	0.579	4.64
41)	P	Hexachlorocycl...		0.297	0.348	0.375	0.414	0.400	0.396	0.372	11.64
42)	S	2,4,6-Tribromo...	0.236	0.223	0.224	0.213	0.226	0.210	0.202	0.219	5.28
43)	C	2,4,6-Trichlor...	0.349	0.373	0.383	0.373	0.405	0.380	0.359	0.375	4.79
44)		2,4,5-Trichlor...	0.404	0.404	0.413	0.400	0.431	0.399	0.383	0.405	3.61
45)	S	2-Fluorobiphenyl	1.690	1.610	1.569	1.444	1.535	1.402	1.289	1.505	9.04
46)		1,1'-Biphenyl	1.630	1.617	1.587	1.506	1.622	1.500	1.409	1.553	5.39
47)		2-Chloronaphth...	1.190	1.172	1.178	1.117	1.197	1.108	1.047	1.144	4.82
48)		2-Nitroaniline	0.320	0.321	0.333	0.323	0.345	0.325	0.311	0.325	3.38
49)		Acenaphthylene	2.053	1.986	2.003	1.881	1.991	1.847	1.744	1.929	5.65
50)		Dimethylphthalate	1.444	1.368	1.359	1.291	1.379	1.273	1.234	1.336	5.42
51)		2,6-Dinitrotol...	0.307	0.283	0.295	0.285	0.299	0.283	0.268	0.289	4.49
52)	C	Acenaphthene	1.266	1.222	1.224	1.170	1.237	1.155	1.099	1.196	4.80
53)		3-Nitroaniline	0.334	0.313	0.316	0.307	0.322	0.304	0.295	0.313	4.08
54)	P	2,4-Dinitrophenol		0.123	0.154	0.157	0.176	0.170	0.169	0.158	12.18
55)		Dibenzofuran	1.855	1.777	1.783	1.643	1.741	1.607	1.517	1.703	6.93
56)	P	4-Nitrophenol		0.203	0.219	0.210	0.222	0.212	0.208	0.212	3.42
57)		2,4-Dinitrotol...	0.396	0.383	0.399	0.377	0.396	0.372	0.348	0.382	4.73
58)		Fluorene	1.547	1.429	1.397	1.279	1.357	1.240	1.167	1.345	9.49
59)		2,3,4,6-Tetrac...	0.364	0.339	0.357	0.327	0.354	0.332	0.311	0.340	5.58
60)		Diethylphthalate	1.508	1.392	1.372	1.256	1.332	1.246	1.164	1.324	8.55
61)		4-Chlorophenyl...	0.748	0.692	0.680	0.633	0.663	0.610	0.571	0.657	8.84
62)		4-Nitroaniline	0.297	0.281	0.294	0.270	0.283	0.275	0.261	0.280	4.58
63)		Azobenzene	1.290	1.186	1.178	1.115	1.187	1.094	1.045	1.157	6.89
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.104	0.123	0.125	0.137	0.133	0.129	0.125	9.17
66)	c	n-Nitrosodiphe...	0.710	0.679	0.693	0.672	0.722	0.685	0.651	0.687	3.45
67)		4-Bromophenyl-...	0.240	0.229	0.238	0.231	0.252	0.236	0.227	0.236	3.52
68)		Hexachlorobenzene	0.270	0.261	0.263	0.255	0.275	0.260	0.251	0.262	3.17
69)		Atrazine	0.185	0.174	0.188	0.179	0.191	0.188	0.178	0.183	3.33
70)	C	Pentachlorophenol		0.118	0.133	0.139	0.148	0.144	0.142	0.137	7.80
71)		Phenanthrene	1.165	1.100	1.094	1.036	1.091	1.035	0.978	1.071	5.61
72)		Anthracene	1.203	1.145	1.140	1.064	1.132	1.072	1.004	1.108	5.96
73)		Carbazole	1.003	0.960	0.968	0.898	0.931	0.903	0.832	0.928	6.07
74)		Di-n-butylphth...	1.105	1.048	1.072	1.005	1.053	1.017	0.953	1.036	4.76
75)	C	Fluoranthene	1.184	1.083	1.081	0.965	0.988	0.953	0.878	1.019	10.08
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.711	0.772	0.799	0.754	0.684	0.553	0.712	12.40
78)		Pyrene	2.014	1.918	1.928	1.883	1.878	1.753	1.635	1.859	6.75
79)	S	Terphenyl-d14	1.609	1.562	1.556	1.462	1.430	1.327	1.247	1.456	9.11
80)		Butylbenzylpht...	0.435	0.486	0.526	0.581	0.626	0.605	0.588	0.550	12.67
81)		Benzo(a)anthra...	1.367	1.273	1.284	1.350	1.400	1.340	1.263	1.325	3.94
82)		3,3'-Dichlorob...		0.370	0.403	0.442	0.473	0.459	0.418	0.427	8.88
83)		Chrysene	1.298	1.208	1.245	1.172	1.250	1.222	1.170	1.224	3.72
84)		Bis(2-ethylhex...	0.616	0.709	0.756	0.895	0.977	0.926	0.896	0.825	16.02
85)	c	Di-n-octyl pht...		1.284	1.385	1.677	1.816	1.680	1.654	1.582	12.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.438	1.406	1.458	1.498	1.602	1.514	1.460	1.482	4.31
88)		Benzo(b)fluora...	1.256	1.094	1.112	1.162	1.230	1.251	1.139	1.178	5.71
89)		Benzo(k)fluora...	1.236	1.178	1.245	1.076	1.189	1.035	1.039	1.143	7.94
90)	C	Benzo(a)pyrene	1.164	1.085	1.122	1.104	1.184	1.111	1.068	1.120	3.70
91)		Dibenzo(a,h)an...	1.134	1.176	1.214	1.236	1.318	1.222	1.172	1.210	4.87
92)		Benzo(g,h,i)pe...	1.201	1.164	1.178	1.216	1.295	1.207	1.163	1.203	3.77

(#) = Out of Range

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2268 SAS No.: Q2268 SDG No.: Q2268

Instrument ID: BNA_F Calibration Date/Time: 06/11/2025 09:24

Lab File ID: BF142723.D Init. Calib. Date(s): 06/10/2025 06/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:54 20:19

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.174	1.141		-2.8	
Benzaldehyde	0.856	0.818		-4.4	
Phenol-d6	1.382	1.367		-1.1	
Phenol	1.536	1.528		-0.5	20.0
bis(2-Chloroethyl)ether	1.147	1.136		-1.0	
2-Chlorophenol	1.283	1.259		-1.9	
2-Methylphenol	0.984	0.985		0.1	
2,2-oxybis(1-Chloropropane)	1.806	1.799		-0.4	
Acetophenone	0.445	0.431		-3.1	
3+4-Methylphenols	1.240	1.242		0.2	
n-Nitroso-di-n-propylamine	0.880	0.889	0.050	1.0	
Nitrobenzene-d5	0.365	0.358		-1.9	
Hexachloroethane	0.530	0.508		-4.2	
Nitrobenzene	0.324	0.320		-1.2	
Isophorone	0.619	0.614		-0.8	
2-Nitrophenol	0.181	0.182		0.6	20.0
2,4-Dimethylphenol	0.308	0.305		-1.0	
bis(2-Chloroethoxy)methane	0.384	0.380		-1.0	
2,4-Dichlorophenol	0.284	0.284		0.0	20.0
Naphthalene	0.989	0.976		-1.3	
4-Chloroaniline	0.397	0.399		0.5	
Hexachlorobutadiene	0.200	0.197		-1.5	20.0
Caprolactam	0.077	0.080		3.9	
4-Chloro-3-methylphenol	0.296	0.295		-0.3	20.0
2-Methylnaphthalene	0.626	0.619		-1.1	
Hexachlorocyclopentadiene	0.372	0.369	0.050	-0.8	
2,4,6-Trichlorophenol	0.375	0.381		1.6	20.0
2-Fluorobiphenyl	1.505	1.452		-3.5	
2,4,5-Trichlorophenol	0.405	0.395		-2.5	
1,1-Biphenyl	1.553	1.516		-2.4	
2-Chloronaphthalene	1.144	1.134		-0.9	
2-Nitroaniline	0.325	0.326		0.3	
Dimethylphthalate	1.336	1.325		-0.8	
Acenaphthylene	1.929	1.891		-2.0	
2,6-Dinitrotoluene	0.289	0.285		-1.4	
3-Nitroaniline	0.313	0.309		-1.3	
Acenaphthene	1.196	1.172		-2.0	20.0
2,4-Dinitrophenol	0.158	0.159	0.050	0.6	
4-Nitrophenol	0.212	0.215	0.050	1.4	

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2268 SAS No.: Q2268 SDG No.: Q2268

Instrument ID: BNA_F Calibration Date/Time: 06/11/2025 09:24

Lab File ID: BF142723.D Init. Calib. Date(s): 06/10/2025 06/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:54 20:19

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.703	1.673		-1.8	
2,4-Dinitrotoluene	0.382	0.392		2.6	
Diethylphthalate	1.324	1.318		-0.5	
4-Chlorophenyl-phenylether	0.657	0.651		-0.9	
Fluorene	1.345	1.301		-3.3	
4-Nitroaniline	0.280	0.290		3.6	
4,6-Dinitro-2-methylphenol	0.125	0.125		0.0	
n-Nitrosodiphenylamine	0.687	0.667		-2.9	20.0
2,4,6-Tribromophenol	0.219	0.218		-0.5	
4-Bromophenyl-phenylether	0.236	0.233		-1.3	
Hexachlorobenzene	0.262	0.255		-2.7	
Atrazine	0.183	0.192		4.9	
Pentachlorophenol	0.137	0.138		0.7	20.0
Phenanthrene	1.071	1.043		-2.6	
Anthracene	1.108	1.070		-3.4	
Carbazole	0.928	0.921		-0.8	
Di-n-butylphthalate	1.036	1.101		6.3	
Fluoranthene	1.019	1.017		-0.2	20.0
Pyrene	1.859	1.904		2.4	
Terphenyl-d14	1.456	1.502		3.2	
Butylbenzylphthalate	0.550	0.589		7.1	
3,3-Dichlorobenzidine	0.427	0.407		-4.7	
Benzo(a)anthracene	1.325	1.330		0.4	
Chrysene	1.224	1.168		-4.6	
Bis(2-ethylhexyl)phthalate	0.825	0.821		-0.5	
Di-n-octyl phthalate	1.582	1.500		-5.2	20.0
Benzo(b)fluoranthene	1.178	1.192		1.2	
Benzo(k)fluoranthene	1.143	1.132		-1.0	
Benzo(a)pyrene	1.120	1.112		-0.7	20.0
Indeno(1,2,3-cd)pyrene	1.482	1.501		1.3	
Dibenzo(a,h)anthracene	1.210	1.240		2.5	
Benzo(g,h,i)perylene	1.203	1.196		-0.6	
1,2,4,5-Tetrachlorobenzene	0.579	0.567		-2.1	
1,4-Dioxane	0.465	0.450		-3.2	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.335		-1.5	

All other compounds must meet a minimum RRF of 0.010.

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

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2268 SAS No.: Q2268 SDG No.: Q2268

Instrument ID: BNA_F Calibration Date/Time: 06/12/2025 09:50

Lab File ID: BF142748.D Init. Calib. Date(s): 06/10/2025 06/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:54 20:19

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.174	1.175		0.1	
Benzaldehyde	0.856	0.797		-6.9	
Phenol-d6	1.382	1.342		-2.9	
Phenol	1.536	1.497		-2.5	20.0
bis(2-Chloroethyl)ether	1.147	1.093		-4.7	
2-Chlorophenol	1.283	1.262		-1.6	
2-Methylphenol	0.984	0.951		-3.4	
2,2-oxybis(1-Chloropropane)	1.806	1.699		-5.9	
Acetophenone	0.445	0.432		-2.9	
3+4-Methylphenols	1.240	1.171		-5.6	
n-Nitroso-di-n-propylamine	0.880	0.795	0.050	-9.7	
Nitrobenzene-d5	0.365	0.362		-0.8	
Hexachloroethane	0.530	0.514		-3.0	
Nitrobenzene	0.324	0.324		0.0	
Isophorone	0.619	0.568		-8.2	
2-Nitrophenol	0.181	0.176		-2.8	20.0
2,4-Dimethylphenol	0.308	0.303		-1.6	
bis(2-Chloroethoxy)methane	0.384	0.365		-4.9	
2,4-Dichlorophenol	0.284	0.278		-2.1	20.0
Naphthalene	0.989	0.963		-2.6	
4-Chloroaniline	0.397	0.377		-5.0	
Hexachlorobutadiene	0.200	0.199		-0.5	20.0
Caprolactam	0.077	0.066		-14.3	
4-Chloro-3-methylphenol	0.296	0.272		-8.1	20.0
2-Methylnaphthalene	0.626	0.589		-5.9	
Hexachlorocyclopentadiene	0.372	0.359	0.050	-3.5	
2,4,6-Trichlorophenol	0.375	0.381		1.6	20.0
2-Fluorobiphenyl	1.505	1.507		0.1	
2,4,5-Trichlorophenol	0.405	0.402		-0.7	
1,1-Biphenyl	1.553	1.558		0.3	
2-Chloronaphthalene	1.144	1.155		1.0	
2-Nitroaniline	0.325	0.314		-3.4	
Dimethylphthalate	1.336	1.248		-6.6	
Acenaphthylene	1.929	1.913		-0.8	
2,6-Dinitrotoluene	0.289	0.266		-8.0	
3-Nitroaniline	0.313	0.290		-7.3	
Acenaphthene	1.196	1.155		-3.4	20.0
2,4-Dinitrophenol	0.158	0.125	0.050	-20.9	
4-Nitrophenol	0.212	0.185	0.050	-12.7	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Instrument ID: BNA_F Calibration Date/Time: 06/12/2025 09:50

Lab File ID: BF142748.D Init. Calib. Date(s): 06/10/2025 06/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:54 20:19

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.703	1.644		-3.5	
2,4-Dinitrotoluene	0.382	0.352		-7.9	
Diethylphthalate	1.324	1.176		-11.2	
4-Chlorophenyl-phenylether	0.657	0.619		-5.8	
Fluorene	1.345	1.257		-6.5	
4-Nitroaniline	0.280	0.254		-9.3	
4,6-Dinitro-2-methylphenol	0.125	0.114		-8.8	
n-Nitrosodiphenylamine	0.687	0.684		-0.4	20.0
2,4,6-Tribromophenol	0.219	0.199		-9.1	
4-Bromophenyl-phenylether	0.236	0.231		-2.1	
Hexachlorobenzene	0.262	0.254		-3.1	
Atrazine	0.183	0.167		-8.7	
Pentachlorophenol	0.137	0.127		-7.3	20.0
Phenanthrene	1.071	1.031		-3.7	
Anthracene	1.108	1.071		-3.3	
Carbazole	0.928	0.892		-3.9	
Di-n-butylphthalate	1.036	0.951		-8.2	
Fluoranthene	1.019	0.949		-6.9	20.0
Pyrene	1.859	1.594		-14.3	
Terphenyl-d14	1.456	1.245		-14.5	
Butylbenzylphthalate	0.550	0.566		2.9	
3,3-Dichlorobenzidine	0.427	0.465		8.9	
Benzo(a)anthracene	1.325	1.297		-2.1	
Chrysene	1.224	1.214		-0.8	
Bis(2-ethylhexyl)phthalate	0.825	0.883		7.0	
Di-n-octyl phthalate	1.582	1.645		4.0	20.0
Benzo(b)fluoranthene	1.178	1.089		-7.6	
Benzo(k)fluoranthene	1.143	1.134		-0.8	
Benzo(a)pyrene	1.120	1.094		-2.3	20.0
Indeno(1,2,3-cd)pyrene	1.482	1.417		-4.4	
Dibenzo(a,h)anthracene	1.210	1.148		-5.1	
Benzo(g,h,i)perylene	1.203	1.125		-6.5	
1,2,4,5-Tetrachlorobenzene	0.579	0.594		2.6	
1,4-Dioxane	0.465	0.477		2.6	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.314		-7.6	

All other compounds must meet a minimum RRF of 0.010.