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

LAB CHRONICLE

OrderID:	Q2553	**OrderDate:**	7/9/2025 4:20:00 PM
Client:	First Environment, Inc.	**Project:**	White Plains Housing Authority - WPHA006
Contact:	Ken Cwieka	**Location:**	A43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2553-01	**AOC-201**	**Water**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/11/25	07/14/25	
Q2553-02	**AOC-202**	**Water**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/11/25	07/14/25	
Q2553-03	**AOC-203**	**Water**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/11/25	07/14/25	
Q2553-04	**AOC-205**	**Water**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/11/25	07/14/25	
Q2553-05	**FB**	**Water**			**07/09/25**			**07/09/25**
			SVOC-TCL BNA -20	8270E		07/11/25	07/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : AOC-201									
Q2553-01	AOC-201	WATER	Naphthalene		15.200		0.51	5.1	ug/L
Q2553-01	AOC-201	WATER	2-Methylnaphthalene		22.900		0.57	5.1	ug/L
			Total Svoc :		**38.10**				
Q2553-01	AOC-201	WATER	o-Cymene	*	7.700	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Phenol, 3-ethyl-5-methyl-	*	7.400	J	0	0	ug/L
Q2553-01	AOC-201	WATER	unknown6.849	*	35.200	J	0	0	ug/L
Q2553-01	AOC-201	WATER	unknown7.108	*	250.000	J	0	0	ug/L
Q2553-01	AOC-201	WATER	unknown7.55	*	63.500	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1,2,3,5-tetramethyl-	*	33.200	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1,2-diethyl-	*	9.500	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1,3-diethyl-	*	46.800	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1,4-diethyl-	*	31.000	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1-ethyl-2,3-dimethyl-	*	56.700	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1-ethyl-3-methyl-	*	12.500	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 1-methyl-3-(1-methyleth	*	35.100	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	57.600	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Benzophenone	*	7.600	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Dicyclopentadiene	*	27.800	J	0	0	ug/L
Q2553-01	AOC-201	WATER	Indane	*	15.000	J	0	0	ug/L
Q2553-01	AOC-201	WATER	1,3-Cyclopentadiene, 1,2,3,4-tetra	*	27.700	J	0	0	ug/L
Q2553-01	AOC-201	WATER	1H-Inden-1-ol, 2,3-dihydro-2-met	*	6.500	J	0	0	ug/L
Q2553-01	AOC-201	WATER	1H-Indene, 2,3-dihydro-1,6-dimet	*	6.600	J	0	0	ug/L
Q2553-01	AOC-201	WATER	1H-Indene, 2,3-dihydro-5-methyl-	*	26.300	J	0	0	ug/L
Q2553-01	AOC-201	WATER	1-Methylnaphthalene	*	43.700	J	0.67	5.1	ug/L
			Total Tics :		**807.40**				
			Total Concentration:		**845.50**				
Client ID : AOC-202									
Q2553-02	AOC-202	WATER	1-(2-Methoxy-5-methylphenyl)pro	*	3.600	J	0	0	ug/L
Q2553-02	AOC-202	WATER	1,2-Dimethyl-cyclopent-2-enecarb	*	4.100	J	0	0	ug/L
Q2553-02	AOC-202	WATER	1,3,8-p-Menthatriene	*	5.200	J	0	0	ug/L
Q2553-02	AOC-202	WATER	1H-Indene, 2,3-dihydro-1,6-dimet	*	3.700	J	0	0	ug/L
Q2553-02	AOC-202	WATER	2,2-Dimethylindene, 2,3-dihydro-	*	3.400	J	0	0	ug/L
Q2553-02	AOC-202	WATER	2,3,4,5-Tetramethylbenzoic acid	*	4.000	J	0	0	ug/L
Q2553-02	AOC-202	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.100	AB	0	0	ug/L
Q2553-02	AOC-202	WATER	4-Isopropylphenylacetic acid	*	3.700	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzene, (1,1-dimethyl-2-propeny	*	4.300	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzene, (2-methyl-1-butenyl)-	*	4.200	J	0	0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Q2553-02	AOC-202	WATER	Benzene, 1,2,3,4-tetramethyl-	*	7.800	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzene, 1,2-diethyl-	*	10.200	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzene, 1,3-diethyl-	*	9.300	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzoic acid, 2,4,5-trimethyl-	*	18.000	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Benzophenone	*	4.400	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Bicyclo[3.1.0]hexane, 1,5-dimethy	*	3.400	J	0	0	ug/L
Q2553-02	AOC-202	WATER	Ethyl o-methylbenzoate	*	7.200	J	0	0	ug/L
Q2553-02	AOC-202	WATER	n-Hexadecanoic acid	*	5.300	J	0	0	ug/L
Q2553-02	AOC-202	WATER	unknown10.242	*	3.700	J	0	0	ug/L
Q2553-02	AOC-202	WATER	unknown8.448	*	4.800	J	0	0	ug/L
			Total Tics :		**114.40**				
			Total Concentration:		**114.40**				
Client ID :	**AOC-203**								
Q2553-03	AOC-203	WATER	Naphthalene		11.100		0.5	5	ug/L
Q2553-03	AOC-203	WATER	2-Methylnaphthalene		4.300	J	0.56	5	ug/L
			Total Svoc :		**15.40**				
Q2553-03	AOC-203	WATER	1H-Inden-1-ol, 2,3-dihydro-	*	7.000	J	0	0	ug/L
Q2553-03	AOC-203	WATER	1H-Inden-1-one, 2,3-dihydro-	*	5.000	J	0	0	ug/L
Q2553-03	AOC-203	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.400	AB	0	0	ug/L
Q2553-03	AOC-203	WATER	3-Phenylbut-1-ene	*	9.900	J	0	0	ug/L
Q2553-03	AOC-203	WATER	4,7-Methano-1H-indene, 2,3,3a,4,	*	4.600	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1,2,3,5-tetramethyl-	*	4.300	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1,2,4,5-tetramethyl-	*	21.000	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1,2-diethyl-	*	7.200	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1,3-diethyl-	*	15.200	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1,4-diethyl-	*	21.300	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1-ethyl-3-methyl-	*	12.900	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 1-methyl-2-propyl-	*	4.600	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	37.400	J	0	0	ug/L
Q2553-03	AOC-203	WATER	2-Butenoic acid, 2-propenylidene	*	9.200	J	0	0	ug/L
Q2553-03	AOC-203	WATER	n-Hexadecanoic acid	*	4.100	J	0	0	ug/L
Q2553-03	AOC-203	WATER	o-Cymene	*	4.800	J	0	0	ug/L
Q2553-03	AOC-203	WATER	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	*	72.600	J	0	0	ug/L
Q2553-03	AOC-203	WATER	unknown6.690	*	14.700	J	0	0	ug/L
Q2553-03	AOC-203	WATER	unknown6.849	*	15.700	J	0	0	ug/L
Q2553-03	AOC-203	WATER	unknown7.555	*	48.100	J	0	0	ug/L
Q2553-03	AOC-203	WATER	1-Methylnaphthalene	*	9.500	J	0.66	5	ug/L
			Total Tics :		**333.50**				
			Total Concentration:		**348.90**				

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Hit Summary Sheet
SW-846

SDG No.: Q2553

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : AOC-205									
Q2553-04	AOC-205	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	3.700	AB	0	0	ug/L
Q2553-04	AOC-205	WATER	n-Hexadecanoic acid	*	2.100	J	0	0	ug/L
			Total Tics :				**5.80**		
			Total Concentration:				**5.80**		
Client ID : FB									
Q2553-05	FB	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.000	AB	0	0	ug/L
Q2553-05	FB	WATER	2-Propanol, 1-(2-butoxy-1-methyl	*	2.700	J	0	0	ug/L
Q2553-05	FB	WATER	Butane, 2-methoxy-2-methyl-	*	61.600	J	0	0	ug/L
			Total Tics :				**68.30**		
			Total Concentration:				**68.30**		

SAMPLE DATA

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025124.D	1	07/11/25 08:32	07/14/25 17:46	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.1	U	3.90	10.1	ug/L
108-95-2	Phenol	5.10	U	0.92	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.10	U	0.82	5.10	ug/L
95-57-8	2-Chlorophenol	5.10	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	5.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.10	U	1.30	5.10	ug/L
98-86-2	Acetophenone	5.10	U	0.75	5.10	ug/L
65794-96-9	3+4-Methylphenols	10.1	U	1.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.10	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	5.10	U	0.77	5.10	ug/L
78-59-1	Isophorone	5.10	U	0.76	5.10	ug/L
88-75-5	2-Nitrophenol	5.10	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	5.10	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.10	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	5.10	U	0.53	5.10	ug/L
91-20-3	Naphthalene	15.2		0.51	5.10	ug/L
106-47-8	4-Chloroaniline	5.10	UQ	0.85	5.10	ug/L
87-68-3	Hexachlorobutadiene	5.10	U	0.55	5.10	ug/L
105-60-2	Caprolactam	10.1	U	1.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	5.10	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	22.9		0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	10.1	U	3.70	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	5.10	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	5.10	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	5.10	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	5.10	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	5.10	U	0.62	5.10	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025124.D	1	07/11/25 08:32	07/14/25 17:46	PB168816

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025124.D	1	07/11/25 08:32	07/14/25 17:46	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.10	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.10	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	5.10	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.10	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.8		15 (23) - 110 (138)	47%	SPK: 150
13127-88-3	Phenol-d6	42.6		15 (10) - 110 (134)	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.8		30 (67) - 130 (132)	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.3		30 (52) - 130 (132)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	152		15 (44) - 110 (137)	101%	SPK: 150
1718-51-0	Terphenyl-d14	98.9		30 (42) - 130 (152)	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	556000	7.431			
1146-65-2	Naphthalene-d8	2050000	10.178			
15067-26-2	Acenaphthene-d10	1260000	14.084			
1517-22-2	Phenanthrene-d10	2400000	16.901			
1719-03-5	Chrysene-d12	2400000	21.336			
1520-96-3	Perylene-d12	2750000	24.454			
TENTATIVE IDENTIFIED COMPOUNDS						
000620-14-4	Benzene, 1-ethyl-3-methyl-	12.5	J		6.69	ug/L
	unknown6.849	35.2	J		6.85	ug/L
	unknown7.108	250	J		7.11	ug/L
	unknown7.55	63.5	J		7.55	ug/L
000077-73-6	Dicyclopentadiene	27.8	J		7.71	ug/L
000496-11-7	Indane	15.0	J		7.80	ug/L
000141-93-5	Benzene, 1,3-diethyl-	46.8	J		7.93	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-201	SDG No.:	Q2553
Lab Sample ID:	Q2553-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025124.D	1	07/11/25 08:32	07/14/25 17:46	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000105-05-5	Benzene, 1,4-diethyl-	31.0	J		8.07	ug/L
000135-01-3	Benzene, 1,2-diethyl-	9.50	J		8.12	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	56.7	J		8.38	ug/L
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	35.1	J		8.43	ug/L
000527-84-4	o-Cymene	7.70	J		8.85	ug/L
076089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetra	27.7	J		9.04	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	33.2	J		9.10	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	26.3	J		9.45	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	57.6	J		9.60	ug/L
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	6.60	J		10.3	ug/L
000698-71-5	Phenol, 3-ethyl-5-methyl-	7.40	J		10.8	ug/L
017496-18-3	1H-Inden-1-ol, 2,3-dihydro-2-methy	6.50	J		11.4	ug/L
90-12-0	1-Methylnaphthalene	43.7	J		12.1	ug/L
000119-61-9	Benzophenone	7.60	J		15.5	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:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025125.D	1	07/11/25 08:32	07/14/25 18:27	PB168816

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025125.D	1	07/11/25 08:32	07/14/25 18:27	PB168816

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025125.D	1	07/11/25 08:32	07/14/25 18:27	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.10	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.10	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	5.10	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.10	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.6		15 (23) - 110 (138)	46%	SPK: 150
13127-88-3	Phenol-d6	40.0		15 (10) - 110 (134)	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		30 (67) - 130 (132)	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.3		30 (52) - 130 (132)	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		15 (44) - 110 (137)	106%	SPK: 150
1718-51-0	Terphenyl-d14	92.3		30 (42) - 130 (152)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	460000	7.437			
1146-65-2	Naphthalene-d8	1740000	10.178			
15067-26-2	Acenaphthene-d10	1020000	14.083			
1517-22-2	Phenanthrene-d10	2000000	16.907			
1719-03-5	Chrysene-d12	2270000	21.324			
1520-96-3	Perylene-d12	2590000	24.471			
TENTATIVE IDENTIFIED COMPOUNDS						
1010142-17-5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	3.40	J		4.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.10	AB		4.65	ug/L
000141-93-5	Benzene, 1,3-diethyl-	9.30	J		7.93	ug/L
000135-01-3	Benzene, 1,2-diethyl-	10.2	J		8.08	ug/L
018368-95-1	1,3,8-p-Menthatriene	5.20	J		8.13	ug/L
	unknown8.448	4.80	J		8.45	ug/L
1000190-58-1	1,2-Dimethyl-cyclopent-2-enecarbox	4.10	J		8.69	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-202	SDG No.:	Q2553
Lab Sample ID:	Q2553-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025125.D	1	07/11/25 08:32	07/14/25 18:27	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
018321-36-3	Benzene, (1,1-dimethyl-2-propenyl)	4.30	J		8.77	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	7.80	J		9.04	ug/L
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	3.70	J		9.21	ug/L
056253-64-6	Benzene, (2-methyl-1-butenyl)-	4.20	J		9.40	ug/L
020836-11-7	2,2-Dimethylindene, 2,3-dihydro-	3.40	J		9.48	ug/L
	unknown10.242	3.70	J		10.2	ug/L
000528-90-5	Benzoic acid, 2,4,5-trimethyl-	18.0	J		13.3	ug/L
000087-24-1	Ethyl o-methylbenzoate	7.20	J		13.7	ug/L
082620-73-3	1-(2-Methoxy-5-methylphenyl)propar	3.60	J		14.3	ug/L
004476-28-2	4-Isopropylphenylacetic acid	3.70	J		14.5	ug/L
002529-39-7	2,3,4,5-Tetramethylbenzoic acid	4.00	J		14.8	ug/L
000119-61-9	Benzophenone	4.40	J		15.5	ug/L
000057-10-3	n-Hexadecanoic acid	5.30	J		17.9	ug/L

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

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025126.D	1	07/11/25 08:32	07/14/25 19:09	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	11.1		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	UQ	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.30	J	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025126.D	1	07/11/25 08:32	07/14/25 19:09	PB168816

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025126.D	1	07/11/25 08:32	07/14/25 19:09	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	71.9		15 (23) - 110 (138)	48%	SPK: 150
13127-88-3	Phenol-d6	42.7		15 (10) - 110 (134)	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		30 (67) - 130 (132)	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.4		30 (52) - 130 (132)	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	171	*	15 (44) - 110 (137)	114%	SPK: 150
1718-51-0	Terphenyl-d14	90.1		30 (42) - 130 (152)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	357000	7.437			
1146-65-2	Naphthalene-d8	1360000	10.178			
15067-26-2	Acenaphthene-d10	849000	14.084			
1517-22-2	Phenanthrene-d10	1830000	16.895			
1719-03-5	Chrysene-d12	2430000	21.324			
1520-96-3	Perylene-d12	2990000	24.448			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.40	AB		4.66	ug/L
	unknown6.690	14.7	J		6.69	ug/L
	unknown6.849	15.7	J		6.85	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	12.9	J		7.10	ug/L
	unknown7.555	48.1	J		7.55	ug/L
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	72.6	J		7.81	ug/L
000105-05-5	Benzene, 1,4-diethyl-	21.3	J		7.93	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-203	SDG No.:	Q2553
Lab Sample ID:	Q2553-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025126.D	1	07/11/25 08:32	07/14/25 19:09	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000141-93-5	Benzene, 1,3-diethyl-	15.2	J		8.07	ug/L
000135-01-3	Benzene, 1,2-diethyl-	7.20	J		8.12	ug/L
001074-17-5	Benzene, 1-methyl-2-propyl-	4.60	J		8.23	ug/L
002826-19-9	4,7-Methano-1H-indene, 2,3,3a,4,7,	4.60	J		8.43	ug/L
000527-84-4	o-Cymene	4.80	J		8.85	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	21.0	J		9.04	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	4.30	J		9.10	ug/L
000934-10-1	3-Phenylbut-1-ene	9.90	J		9.45	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	37.4	J		9.60	ug/L
006351-10-6	1H-Inden-1-ol, 2,3-dihydro-	7.00	J		10.8	ug/L
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	5.00	J		11.6	ug/L
90-12-0	1-Methylnaphthalene	9.50	J		12.1	ug/L
055030-70-1	2-Butenoic acid, 2-propenylidene e	9.20	J		16.4	ug/L
000057-10-3	n-Hexadecanoic acid	4.10	J		17.9	ug/L

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

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025127.D	1	07/11/25 08:32	07/14/25 19:51	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.2	U	4.00	10.2	ug/L
108-95-2	Phenol	5.10	U	0.93	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.10	U	0.83	5.10	ug/L
95-57-8	2-Chlorophenol	5.10	U	0.59	5.10	ug/L
95-48-7	2-Methylphenol	5.10	U	1.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.10	U	1.30	5.10	ug/L
98-86-2	Acetophenone	5.10	U	0.76	5.10	ug/L
65794-96-9	3+4-Methylphenols	10.2	U	1.10	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.40	2.60	ug/L
67-72-1	Hexachloroethane	5.10	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	5.10	U	0.78	5.10	ug/L
78-59-1	Isophorone	5.10	U	0.77	5.10	ug/L
88-75-5	2-Nitrophenol	5.10	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	5.10	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.10	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	5.10	U	0.53	5.10	ug/L
91-20-3	Naphthalene	5.10	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	5.10	UQ	0.86	5.10	ug/L
87-68-3	Hexachlorobutadiene	5.10	U	0.55	5.10	ug/L
105-60-2	Caprolactam	10.2	U	1.20	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	5.10	U	0.60	5.10	ug/L
91-57-6	2-Methylnaphthalene	5.10	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	10.2	U	3.70	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	0.52	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	5.10	U	0.63	5.10	ug/L
92-52-4	1,1-Biphenyl	5.10	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	5.10	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	5.10	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	5.10	U	0.62	5.10	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025127.D	1	07/11/25 08:32	07/14/25 19:51	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.10	U	0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	5.10	U	0.94	5.10	ug/L
99-09-2	3-Nitroaniline	5.10	UQ	1.10	5.10	ug/L
83-32-9	Acenaphthene	5.10	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	10.2	U	6.10	10.2	ug/L
100-02-7	4-Nitrophenol	10.2	U	2.40	10.2	ug/L
132-64-9	Dibenzofuran	5.10	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	5.10	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	5.10	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.10	U	0.69	5.10	ug/L
86-73-7	Fluorene	5.10	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	5.10	U	1.50	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.2	U	2.90	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	5.10	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	5.10	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	5.10	U	0.53	5.10	ug/L
1912-24-9	Atrazine	5.10	U	1.00	5.10	ug/L
87-86-5	Pentachlorophenol	10.2	U	1.60	10.2	ug/L
85-01-8	Phenanthrene	5.10	U	0.51	5.10	ug/L
120-12-7	Anthracene	5.10	U	0.62	5.10	ug/L
86-74-8	Carbazole	5.10	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	5.10	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	5.10	U	0.84	5.10	ug/L
129-00-0	Pyrene	5.10	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	5.10	U	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	10.2	U	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	5.10	U	0.46	5.10	ug/L
218-01-9	Chrysene	5.10	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.10	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	10.2	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	5.10	U	0.50	5.10	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025127.D	1	07/11/25 08:32	07/14/25 19:51	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.10	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	5.10	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.10	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	5.10	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.10	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	5.10	U	1.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.10	U	0.73	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	66.1		15 (23) - 110 (138)	44%	SPK: 150
13127-88-3	Phenol-d6	39.0		15 (10) - 110 (134)	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.3		30 (67) - 130 (132)	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.2		30 (52) - 130 (132)	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		15 (44) - 110 (137)	100%	SPK: 150
1718-51-0	Terphenyl-d14	94.7		30 (42) - 130 (152)	95%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	459000	7.437			
1146-65-2	Naphthalene-d8	1720000	10.178			
15067-26-2	Acenaphthene-d10	992000	14.078			
1517-22-2	Phenanthrene-d10	1990000	16.895			
1719-03-5	Chrysene-d12	2240000	21.324			
1520-96-3	Perylene-d12	2610000	24.448			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.70	AB		4.66	ug/L
000057-10-3	n-Hexadecanoic acid	2.10	J		17.9	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	AOC-205	SDG No.:	Q2553
Lab Sample ID:	Q2553-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025127.D	1	07/11/25 08:32	07/14/25 19:51	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050441.D	1	07/11/25 08:32	07/15/25 00:53	PB168816

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050441.D	1	07/11/25 08:32	07/15/25 00:53	PB168816

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050441.D	1	07/11/25 08:32	07/15/25 00:53	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	75.5		15 (23) - 110 (138)	50%	SPK: 150
13127-88-3	Phenol-d6	43.8		15 (10) - 110 (134)	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	105		30 (67) - 130 (132)	105%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.2		30 (52) - 130 (132)	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	192	*	15 (44) - 110 (137)	128%	SPK: 150
1718-51-0	Terphenyl-d14	126		30 (42) - 130 (152)	126%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	329000	7.857			
1146-65-2	Naphthalene-d8	1200000	10.657			
15067-26-2	Acenaphthene-d10	770000	14.486			
1517-22-2	Phenanthrene-d10	1550000	17.215			
1719-03-5	Chrysene-d12	1530000	21.433			
1520-96-3	Perylene-d12	1560000	24.462			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	61.6	J		3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.00	AB		4.97	ug/L
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	2.70	J		11.3	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	07/09/25
Project:	White Plains Housing Authority - WPHA006	Date Received:	07/09/25
Client Sample ID:	FB	SDG No.:	Q2553
Lab Sample ID:	Q2553-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050441.D	1	07/11/25 08:32	07/15/25 00:53	PB168816

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.: Q2553

Client: First Environment, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168816BL	PB168816BL	2-Fluorophenol	150	134	89		15 (23)	110 (138)
		Phenol-d6	150	130	87		15 (10)	110 (134)
		Nitrobenzene-d5	100	81.9	82		30 (67)	130 (132)
		2-Fluorobiphenyl	100	82.2	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	130	87		15 (44)	110 (137)
		Terphenyl-d14	100	97.9	98		30 (42)	130 (152)
PB168816BS	PB168816BS	2-Fluorophenol	150	149	100		15 (23)	110 (138)
		Phenol-d6	150	149	99		15 (10)	110 (134)
		Nitrobenzene-d5	100	89.5	90		30 (67)	130 (132)
		2-Fluorobiphenyl	100	89.5	89		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	165	110		15 (44)	110 (137)
		Terphenyl-d14	100	98.4	98		30 (42)	130 (152)
PB168816BSD	PB168816BSD	2-Fluorophenol	150	152	101		15 (23)	110 (138)
		Phenol-d6	150	150	100		15 (10)	110 (134)
		Nitrobenzene-d5	100	91.4	91		30 (67)	130 (132)
		2-Fluorobiphenyl	100	89.8	90		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	162	108		15 (44)	110 (137)
		Terphenyl-d14	100	98.7	99		30 (42)	130 (152)
Q2553-01	AOC-201	2-Fluorophenol	150	70.8	47		15 (23)	110 (138)
		Phenol-d6	150	42.6	28		15 (10)	110 (134)
		Nitrobenzene-d5	100	98.8	99		30 (67)	130 (132)
		2-Fluorobiphenyl	100	90.3	90		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	152	101		15 (44)	110 (137)
		Terphenyl-d14	100	98.9	99		30 (42)	130 (152)
Q2553-02	AOC-202	2-Fluorophenol	150	68.6	46		15 (23)	110 (138)
		Phenol-d6	150	40.0	27		15 (10)	110 (134)
		Nitrobenzene-d5	100	103	103		30 (67)	130 (132)
		2-Fluorobiphenyl	100	92.3	92		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	158	106		15 (44)	110 (137)
		Terphenyl-d14	100	92.3	92		30 (42)	130 (152)
Q2553-03	AOC-203	2-Fluorophenol	150	71.9	48		15 (23)	110 (138)
		Phenol-d6	150	42.7	28		15 (10)	110 (134)
		Nitrobenzene-d5	100	103	103		30 (67)	130 (132)
		2-Fluorobiphenyl	100	92.4	92		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	171	114	*	15 (44)	110 (137)
		Terphenyl-d14	100	90.1	90		30 (42)	130 (152)
Q2553-04	AOC-205	2-Fluorophenol	150	66.1	44		15 (23)	110 (138)
		Phenol-d6	150	39.0	26		15 (10)	110 (134)
		Nitrobenzene-d5	100	96.3	96		30 (67)	130 (132)
		2-Fluorobiphenyl	100	91.2	91		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	150	100		15 (44)	110 (137)
		Terphenyl-d14	100	94.7	95		30 (42)	130 (152)
Q2553-05	FB	2-Fluorophenol	150	75.5	50		15 (23)	110 (138)
		Phenol-d6	150	43.8	29		15 (10)	110 (134)
		Nitrobenzene-d5	100	105	105		30 (67)	130 (132)
		2-Fluorobiphenyl	100	99.2	99		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	192	128	*	15 (44)	110 (137)
		Terphenyl-d14	100	126	126		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2553 **Analytical Method:** 8270E

Client: First Environment, Inc. **DataFile:** BM050434.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168816BS	Benzaldehyde	50	47.3	ug/L	95				20 (10)	160 (162)	
	Phenol	50	54.3	ug/L	109				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	50.7	ug/L	101				70 (62)	130 (103)	
	2-Chlorophenol	50	53.8	ug/L	108				70 (70)	130 (117)	
	2-Methylphenol	50	53.9	ug/L	108				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	49.6	ug/L	99				70 (65)	130 (100)	
	Acetophenone	50	51.6	ug/L	103				70 (60)	130 (104)	
	3+4-Methylphenols	50	52.7	ug/L	105				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	52.2	ug/L	104				70 (57)	130 (107)	
	Hexachloroethane	50	50.4	ug/L	101				20 (76)	160 (118)	
	Nitrobenzene	50	52.1	ug/L	104				70 (58)	130 (106)	
	Isophorone	50	51.9	ug/L	104				70 (61)	130 (102)	
	2-Nitrophenol	50	57.7	ug/L	115				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	53.4	ug/L	107				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	51.5	ug/L	103				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	54.8	ug/L	110				70 (66)	130 (115)	
	Naphthalene	50	50.8	ug/L	102				70 (64)	130 (107)	
	4-Chloroaniline	50	23.3	ug/L	47		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	50.9	ug/L	102				70 (69)	130 (101)	
	Caprolactam	50	53.3	ug/L	107				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	54.9	ug/L	110				70 (65)	130 (114)	
	2-Methylnaphthalene	50	52.2	ug/L	104				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	120	ug/L	120				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	57.2	ug/L	114				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	57.1	ug/L	114				70 (70)	130 (106)	
	1,1-Biphenyl	50	53.3	ug/L	107				70 (72)	130 (98)	
	2-Chloronaphthalene	50	53.0	ug/L	106				70 (59)	130 (106)	
	2-Nitroaniline	50	59.7	ug/L	119				70 (73)	130 (114)	
	Dimethylphthalate	50	53.8	ug/L	108				70 (64)	130 (103)	
	Acenaphthylene	50	54.3	ug/L	109				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	58.0	ug/L	116				70 (64)	130 (110)	
	3-Nitroaniline	50	35.4	ug/L	71				70 (28)	130 (100)	
	Acenaphthene	50	59.1	ug/L	118				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	120	ug/L	120				20 (36)	160 (166)	
	4-Nitrophenol	100	120	ug/L	120				20 (45)	160 (147)	
	Dibenzofuran	50	52.9	ug/L	106				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	54.7	ug/L	109				70 (60)	130 (115)	
	Diethylphthalate	50	54.1	ug/L	108				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	53.8	ug/L	108				70 (61)	130 (104)	
	Fluorene	50	54.0	ug/L	108				70 (64)	130 (107)	
	4-Nitroaniline	50	51.2	ug/L	102				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	54.1	ug/L	108				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	54.8	ug/L	110				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	55.7	ug/L	111				70 (73)	130 (103)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2553 **Analytical Method:** 8270E

Client: First Environment, Inc. **DataFile:** BM050434.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168816BS	Hexachlorobenzene	50	55.1	ug/L	110				70 (73)	130 (106)	
	Atrazine	50	57.7	ug/L	115				70 (76)	130 (120)	
	Pentachlorophenol	100	130	ug/L	130				20 (47)	160 (114)	
	Phenanthrene	50	54.1	ug/L	108				70 (62)	130 (109)	
	Anthracene	50	55.4	ug/L	111				70 (65)	130 (110)	
	Carbazole	50	56.4	ug/L	113				70 (62)	130 (106)	
	Di-n-butylphthalate	50	56.4	ug/L	113				70 (64)	130 (106)	
	Fluoranthene	50	57.3	ug/L	115				70 (64)	130 (110)	
	Pyrene	50	52.8	ug/L	106				70 (71)	130 (103)	
	Butylbenzylphthalate	50	60.7	ug/L	121				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	38.0	ug/L	76				70 (43)	130 (108)	
	Benzo(a)anthracene	50	55.9	ug/L	112				70 (62)	130 (107)	
	Chrysene	50	56.0	ug/L	112				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	59.0	ug/L	118				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	62.4	ug/L	125				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	57.1	ug/L	114				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	56.5	ug/L	113				70 (77)	130 (105)	
	Benzo(a)pyrene	50	58.3	ug/L	117				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	57.2	ug/L	114				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	57.2	ug/L	114				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	57.0	ug/L	114				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	55.5	ug/L	111				70 (72)	130 (101)	
	1,4-Dioxane	50	41.1	ug/L	82				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	57.3	ug/L	115				70 (63)	130 (116)	

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2553 **Analytical Method:** 8270E

Client: First Environment, Inc. **DataFile:** BM050435.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168816BSD	Benzaldehyde	50	48.2	ug/L	96	2			20 (10)	160 (162)	20 (20)
	Phenol	50	54.6	ug/L	109	1			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	51.9	ug/L	104	2			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	55.0	ug/L	110	2			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	54.3	ug/L	109	1			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	50.2	ug/L	100	1			70 (65)	130 (100)	20 (20)
	Acetophenone	50	52.3	ug/L	105	1			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	52.7	ug/L	105	0			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	52.2	ug/L	104	0			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	51.4	ug/L	103	2			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	52.9	ug/L	106	2			70 (58)	130 (106)	20 (20)
	Isophorone	50	51.9	ug/L	104	0			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	59.4	ug/L	119	3			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	53.3	ug/L	107	0			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	51.9	ug/L	104	1			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	54.5	ug/L	109	1			70 (66)	130 (115)	20 (20)
	Naphthalene	50	51.3	ug/L	103	1			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	20.3	ug/L	41	14	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	51.9	ug/L	104	2			70 (69)	130 (101)	20 (20)
	Caprolactam	50	52.1	ug/L	104	2			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	54.1	ug/L	108	1			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	52.6	ug/L	105	1			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	120	ug/L	120	0			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	56.9	ug/L	114	1			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	56.9	ug/L	114	0			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	53.5	ug/L	107	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	53.2	ug/L	106	0			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	57.8	ug/L	116	3			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	52.4	ug/L	105	3			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	53.7	ug/L	107	1			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	56.5	ug/L	113	3			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	32.9	ug/L	66	7	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	58.2	ug/L	116	2			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	110	ug/L	110	9			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	120	ug/L	120	0			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	52.1	ug/L	104	2			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	53.0	ug/L	106	3			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	52.5	ug/L	105	3			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	52.9	ug/L	106	2			70 (61)	130 (104)	20 (20)
	Fluorene	50	53.0	ug/L	106	2			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	49.7	ug/L	99	3			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	53.4	ug/L	107	1			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	54.5	ug/L	109	1			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	55.7	ug/L	111	0			70 (73)	130 (103)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2553 **Analytical Method:** 8270E

Client: First Environment, Inc. **DataFile:** BM050435.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168816BSD	Hexachlorobenzene	50	55.1	ug/L	110	0			70 (73)	130 (106)	20 (20)
	Atrazine	50	56.9	ug/L	114	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	120	ug/L	120	8			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	53.2	ug/L	106	2			70 (62)	130 (109)	20 (20)
	Anthracene	50	54.3	ug/L	109	2			70 (65)	130 (110)	20 (20)
	Carbazole	50	54.8	ug/L	110	3			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	54.9	ug/L	110	3			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	55.0	ug/L	110	4			70 (64)	130 (110)	20 (20)
	Pyrene	50	52.3	ug/L	105	1			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	59.9	ug/L	120	1			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	36.6	ug/L	73	4			70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	55.5	ug/L	111	1			70 (62)	130 (107)	20 (20)
	Chrysene	50	54.8	ug/L	110	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	57.7	ug/L	115	2			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	61.5	ug/L	123	1			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	56.2	ug/L	112	2			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	55.8	ug/L	112	1			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	57.8	ug/L	116	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	57.9	ug/L	116	1			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	57.7	ug/L	115	1			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	57.8	ug/L	116	1			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	56.7	ug/L	113	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	42.1	ug/L	84	2			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	56.4	ug/L	113	2			70 (63)	130 (116)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168816BL

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2553

Lab File ID: BM050426.D | Lab Sample ID: PB168816BL

Instrument ID: BNA_M | Date Extracted: 07/11/2025

Matrix: (soil/water) Water | Date Analyzed: 07/14/2025

Level: (low/med) LOW | Time Analyzed: 14:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168816BS	PB168816BS	BM050434.D	07/14/2025
PB168816BSD	PB168816BSD	BM050435.D	07/14/2025
FB	Q2553-05	BM050441.D	07/15/2025
AOC-201	Q2553-01	BP025124.D	07/14/2025
AOC-202	Q2553-02	BP025125.D	07/14/2025
AOC-203	Q2553-03	BP025126.D	07/14/2025
AOC-205	Q2553-04	BP025127.D	07/14/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: FIRS02

Lab Code: ACE | SDG NO.: Q2553

Lab File ID: BM050376.D | DFTPP Injection Date: 07/08/2025

Instrument ID: BNA_M | DFTPP Injection Time: 11:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	66.5
443	15.0 - 24.0% of mass 442	12.9 (19.4) 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	BM050377.D	07/08/2025	12:39
SSTDICC005	SSTDICC005	BM050378.D	07/08/2025	13:19
SSTDICC010	SSTDICC010	BM050379.D	07/08/2025	14:00
SSTDICC020	SSTDICC020	BM050380.D	07/08/2025	14:40
SSTDICCC040	SSTDICCC040	BM050381.D	07/08/2025	15:20
SSTDICC050	SSTDICC050	BM050382.D	07/08/2025	16:01
SSTDICC060	SSTDICC060	BM050383.D	07/08/2025	16:41
SSTDICC080	SSTDICC080	BM050384.D	07/08/2025	17:22

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2553

Lab File ID: BM050419.D DFTPP Injection Date: 07/14/2025

Instrument ID: BNA_M DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	27.1
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.2
442	Greater than 50% of mass 198	71.6
443	15.0 - 24.0% of mass 442	14.2 (19.8) 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	BM050420.D	07/14/2025	10:50
PB168816BL	PB168816BL	BM050426.D	07/14/2025	14:52

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2553

Lab File ID: BM050428.D DFTPP Injection Date: 07/14/2025

Instrument ID: BNA_M DFTPP Injection Time: 16:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	33.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	11.7
442	Greater than 50% of mass 198	73.6
443	15.0 - 24.0% of mass 442	14.1 (19.1) 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	BM050429.D	07/14/2025	16:53
PB168816BS	PB168816BS	BM050434.D	07/14/2025	20:14
PB168816BSD	PB168816BSD	BM050435.D	07/14/2025	20:55
FB	Q2553-05	BM050441.D	07/15/2025	00:53

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2553

Lab File ID: BP025070.D DFTPP Injection Date: 07/03/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	31.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	92.8
443	15.0 - 24.0% of mass 442	18 (19.4) 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	BP025071.D	07/03/2025	09:39
SSTDICC005	SSTDICC005	BP025072.D	07/03/2025	10:21
SSTDICC010	SSTDICC010	BP025073.D	07/03/2025	11:02
SSTDICC020	SSTDICC020	BP025074.D	07/03/2025	11:44
SSTDICCC040	SSTDICCC040	BP025075.D	07/03/2025	12:25
SSTDICC050	SSTDICC050	BP025076.D	07/03/2025	13:07
SSTDICC060	SSTDICC060	BP025077.D	07/03/2025	13:49
SSTDICC080	SSTDICC080	BP025078.D	07/03/2025	14:31

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG NO.: Q2553

Lab File ID: BP025120.D DFTPP Injection Date: 07/14/2025

Instrument ID: BNA_P DFTPP Injection Time: 14:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	91.9
443	15.0 - 24.0% of mass 442	17.8 (19.4) 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	BP025121.D	07/14/2025	15:36
AOC-201	Q2553-01	BP025124.D	07/14/2025	17:46
AOC-202	Q2553-02	BP025125.D	07/14/2025	18:27
AOC-203	Q2553-03	BP025126.D	07/14/2025	19:09
AOC-205	Q2553-04	BP025127.D	07/14/2025	19:51

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2553

Client ID : SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BM050420.D Time Analyzed: 10:50

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	419216	7.863	1606680	10.66	1065310	14.49
	UPPER LIMIT	838432	8.363	3213360	11.157	2130620	14.986
	LOWER LIMIT	209608	7.363	803340	10.157	532655	13.986
	EPA SAMPLE NO.						
01	PB168816BL	402471	7.86	1401210	10.66	832017	14.49

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2553

Client ID: SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BM050420.D Time Analyzed: 10:50

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2063490	17.221	2163430	21.445	2168000	24.474
	UPPER LIMIT	4126980	17.721	4326860	21.945	4336000	24.974
	LOWER LIMIT	1031750	16.721	1081720	20.945	1084000	23.974
	EPA SAMPLE NO.						
01	PB168816BL	1567370	17.22	1548390	21.44	1719710	24.47

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2553

Client ID : SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BM050429.D Time Analyzed: 16:53

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	427187	7.863	1630120	10.66	1036890	14.49
	UPPER LIMIT	854374	8.363	3260240	11.157	2073780	14.986
	LOWER LIMIT	213594	7.363	815060	10.157	518445	13.986
	EPA SAMPLE NO.						
01	FB	329239	7.86	1195520	10.66	770212	14.49
02	PB168816BS	363728	7.86	1355770	10.66	836315	14.49
03	PB168816BSD	370039	7.86	1375890	10.66	841303	14.49

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2553

Client ID: SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BM050429.D Time Analyzed: 16:53

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1998800	17.221	2212240	21.445	2243970	24.474
	UPPER LIMIT	3997600	17.721	4424480	21.945	4487940	24.974
	LOWER LIMIT	999400	16.721	1106120	20.945	1121990	23.974
	EPA SAMPLE NO.						
01	FB	1550870	17.22	1527960	21.43	1560810	24.46
02	PB168816BS	1570370	17.22	1747800	21.44	1758320	24.47
03	PB168816BSD	1550470	17.22	1658930	21.44	1714880	24.47

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2553

Client ID : SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BP025121.D Time Analyzed: 15:36

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	502754	7.437	2056760	10.19	1334830	14.08
	UPPER LIMIT	1005510	7.937	4113520	10.69	2669660	14.584
	LOWER LIMIT	251377	6.937	1028380	9.69	667415	13.584
	EPA SAMPLE NO.						
01	AOC-201	556276	7.43	2052330	10.18	1263040	14.08
02	AOC-202	459808	7.44	1740090	10.18	1019900	14.08
03	AOC-203	356736	7.44	1359330	10.18	848645	14.08
04	AOC-205	458642	7.44	1720260	10.18	992285	14.08

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2553

Client ID: SSTDCCC040 Date Analyzed: 07/14/2025

Lab File ID: BP025121.D Time Analyzed: 15:36

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2722800	16.907	2822670	21.342	3067860	24.465
	UPPER LIMIT	5445600	17.407	5645340	21.842	6135720	24.965
	LOWER LIMIT	1361400	16.407	1411340	20.842	1533930	23.965
	EPA SAMPLE NO.						
01	AOC-201	2404790	16.90	2404590	21.34	2753560	24.45
02	AOC-202	2000090	16.91	2268200	21.32	2585200	24.47
03	AOC-203	1826160	16.90	2432840	21.32	2988380	24.45
04	AOC-205	1992610	16.90	2236960	21.32	2607330	24.45

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:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BL	SDG No.:	Q2553
Lab Sample ID:	PB168816BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050426.D	1	07/11/25 08:32	07/14/25 14:52	PB168816

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BL	SDG No.:	Q2553
Lab Sample ID:	PB168816BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050426.D	1	07/11/25 08:32	07/14/25 14:52	PB168816

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BL	SDG No.:	Q2553
Lab Sample ID:	PB168816BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050426.D	1	07/11/25 08:32	07/14/25 14:52	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		15 (23) - 110 (138)	89%	SPK: 150
13127-88-3	Phenol-d6	130		15 (10) - 110 (134)	87%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.9		30 (67) - 130 (132)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.2		30 (52) - 130 (132)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		15 (44) - 110 (137)	87%	SPK: 150
1718-51-0	Terphenyl-d14	97.9		30 (42) - 130 (152)	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	402000	7.863			
1146-65-2	Naphthalene-d8	1400000	10.657			
15067-26-2	Acenaphthene-d10	832000	14.486			
1517-22-2	Phenanthrene-d10	1570000	17.221			
1719-03-5	Chrysene-d12	1550000	21.439			
1520-96-3	Perylene-d12	1720000	24.474			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.40	A		4.97	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BL	SDG No.:	Q2553
Lab Sample ID:	PB168816BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050426.D	1	07/11/25 08:32	07/14/25 14:52	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BS	SDG No.:	Q2553
Lab Sample ID:	PB168816BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050434.D	1	07/11/25 08:32	07/14/25 20:14	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	47.3		3.90	10.0	ug/L
108-95-2	Phenol	54.3		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.7		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	53.8		0.58	5.00	ug/L
95-48-7	2-Methylphenol	53.9		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.6		1.30	5.00	ug/L
98-86-2	Acetophenone	51.6		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	52.7		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	50.4		0.65	5.00	ug/L
98-95-3	Nitrobenzene	52.1		0.76	5.00	ug/L
78-59-1	Isophorone	51.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	57.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	53.4		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	51.5		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	54.8		0.52	5.00	ug/L
91-20-3	Naphthalene	50.8		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	23.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	50.9		0.54	5.00	ug/L
105-60-2	Caprolactam	53.3		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	54.9		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	52.2		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	57.2		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	57.1		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	53.3		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	53.0		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	59.7		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	53.8		0.61	5.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BS	SDG No.:	Q2553
Lab Sample ID:	PB168816BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050434.D	1	07/11/25 08:32	07/14/25 20:14	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	54.3		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	58.0		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	35.4		1.10	5.00	ug/L
83-32-9	Acenaphthene	59.1		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	120	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	52.9		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	54.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	54.1		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	53.8		0.68	5.00	ug/L
86-73-7	Fluorene	54.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	51.2		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54.1		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	54.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	55.7		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	55.1		0.52	5.00	ug/L
1912-24-9	Atrazine	57.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	130	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	54.1		0.50	5.00	ug/L
120-12-7	Anthracene	55.4		0.61	5.00	ug/L
86-74-8	Carbazole	56.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	56.4		1.20	5.00	ug/L
206-44-0	Fluoranthene	57.3		0.82	5.00	ug/L
129-00-0	Pyrene	52.8		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	60.7		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	38.0		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	55.9		0.45	5.00	ug/L
218-01-9	Chrysene	56.0		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	59.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	62.4		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	57.1		0.49	5.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BS	SDG No.:	Q2553
Lab Sample ID:	PB168816BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050434.D	1	07/11/25 08:32	07/14/25 20:14	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	56.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	58.3		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	57.2		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.2		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	57.0		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	55.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	41.1		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	57.3		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	149		15 (23) - 110 (138)	100%	SPK: 150
13127-88-3	Phenol-d6	149		15 (10) - 110 (134)	99%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.5		30 (67) - 130 (132)	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.5		30 (52) - 130 (132)	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	165		15 (44) - 110 (137)	110%	SPK: 150
1718-51-0	Terphenyl-d14	98.4		30 (42) - 130 (152)	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	364000	7.863			
1146-65-2	Naphthalene-d8	1360000	10.657			
15067-26-2	Acenaphthene-d10	836000	14.486			
1517-22-2	Phenanthrene-d10	1570000	17.221			
1719-03-5	Chrysene-d12	1750000	21.439			
1520-96-3	Perylene-d12	1760000	24.468			

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:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BSD	SDG No.:	Q2553
Lab Sample ID:	PB168816BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050435.D	1	07/11/25 08:32	07/14/25 20:55	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	48.2		3.90	10.0	ug/L
108-95-2	Phenol	54.6		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	51.9		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	55.0		0.58	5.00	ug/L
95-48-7	2-Methylphenol	54.3		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.2		1.30	5.00	ug/L
98-86-2	Acetophenone	52.3		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	52.7		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	51.4		0.65	5.00	ug/L
98-95-3	Nitrobenzene	52.9		0.76	5.00	ug/L
78-59-1	Isophorone	51.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	59.4		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	53.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	51.9		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	54.5		0.52	5.00	ug/L
91-20-3	Naphthalene	51.3		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	51.9		0.54	5.00	ug/L
105-60-2	Caprolactam	52.1		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	54.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	52.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	56.9		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	56.9		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	53.5		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	53.2		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	57.8		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	52.4		0.61	5.00	ug/L

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BSD	SDG No.:	Q2553
Lab Sample ID:	PB168816BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050435.D	1	07/11/25 08:32	07/14/25 20:55	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	53.7		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	56.5		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	32.9		1.10	5.00	ug/L
83-32-9	Acenaphthene	58.2		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	120	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	52.1		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	53.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	52.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	52.9		0.68	5.00	ug/L
86-73-7	Fluorene	53.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	49.7		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.4		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	54.5		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	55.7		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	55.1		0.52	5.00	ug/L
1912-24-9	Atrazine	56.9		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	120	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	53.2		0.50	5.00	ug/L
120-12-7	Anthracene	54.3		0.61	5.00	ug/L
86-74-8	Carbazole	54.8		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	54.9		1.20	5.00	ug/L
206-44-0	Fluoranthene	55.0		0.82	5.00	ug/L
129-00-0	Pyrene	52.3		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	59.9		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	36.6		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	55.5		0.45	5.00	ug/L
218-01-9	Chrysene	54.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	61.5		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	56.2		0.49	5.00	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	
Project:	White Plains Housing Authority - WPHA006	Date Received:	
Client Sample ID:	PB168816BSD	SDG No.:	Q2553
Lab Sample ID:	PB168816BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050435.D	1	07/11/25 08:32	07/14/25 20:55	PB168816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	55.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	57.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	57.9		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.7		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	57.8		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	56.7		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	42.1		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.4		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	152		15 (23) - 110 (138)	101%	SPK: 150
13127-88-3	Phenol-d6	150		15 (10) - 110 (134)	100%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.4		30 (67) - 130 (132)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.8		30 (52) - 130 (132)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	162		15 (44) - 110 (137)	108%	SPK: 150
1718-51-0	Terphenyl-d14	98.7		30 (42) - 130 (152)	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	370000	7.863			
1146-65-2	Naphthalene-d8	1380000	10.657			
15067-26-2	Acenaphthene-d10	841000	14.486			
1517-22-2	Phenanthrene-d10	1550000	17.215			
1719-03-5	Chrysene-d12	1660000	21.439			
1520-96-3	Perylene-d12	1710000	24.468			

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_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 08 18:32:25 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050377.D 5 =BM050378.D 10 =BM050379.D 20 =BM050380.D 40 =BM050381.D 50 =BM050382.D 60 =BM050383.D 80 =BM0503
84.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.504	0.466	0.482	0.460	0.501	0.474	0.457	0.478	3.99
3)		Pyridine		1.249	1.197	1.256	1.228	1.336	1.279	1.236	1.254	3.52
4)		n-Nitrosodimet...			0.562	0.595	0.572	0.620	0.595	0.565	0.585	3.88
5)	S	2-Fluorophenol		1.126	1.079	1.149	1.152	1.258	1.202	1.168	1.162	4.89
6)		Aniline		1.784	1.702	1.844	1.878	2.042	1.987	1.921	1.880	6.20
7)	S	Phenol-d6		1.367	1.327	1.441	1.466	1.607	1.547	1.498	1.465	6.67
8)		2-Chlorophenol		1.135	1.105	1.219	1.217	1.341	1.301	1.258	1.225	6.89
9)		Benzaldehyde			0.944	0.985	0.897	0.837	0.694		0.871	13.03
10)	C	Phenol		1.460	1.412	1.516	1.508	1.666	1.598	1.535	1.528	5.51
11)		bis(2-Chloroet...		1.202	1.134	1.223	1.196	1.324	1.268	1.218	1.223	4.88
12)		1,3-Dichlorobe...		1.504	1.425	1.496	1.448	1.580	1.511	1.465	1.490	3.40
13)	C	1,4-Dichlorobe...		1.553	1.459	1.536	1.465	1.610	1.538	1.487	1.521	3.57
14)		1,2-Dichlorobe...		1.481	1.395	1.454	1.410	1.541	1.485	1.428	1.456	3.48
15)		Benzyl Alcohol			0.907	0.995	1.022	1.125	1.090	1.052	1.032	7.45
16)		2,2'-oxybis(1-...		1.835	1.741	1.818	1.752	1.907	1.821	1.741	1.802	3.41
17)		2-Methylphenol		0.922	0.898	0.980	0.990	1.089	1.048	1.008	0.991	6.71
18)		Hexachloroethane		0.518	0.501	0.532	0.520	0.574	0.556	0.543	0.535	4.66
19)	P	n-Nitroso-di-n...	0.790	0.805	0.808	0.888	0.911	1.005	0.968	0.924	0.887	9.01
20)		3+4-Methylphenols			1.170	1.296	1.325	1.458	1.393	1.338	1.330	7.29
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.493	0.479	0.501	0.491	0.534	0.513	0.489	0.500	3.69
23)	S	Nitrobenzene-d5		0.362	0.355	0.390	0.392	0.429	0.415	0.400	0.392	6.77
24)		Nitrobenzene		0.333	0.329	0.353	0.345	0.377	0.362	0.349	0.350	4.73
25)		Isophorone		0.571	0.574	0.634	0.640	0.702	0.679	0.652	0.636	7.73
26)	C	2-Nitrophenol		0.107	0.112	0.132	0.147	0.167	0.167	0.167	0.143	18.26
27)		2,4-Dimethylph...		0.295	0.275	0.301	0.299	0.329	0.317	0.308	0.303	5.63
28)		bis(2-Chloroet...		0.407	0.395	0.422	0.417	0.454	0.436	0.420	0.422	4.61
29)	C	2,4-Dichloroph...		0.277	0.279	0.311	0.312	0.344	0.334	0.325	0.312	8.26
30)		1,2,4-Trichlor...		0.370	0.349	0.369	0.362	0.397	0.385	0.378	0.373	4.21
31)		Naphthalene		1.033	0.975	1.024	0.988	1.071	1.029	0.992	1.016	3.26
32)		Benzoic acid			0.100	0.139	0.164	0.195	0.194	0.199	0.165	23.89
33)		4-Chloroaniline		0.398	0.397	0.427	0.429	0.465	0.453	0.437	0.429	6.00
34)	C	Hexachlorobuta...		0.222	0.209	0.222	0.221	0.244	0.239	0.235	0.228	5.37
35)		Caprolactam			0.064	0.081	0.087	0.096	0.093	0.090	0.085	13.87
36)	C	4-Chloro-3-met...		0.258	0.256	0.288	0.295	0.326	0.313	0.302	0.291	9.10
37)		2-Methylnaphth...		0.611	0.595	0.638	0.635	0.693	0.671	0.647	0.641	5.19
38)		1-Methylnaphth...		0.651	0.629	0.674	0.673	0.736	0.707	0.681	0.679	5.17

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.590	0.569	0.611	0.622	0.700	0.683	0.677	0.636	7.93
41)	P	Hexachlorocycl...		0.320	0.361	0.396	0.450	0.454	0.459	0.407	14.08
42)	S	2,4,6-Tribromo...	0.182	0.195	0.230	0.248	0.285	0.280	0.280	0.243	17.40
43)	C	2,4,6-Trichlor...	0.330	0.335	0.377	0.394	0.443	0.434	0.427	0.391	11.81
44)		2,4,5-Trichlor...	0.359	0.376	0.415	0.430	0.484	0.470	0.460	0.428	11.13
45)	S	2-Fluorobiphenyl	1.572	1.538	1.611	1.592	1.753	1.697	1.575	1.620	4.74
46)		1,1'-Biphenyl	1.464	1.419	1.479	1.441	1.586	1.527	1.471	1.484	3.79
47)		2-Chloronaphth...	1.164	1.126	1.187	1.150	1.267	1.217	1.171	1.183	3.93
48)		2-Nitroaniline	0.197	0.211	0.253	0.278	0.312	0.302	0.295	0.264	17.17
49)		Acenaphthylene	1.645	1.658	1.795	1.775	1.956	1.875	1.811	1.788	6.21
50)		Dimethylphthalate	1.323	1.285	1.368	1.351	1.506	1.432	1.373	1.377	5.29
51)		2,6-Dinitrotol...	0.196	0.224	0.263	0.273	0.308	0.297	0.289	0.264	15.41
52)	C	Acenaphthene	1.086	1.050	1.126	1.111	1.231	1.196	1.158	1.137	5.51
53)		3-Nitroaniline	0.204	0.231	0.278	0.294	0.330	0.319	0.311	0.281	16.81
54)	P	2,4-Dinitrophenol		0.074	0.097	0.117	0.140	0.147	0.150	0.121	25.40
55)		Dibenzofuran	1.747	1.674	1.756	1.709	1.880	1.784	1.711	1.751	3.84
56)	P	4-Nitrophenol		0.182	0.225	0.245	0.276	0.265	0.258	0.242	14.15
57)		2,4-Dinitrotol...	0.234	0.277	0.340	0.371	0.422	0.407	0.401	0.350	20.31
58)		Fluorene	1.348	1.328	1.428	1.419	1.582	1.522	1.470	1.443	6.29
59)		2,3,4,6-Tetrac...	0.299	0.306	0.355	0.365	0.405	0.397	0.392	0.360	11.92
60)		Diethylphthalate	1.217	1.210	1.319	1.309	1.454	1.379	1.320	1.315	6.51
61)		4-Chlorophenyl...	0.687	0.673	0.733	0.747	0.839	0.811	0.790	0.754	8.28
62)		4-Nitroaniline	0.192	0.228	0.284	0.311	0.350	0.331	0.320	0.288	20.10
63)		Azobenzene	1.085	1.116	1.234	1.208	1.335	1.272	1.204	1.208	7.15
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.057	0.077	0.094	0.109	0.113	0.117	0.095	24.90
66)	c	n-Nitrosodiphe...	0.572	0.577	0.620	0.623	0.678	0.658	0.654	0.626	6.49
67)		4-Bromophenyl-...	0.196	0.194	0.211	0.218	0.242	0.240	0.241	0.220	9.61
68)		Hexachlorobenzene	0.239	0.233	0.253	0.256	0.283	0.279	0.278	0.260	7.78
69)		Atrazine	0.166	0.175	0.199	0.211	0.232	0.228	0.227	0.206	12.95
70)	C	Pentachlorophenol		0.122	0.145	0.161	0.181	0.180	0.183	0.162	15.23
71)		Phenanthrene	1.119	1.070	1.119	1.101	1.206	1.163	1.143	1.132	3.91
72)		Anthracene	1.028	1.017	1.109	1.117	1.233	1.204	1.179	1.127	7.44
73)		Carbazole	0.939	0.944	1.009	1.010	1.108	1.073	1.052	1.019	6.23
74)		Di-n-butylphth...	0.954	0.961	1.091	1.140	1.252	1.216	1.196	1.116	10.76
75)	C	Fluoranthene	1.088	1.079	1.182	1.233	1.366	1.339	1.327	1.230	9.67
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.370	0.521	0.553	0.601	0.552	0.464	0.510	16.08
78)		Pyrene	1.198	1.177	1.260	1.260	1.388	1.366	1.316	1.281	6.26
79)	S	Terphenyl-d14	1.095	1.110	1.225	1.258	1.298	1.094	0.878	1.137	12.43
80)		Butylbenzylpht...	0.317	0.334	0.401	0.441	0.492	0.491	0.479	0.422	17.39
81)		Benzo(a)anthra...	1.204	1.202	1.282	1.282	1.428	1.379	1.345	1.303	6.57
82)		3,3'-Dichlorob...		0.351	0.406	0.429	0.498	0.487	0.465	0.439	12.66
83)		Chrysene	1.162	1.153	1.200	1.209	1.327	1.303	1.249	1.229	5.45
84)		Bis(2-ethylhex...	0.499	0.546	0.658	0.705	0.780	0.763	0.742	0.670	16.33
85)	c	Di-n-octyl pht...		0.742	0.931	1.058	1.193	1.194	1.183	1.050	17.44

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.208	1.238	1.374	1.415	1.603	1.564	1.551	1.422	11.17
88)		Benzo(b)fluora...	1.090	1.075	1.177	1.230	1.368	1.344	1.327	1.230	9.83
89)		Benzo(k)fluora...	1.105	1.138	1.247	1.263	1.444	1.387	1.350	1.276	9.86
90)	C	Benzo(a)pyrene	0.962	0.985	1.099	1.156	1.314	1.281	1.264	1.152	12.41
91)		Dibenzo(a,h)an...	1.022	1.035	1.159	1.193	1.352	1.320	1.301	1.198	11.23
92)		Benzo(g,h,i)pe...	0.992	1.001	1.097	1.121	1.263	1.232	1.216	1.132	9.73

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025071.D 5 =BP025072.D 10 =BP025073.D 20 =BP025074.D 40 =BP025075.D 50 =BP025076.D 60 =BP025077.D 80 =BP0250
78.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.470	0.452	0.457	0.435	0.420	0.428	0.409	0.439	4.99
3)		Pyridine		1.176	1.153	1.243	1.228	1.171	1.239	1.203	1.202	3.00
4)		n-Nitrosodimet...			0.500	0.531	0.506	0.493	0.522	0.500	0.509	2.85
5)	S	2-Fluorophenol		1.070	1.098	1.179	1.134	1.127	1.168	1.127	1.129	3.33
6)		Aniline		1.334	1.324	1.430	1.388	1.371	1.428	1.359	1.376	3.05
7)	S	Phenol-d6		1.428	1.407	1.520	1.458	1.472	1.543	1.482	1.473	3.26
8)		2-Chlorophenol		1.254	1.207	1.320	1.256	1.250	1.294	1.259	1.263	2.83
9)		Benzaldehyde			0.903	0.894	0.724	0.684	0.641		0.769	15.84
10)	C	Phenol		1.473	1.461	1.551	1.472	1.485	1.540	1.493	1.497	2.36
11)		bis(2-Chloroet...		1.187	1.139	1.200	1.122	1.129	1.172	1.115	1.152	2.95
12)		1,3-Dichlorobe...		1.461	1.434	1.485	1.379	1.366	1.413	1.356	1.413	3.48
13)	C	1,4-Dichlorobe...		1.500	1.432	1.505	1.399	1.384	1.424	1.374	1.431	3.70
14)		1,2-Dichlorobe...		1.454	1.388	1.445	1.349	1.329	1.368	1.303	1.377	4.12
15)		Benzyl Alcohol			0.887	0.991	0.957	0.990	1.058	1.015	0.983	5.86
16)		2,2'-oxybis(1-...		1.587	1.520	1.570	1.433	1.462	1.497	1.415	1.498	4.40
17)		2-Methylphenol		0.887	0.908	1.007	0.969	0.974	1.021	0.983	0.964	5.11
18)		Hexachloroethane		0.476	0.441	0.480	0.460	0.463	0.481	0.462	0.466	3.04
19)	P	n-Nitroso-di-n...	0.815	0.862	0.854	0.938	0.865	0.871	0.912	0.872	0.874	4.26
20)		3+4-Methylphenols			1.246	1.383	1.334	1.341	1.428	1.370	1.350	4.55
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.480	0.481	0.502	0.465	0.456	0.480	0.447	0.473	3.88
23)	S	Nitrobenzene-d5		0.267	0.277	0.314	0.307	0.308	0.323	0.308	0.301	6.84
24)		Nitrobenzene		0.280	0.293	0.319	0.310	0.307	0.327	0.308	0.306	5.13
25)		Isophorone		0.525	0.534	0.587	0.558	0.571	0.597	0.561	0.562	4.67
26)	C	2-Nitrophenol		0.086	0.093	0.117	0.133	0.146	0.160	0.159	0.128	23.51
27)		2,4-Dimethylph...		0.199	0.195	0.218	0.208	0.213	0.224	0.210	0.210	4.79
28)		bis(2-Chloroet...		0.378	0.371	0.401	0.374	0.379	0.397	0.371	0.382	3.25
29)	C	2,4-Dichloroph...		0.242	0.263	0.298	0.299	0.304	0.321	0.306	0.291	9.48
30)		1,2,4-Trichlor...		0.319	0.319	0.331	0.319	0.316	0.335	0.314	0.322	2.53
31)		Naphthalene		1.057	1.030	1.081	1.011	1.005	1.049	0.975	1.030	3.47
32)		Benzoic acid			0.115	0.152	0.186	0.199	0.225	0.231	0.185	24.07
33)		4-Chloroaniline		0.358	0.370	0.399	0.390	0.381	0.411	0.381	0.384	4.58
34)	C	Hexachlorobuta...		0.187	0.180	0.188	0.182	0.184	0.191	0.180	0.185	2.31
35)		Caprolactam			0.087	0.101	0.101	0.098	0.108	0.102	0.099	7.23
36)	C	4-Chloro-3-met...		0.259	0.279	0.321	0.309	0.309	0.332	0.316	0.304	8.35
37)		2-Methylnaphth...		0.724	0.711	0.766	0.718	0.715	0.747	0.706	0.727	2.99
38)		1-Methylnaphth...		0.707	0.704	0.753	0.692	0.691	0.736	0.678	0.709	3.74

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.554	0.549	0.584	0.580	0.578	0.610	0.568	0.575	3.56
41)	P	Hexachlorocycl...		0.120	0.135	0.149	0.162	0.171	0.164	0.150	13.13
42)	S	2,4,6-Tribromo...	0.194	0.214	0.240	0.246	0.244	0.266	0.249	0.236	10.22
43)	C	2,4,6-Trichlor...	0.271	0.295	0.355	0.370	0.368	0.399	0.379	0.348	13.51
44)		2,4,5-Trichlor...	0.326	0.349	0.406	0.411	0.412	0.441	0.416	0.394	10.41
45)	S	2-Fluorobiphenyl	1.338	1.310	1.361	1.279	1.260	1.311	1.177	1.291	4.70
46)		1,1'-Biphenyl	1.482	1.436	1.510	1.454	1.435	1.490	1.380	1.455	2.99
47)		2-Chloronaphth...	1.097	1.089	1.141	1.091	1.069	1.121	1.048	1.094	2.83
48)		2-Nitroaniline	0.157	0.185	0.235	0.259	0.259	0.289	0.273	0.237	20.49
49)		Acenaphthylene	1.582	1.622	1.771	1.701	1.660	1.761	1.620	1.674	4.36
50)		Dimethylphthalate	1.364	1.376	1.469	1.408	1.365	1.482	1.337	1.400	3.99
51)		2,6-Dinitrotol...	0.199	0.238	0.281	0.295	0.291	0.313	0.294	0.273	14.58
52)	C	Acenaphthene	1.085	1.074	1.142	1.066	1.047	1.111	1.027	1.079	3.59
53)		3-Nitroaniline	0.204	0.248	0.297	0.321	0.310	0.345	0.323	0.293	16.81
54)	P	2,4-Dinitrophenol		0.077	0.098	0.117	0.120	0.137	0.137	0.114	20.49
55)		Dibenzofuran	1.829	1.814	1.866	1.768	1.720	1.813	1.655	1.781	4.07
56)	P	4-Nitrophenol		0.212	0.260	0.285	0.274	0.301	0.289	0.270	11.73
57)		2,4-Dinitrotol...	0.231	0.285	0.364	0.392	0.387	0.430	0.406	0.356	20.13
58)		Fluorene	1.382	1.384	1.467	1.393	1.335	1.403	1.278	1.377	4.27
59)		2,3,4,6-Tetrac...	0.305	0.318	0.370	0.370	0.363	0.397	0.377	0.357	9.32
60)		Diethylphthalate	1.368	1.376	1.468	1.429	1.366	1.477	1.358	1.406	3.64
61)		4-Chlorophenyl...	0.711	0.687	0.710	0.679	0.659	0.700	0.626	0.682	4.47
62)		4-Nitroaniline	0.221	0.267	0.321	0.342	0.319	0.354	0.324	0.307	15.26
63)		Azobenzene	1.251	1.275	1.328	1.265	1.211	1.265	1.171	1.252	3.98
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.069	0.081	0.089	0.097	0.098	0.082	21.25
66)	c	n-Nitrosodiphe...	0.557	0.548	0.597	0.573	0.574	0.592	0.565	0.572	3.11
67)		4-Bromophenyl-...	0.191	0.190	0.213	0.205	0.208	0.214	0.213	0.205	5.14
68)		Hexachlorobenzene	0.255	0.240	0.255	0.247	0.248	0.257	0.249	0.250	2.28
69)		Atrazine	0.155	0.167	0.183	0.172	0.171	0.172	0.154	0.168	6.10
70)	C	Pentachlorophenol		0.131	0.163	0.172	0.178	0.186	0.184	0.169	12.03
71)		Phenanthrene	1.102	1.084	1.104	1.068	1.030	1.082	1.011	1.069	3.34
72)		Anthracene	0.998	0.996	1.092	1.036	1.021	1.062	0.971	1.025	4.10
73)		Carbazole	0.954	0.994	1.057	1.029	0.990	1.017	0.976	1.002	3.45
74)		Di-n-butylphth...	0.929	0.994	1.147	1.187	1.177	1.228	1.152	1.116	9.89
75)	C	Fluoranthene	1.170	1.222	1.330	1.290	1.249	1.268	1.215	1.249	4.22
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.177	0.354	0.571	0.420	0.288	0.310	0.353	37.82
78)		Pyrene	1.177	1.184	1.288	1.231	1.251	1.302	1.238	1.239	3.81
79)	S	Terphenyl-d14	0.943	0.919	0.978	0.914	0.915	0.936	0.764	0.910	7.50
80)		Butylbenzylpht...	0.228	0.276	0.377	0.440	0.471	0.519	0.499	0.402	28.01
81)		Benzo(a)anthra...	1.146	1.175	1.293	1.217	1.207	1.258	1.189	1.212	4.11
82)		3,3'-Dichlorob...		0.249	0.340	0.390	0.399	0.414	0.397	0.365	16.97
83)		Chrysene	1.169	1.147	1.223	1.159	1.157	1.191	1.118	1.166	2.88
84)		Bis(2-ethylhex...	0.460	0.520	0.646	0.703	0.737	0.764	0.720	0.650	17.89
85)	c	Di-n-octyl pht...		0.609	0.876	1.094	1.206	1.292	1.248	1.054	25.04

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.003	1.101	1.318	1.331	1.366	1.433	1.366	1.274	12.44
88)		Benzo(b)fluora...	1.029	1.063	1.215	1.201	1.188	1.266	1.187	1.164	7.36
89)		Benzo(k)fluora...	1.070	1.129	1.249	1.153	1.157	1.218	1.133	1.158	5.11
90)	C	Benzo(a)pyrene	0.817	0.868	1.035	1.033	1.035	1.108	1.040	0.991	10.70
91)		Dibenzo(a,h)an...	0.840	0.921	1.098	1.097	1.126	1.172	1.118	1.053	11.66
92)		Benzo(g,h,i)pe...	0.915	0.967	1.126	1.127	1.142	1.197	1.142	1.088	9.58

(#) = Out of Range

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.070	1.098	1.179	1.134	1.127	1.129	3.3
Benzaldehyde			0.903	0.894	0.724	0.684	0.769	15.8
Phenol-d6		1.428	1.407	1.520	1.458	1.472	1.473	3.3
Phenol		1.473	1.461	1.551	1.472	1.485	1.497	2.4
bis(2-Chloroethyl)ether		1.187	1.139	1.200	1.122	1.129	1.152	2.9
2-Chlorophenol		1.254	1.207	1.320	1.256	1.250	1.263	2.8
2-Methylphenol		0.887	0.908	1.007	0.969	0.974	0.964	5.1
2,2-oxybis(1-Chloropropane)		1.587	1.520	1.570	1.433	1.462	1.498	4.4
Acetophenone		0.480	0.481	0.502	0.465	0.456	0.473	3.9
3+4-Methylphenols			1.246	1.383	1.334	1.341	1.350	4.5
n-Nitroso-di-n-propylamine	0.815	0.862	0.854	0.938	0.865	0.871	0.874	4.3
Nitrobenzene-d5		0.267	0.277	0.314	0.307	0.308	0.301	6.8
Hexachloroethane		0.476	0.441	0.480	0.460	0.463	0.466	3.0
Nitrobenzene		0.280	0.293	0.319	0.310	0.307	0.306	5.1
Isophorone		0.525	0.534	0.587	0.558	0.571	0.562	4.7
2-Nitrophenol		0.086	0.093	0.117	0.133	0.146	0.128	23.5
2,4-Dimethylphenol		0.199	0.195	0.218	0.208	0.213	0.210	4.8
bis(2-Chloroethoxy)methane		0.378	0.371	0.401	0.374	0.379	0.382	3.2
2,4-Dichlorophenol		0.242	0.263	0.298	0.299	0.304	0.291	9.5
Naphthalene		1.057	1.030	1.081	1.011	1.005	1.030	3.5
4-Chloroaniline		0.358	0.370	0.399	0.390	0.381	0.384	4.6
Hexachlorobutadiene		0.187	0.180	0.188	0.182	0.184	0.185	2.3
Caprolactam			0.087	0.101	0.101	0.098	0.099	7.2
4-Chloro-3-methylphenol		0.259	0.279	0.321	0.309	0.309	0.304	8.3
2-Methylnaphthalene		0.724	0.711	0.766	0.718	0.715	0.727	3.0
Hexachlorocyclopentadiene			0.120	0.135	0.149	0.162	0.150	13.1
2,4,6-Trichlorophenol		0.271	0.295	0.355	0.370	0.368	0.348	13.5
2-Fluorobiphenyl		1.338	1.310	1.361	1.279	1.260	1.291	4.7
2,4,5-Trichlorophenol		0.326	0.349	0.406	0.411	0.412	0.394	10.4
1,1-Biphenyl		1.482	1.436	1.510	1.454	1.435	1.455	3.0
2-Chloronaphthalene		1.097	1.089	1.141	1.091	1.069	1.094	2.8
2-Nitroaniline		0.157	0.185	0.235	0.259	0.259	0.237	20.5
Dimethylphthalate		1.364	1.376	1.469	1.408	1.365	1.400	4.0
Acenaphthylene		1.582	1.622	1.771	1.701	1.660	1.674	4.4

All other compounds must meet a minimum RRF of 0.010.

Alliance TECHNICAL GROUP
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.199	0.238	0.281	0.295	0.291	0.273	14.6
3-Nitroaniline		0.204	0.248	0.297	0.321	0.310	0.293	16.8
Acenaphthene		1.085	1.074	1.142	1.066	1.047	1.079	3.6
2,4-Dinitrophenol			0.077	0.098	0.117	0.120	0.114	20.5
4-Nitrophenol			0.212	0.260	0.285	0.274	0.270	11.7
Dibenzofuran		1.829	1.814	1.866	1.768	1.720	1.781	4.1
2,4-Dinitrotoluene		0.231	0.285	0.364	0.392	0.387	0.356	20.1
Diethylphthalate		1.368	1.376	1.468	1.429	1.366	1.406	3.6
4-Chlorophenyl-phenylether		0.711	0.687	0.710	0.679	0.659	0.682	4.5
Fluorene		1.382	1.384	1.467	1.393	1.335	1.377	4.3
4-Nitroaniline		0.221	0.267	0.321	0.342	0.319	0.307	15.3
4,6-Dinitro-2-methylphenol			0.054	0.069	0.081	0.089	0.082	21.3
n-Nitrosodiphenylamine		0.557	0.548	0.597	0.573	0.574	0.572	3.1
2,4,6-Tribromophenol		0.194	0.214	0.240	0.246	0.244	0.236	10.2
4-Bromophenyl-phenylether		0.191	0.190	0.213	0.205	0.208	0.205	5.1
Hexachlorobenzene		0.255	0.240	0.255	0.247	0.248	0.250	2.3
Atrazine		0.155	0.167	0.183	0.172	0.171	0.168	6.1
Pentachlorophenol			0.131	0.163	0.172	0.178	0.169	12.0
Phenanthrene		1.102	1.084	1.104	1.068	1.030	1.069	3.3
Anthracene		0.998	0.996	1.092	1.036	1.021	1.025	4.1
Carbazole		0.954	0.994	1.057	1.029	0.990	1.002	3.5
Di-n-butylphthalate		0.929	0.994	1.147	1.187	1.177	1.116	9.9
Fluoranthene		1.170	1.222	1.330	1.290	1.249	1.249	4.2
Pyrene		1.177	1.184	1.288	1.231	1.251	1.239	3.8
Terphenyl-d14		0.943	0.919	0.978	0.914	0.915	0.910	7.5
Butylbenzylphthalate		0.228	0.276	0.377	0.440	0.471	0.402	28.0
3,3-Dichlorobenzidine			0.249	0.340	0.390	0.399	0.365	17.0
Benzo(a)anthracene		1.146	1.175	1.293	1.217	1.207	1.212	4.1
Chrysene		1.169	1.147	1.223	1.159	1.157	1.166	2.9
Bis(2-ethylhexyl)phthalate		0.460	0.520	0.646	0.703	0.737	0.650	17.9
Di-n-octyl phthalate			0.609	0.876	1.094	1.206	1.054	25.0
Benzo(b)fluoranthene		1.029	1.063	1.215	1.201	1.188	1.164	7.4
Benzo(k)fluoranthene		1.070	1.129	1.249	1.153	1.157	1.158	5.1
Benzo(a)pyrene		0.817	0.868	1.035	1.033	1.035	0.991	10.7
Indeno(1,2,3-cd)pyrene		1.003	1.101	1.318	1.331	1.366	1.274	12.4

All other compounds must meet a minimum RRF of 0.010.

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.840	0.921	1.098	1.097	1.126	1.053	11.7
Benzo(g,h,i)perylene		0.915	0.967	1.126	1.127	1.142	1.088	9.6
1,2,4,5-Tetrachlorobenzene		0.554	0.549	0.584	0.580	0.578	0.575	3.6
1,4-Dioxane		0.470	0.452	0.457	0.435	0.420	0.439	5.0
2,3,4,6-Tetrachlorophenol		0.305	0.318	0.370	0.370	0.363	0.357	9.3

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_M Calibration Date/Time: 07/14/2025 10:50

Lab File ID: BM050420.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.162	1.133		-2.5	
Benzaldehyde	0.871	0.938		7.7	
Phenol-d6	1.465	1.474		0.6	
Phenol	1.528	1.507		-1.4	20.0
bis(2-Chloroethyl)ether	1.223	1.191		-2.6	
2-Chlorophenol	1.225	1.232		0.6	
2-Methylphenol	0.991	0.991		0.0	
2,2-oxybis(1-Chloropropane)	1.802	1.705		-5.4	
Acetophenone	0.500	0.489		-2.2	
3+4-Methylphenols	1.330	1.340		0.8	
n-Nitroso-di-n-propylamine	0.887	0.929	0.050	4.7	
Nitrobenzene-d5	0.392	0.394		0.5	
Hexachloroethane	0.535	0.514		-3.9	
Nitrobenzene	0.350	0.346		-1.1	
Isophorone	0.636	0.654		2.8	
2-Nitrophenol	0.143	0.160		11.9	20.0
2,4-Dimethylphenol	0.303	0.303		0.0	
bis(2-Chloroethoxy)methane	0.422	0.414		-1.9	
2,4-Dichlorophenol	0.312	0.319		2.2	20.0
Naphthalene	1.016	0.984		-3.2	
4-Chloroaniline	0.429	0.437		1.9	
Hexachlorobutadiene	0.228	0.219		-3.9	20.0
Caprolactam	0.085	0.095		11.8	
4-Chloro-3-methylphenol	0.291	0.306		5.2	20.0
2-Methylnaphthalene	0.641	0.641		0.0	
Hexachlorocyclopentadiene	0.407	0.385	0.050	-5.4	
2,4,6-Trichlorophenol	0.391	0.400		2.3	20.0
2-Fluorobiphenyl	1.620	1.546		-4.6	
2,4,5-Trichlorophenol	0.428	0.436		1.9	
1,1-Biphenyl	1.484	1.416		-4.6	
2-Chloronaphthalene	1.183	1.128		-4.6	
2-Nitroaniline	0.264	0.286		8.3	
Dimethylphthalate	1.377	1.364		-0.9	
Acenaphthylene	1.788	1.762		-1.5	
2,6-Dinitrotoluene	0.264	0.285		8.0	
3-Nitroaniline	0.281	0.305		8.5	
Acenaphthene	1.137	1.112		-2.2	20.0
2,4-Dinitrophenol	0.121	0.141	0.050	16.5	
4-Nitrophenol	0.242	0.255	0.050	5.4	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_M Calibration Date/Time: 07/14/2025 10:50

Lab File ID: BM050420.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.751	1.695		-3.2	
2,4-Dinitrotoluene	0.350	0.390		11.4	
Diethylphthalate	1.315	1.310		-0.4	
4-Chlorophenyl-phenylether	0.754	0.737		-2.3	
Fluorene	1.443	1.411		-2.2	
4-Nitroaniline	0.288	0.317		10.1	
4,6-Dinitro-2-methylphenol	0.095	0.107		12.6	
n-Nitrosodiphenylamine	0.626	0.612		-2.2	20.0
2,4,6-Tribromophenol	0.243	0.261		7.4	
4-Bromophenyl-phenylether	0.220	0.218		-0.9	
Hexachlorobenzene	0.260	0.256		-1.5	
Atrazine	0.206	0.211		2.4	
Pentachlorophenol	0.162	0.166		2.5	20.0
Phenanthrene	1.132	1.094		-3.4	
Anthracene	1.127	1.116		-1.0	
Carbazole	1.019	1.020		0.1	
Di-n-butylphthalate	1.116	1.136		1.8	
Fluoranthene	1.230	1.238		0.6	20.0
Pyrene	1.281	1.254		-2.1	
Terphenyl-d14	1.137	1.202		5.7	
Butylbenzylphthalate	0.422	0.467		10.7	
3,3-Dichlorobenzidine	0.439	0.447		1.8	
Benzo(a)anthracene	1.303	1.287		-1.2	
Chrysene	1.229	1.207		-1.8	
Bis(2-ethylhexyl)phthalate	0.670	0.726		8.4	
Di-n-octyl phthalate	1.050	1.156		10.1	20.0
Benzo(b)fluoranthene	1.230	1.223		-0.6	
Benzo(k)fluoranthene	1.276	1.240		-2.8	
Benzo(a)pyrene	1.152	1.156		0.3	20.0
Indeno(1,2,3-cd)pyrene	1.422	1.435		0.9	
Dibenzo(a,h)anthracene	1.198	1.200		0.2	
Benzo(g,h,i)perylene	1.132	1.132		0.0	
1,2,4,5-Tetrachlorobenzene	0.636	0.608		-4.4	
1,4-Dioxane	0.478	0.451		-5.6	20.0
2,3,4,6-Tetrachlorophenol	0.360	0.372		3.3	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_M Calibration Date/Time: 07/14/2025 16:53

Lab File ID: BM050429.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.162	1.168		0.5	
Benzaldehyde	0.871	0.978		12.3	
Phenol-d6	1.465	1.509		3.0	
Phenol	1.528	1.550		1.4	20.0
bis(2-Chloroethyl)ether	1.223	1.201		-1.8	
2-Chlorophenol	1.225	1.227		0.2	
2-Methylphenol	0.991	0.997		0.6	
2,2-oxybis(1-Chloropropane)	1.802	1.758		-2.4	
Acetophenone	0.500	0.498		-0.4	
3+4-Methylphenols	1.330	1.325		-0.4	
n-Nitroso-di-n-propylamine	0.887	0.921	0.050	3.8	
Nitrobenzene-d5	0.392	0.399		1.8	
Hexachloroethane	0.535	0.528		-1.3	
Nitrobenzene	0.350	0.351		0.3	
Isophorone	0.636	0.632		-0.6	
2-Nitrophenol	0.143	0.152		6.3	20.0
2,4-Dimethylphenol	0.303	0.299		-1.3	
bis(2-Chloroethoxy)methane	0.422	0.410		-2.8	
2,4-Dichlorophenol	0.312	0.313		0.3	20.0
Naphthalene	1.016	0.985		-3.1	
4-Chloroaniline	0.429	0.431		0.5	
Hexachlorobutadiene	0.228	0.214		-6.1	20.0
Caprolactam	0.085	0.086		1.2	
4-Chloro-3-methylphenol	0.291	0.297		2.1	20.0
2-Methylnaphthalene	0.641	0.632		-1.4	
Hexachlorocyclopentadiene	0.407	0.389	0.050	-4.4	
2,4,6-Trichlorophenol	0.391	0.395		1.0	20.0
2-Fluorobiphenyl	1.620	1.578		-2.6	
2,4,5-Trichlorophenol	0.428	0.430		0.5	
1,1-Biphenyl	1.484	1.450		-2.3	
2-Chloronaphthalene	1.183	1.165		-1.5	
2-Nitroaniline	0.264	0.284		7.6	
Dimethylphthalate	1.377	1.351		-1.9	
Acenaphthylene	1.788	1.795		0.4	
2,6-Dinitrotoluene	0.264	0.279		5.7	
3-Nitroaniline	0.281	0.301		7.1	
Acenaphthene	1.137	1.130		-0.6	20.0
2,4-Dinitrophenol	0.121	0.129	0.050	6.6	
4-Nitrophenol	0.242	0.252	0.050	4.1	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_M Calibration Date/Time: 07/14/2025 16:53

Lab File ID: BM050429.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.751	1.713		-2.2	
2,4-Dinitrotoluene	0.350	0.382		9.1	
Diethylphthalate	1.315	1.308		-0.5	
4-Chlorophenyl-phenylether	0.754	0.739		-2.0	
Fluorene	1.443	1.436		-0.5	
4-Nitroaniline	0.288	0.322		11.8	
4,6-Dinitro-2-methylphenol	0.095	0.101		6.3	
n-Nitrosodiphenylamine	0.626	0.615		-1.8	20.0
2,4,6-Tribromophenol	0.243	0.255		4.9	
4-Bromophenyl-phenylether	0.220	0.215		-2.3	
Hexachlorobenzene	0.260	0.251		-3.5	
Atrazine	0.206	0.210		1.9	
Pentachlorophenol	0.162	0.165		1.9	20.0
Phenanthrene	1.132	1.100		-2.8	
Anthracene	1.127	1.122		-0.4	
Carbazole	1.019	1.039		2.0	
Di-n-butylphthalate	1.116	1.151		3.1	
Fluoranthene	1.230	1.253		1.9	20.0
Pyrene	1.281	1.213		-5.3	
Terphenyl-d14	1.137	1.182		4.0	
Butylbenzylphthalate	0.422	0.453		7.3	
3,3-Dichlorobenzidine	0.439	0.426		-3.0	
Benzo(a)anthracene	1.303	1.300		-0.2	
Chrysene	1.229	1.213		-1.3	
Bis(2-ethylhexyl)phthalate	0.670	0.731		9.1	
Di-n-octyl phthalate	1.050	1.148		9.3	20.0
Benzo(b)fluoranthene	1.230	1.225		-0.4	
Benzo(k)fluoranthene	1.276	1.236		-3.1	
Benzo(a)pyrene	1.152	1.164		1.0	20.0
Indeno(1,2,3-cd)pyrene	1.422	1.455		2.3	
Dibenzo(a,h)anthracene	1.198	1.223		2.1	
Benzo(g,h,i)perylene	1.132	1.152		1.8	
1,2,4,5-Tetrachlorobenzene	0.636	0.609		-4.2	
1,4-Dioxane	0.478	0.462		-3.3	20.0
2,3,4,6-Tetrachlorophenol	0.360	0.367		1.9	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_P Calibration Date/Time: 07/14/2025 15:36

Lab File ID: BP025121.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.129	1.125		-0.4	
Benzaldehyde	0.769	0.755		-1.8	
Phenol-d6	1.473	1.478		0.3	
Phenol	1.497	1.478		-1.3	20.0
bis(2-Chloroethyl)ether	1.152	1.122		-2.6	
2-Chlorophenol	1.263	1.279		1.3	
2-Methylphenol	0.964	0.983		2.0	
2,2-oxybis(1-Chloropropane)	1.498	1.393		-7.0	
Acetophenone	0.473	0.457		-3.4	
3+4-Methylphenols	1.350	1.378		2.1	
n-Nitroso-di-n-propylamine	0.874	0.865	0.050	-1.0	
Nitrobenzene-d5	0.301	0.310		3.0	
Hexachloroethane	0.466	0.484		3.9	
Nitrobenzene	0.306	0.313		2.3	
Isophorone	0.562	0.563		0.2	
2-Nitrophenol	0.128	0.162		26.6	20.0
2,4-Dimethylphenol	0.210	0.210		0.0	
bis(2-Chloroethoxy)methane	0.382	0.377		-1.3	
2,4-Dichlorophenol	0.291	0.304		4.5	20.0
Naphthalene	1.030	1.009		-2.0	
4-Chloroaniline	0.384	0.382		-0.5	
Hexachlorobutadiene	0.185	0.191		3.2	20.0
Caprolactam	0.099	0.099		0.0	
4-Chloro-3-methylphenol	0.304	0.316		3.9	20.0
2-Methylnaphthalene	0.727	0.721		-0.8	
Hexachlorocyclopentadiene	0.150	0.177	0.050	18.0	
2,4,6-Trichlorophenol	0.348	0.382		9.8	20.0
2-Fluorobiphenyl	1.291	1.270		-1.6	
2,4,5-Trichlorophenol	0.394	0.423		7.4	
1,1-Biphenyl	1.455	1.436		-1.3	
2-Chloronaphthalene	1.094	1.091		-0.3	
2-Nitroaniline	0.237	0.274		15.6	
Dimethylphthalate	1.400	1.391		-0.6	
Acenaphthylene	1.674	1.692		1.1	
2,6-Dinitrotoluene	0.273	0.302		10.6	
3-Nitroaniline	0.293	0.327		11.6	
Acenaphthene	1.079	1.059		-1.9	20.0
2,4-Dinitrophenol	0.114	0.138	0.050	21.1	
4-Nitrophenol	0.270	0.286	0.050	5.9	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: FIRS02

Lab Code: ACE SDG No.: Q2553

Instrument ID: BNA_P Calibration Date/Time: 07/14/2025 15:36

Lab File ID: BP025121.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.754		-1.5	
2,4-Dinitrotoluene	0.356	0.417		17.1	
Diethylphthalate	1.406	1.429		1.6	
4-Chlorophenyl-phenylether	0.682	0.682		0.0	
Fluorene	1.377	1.369		-0.6	
4-Nitroaniline	0.307	0.337		9.8	
4,6-Dinitro-2-methylphenol	0.082	0.098		19.5	
n-Nitrosodiphenylamine	0.572	0.575		0.5	20.0
2,4,6-Tribromophenol	0.236	0.267		13.1	
4-Bromophenyl-phenylether	0.205	0.215		4.9	
Hexachlorobenzene	0.250	0.254		1.6	
Atrazine	0.168	0.150		-10.7	
Pentachlorophenol	0.169	0.187		10.7	20.0
Phenanthrene	1.069	1.053		-1.5	
Anthracene	1.025	1.012		-1.3	
Carbazole	1.002	0.986		-1.6	
Di-n-butylphthalate	1.116	1.218		9.1	
Fluoranthene	1.249	1.251		0.2	20.0
Pyrene	1.239	1.251		1.0	
Terphenyl-d14	0.910	0.915		0.5	
Butylbenzylphthalate	0.402	0.518		28.9	
3,3-Dichlorobenzidine	0.365	0.418		14.5	
Benzo(a)anthracene	1.212	1.203		-0.7	
Chrysene	1.166	1.150		-1.4	
Bis(2-ethylhexyl)phthalate	0.650	0.766		17.8	
Di-n-octyl phthalate	1.054	1.279		21.3	20.0
Benzo(b)fluoranthene	1.164	1.179		1.3	
Benzo(k)fluoranthene	1.158	1.129		-2.5	
Benzo(a)pyrene	0.991	1.024		3.3	20.0
Indeno(1,2,3-cd)pyrene	1.274	1.315		3.2	
Dibenzo(a,h)anthracene	1.053	1.085		3.0	
Benzo(g,h,i)perylene	1.088	1.106		1.7	
1,2,4,5-Tetrachlorobenzene	0.575	0.590		2.6	
1,4-Dioxane	0.439	0.407		-7.3	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.390		9.2	

All other compounds must meet a minimum RRF of 0.010.