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

LAB CHRONICLE

OrderID:	Q3434	**OrderDate:**	10/22/2025 1:40:00 PM
Client:	AECOM	**Project:**	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Contact:	Rob Forstner	**Location:**	D41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3434-01	**PR132-WC1-20251022**	**SOIL**			**10/22/25**			**10/22/25**
			SVOC-TCL BNA -20	8270E		10/23/25	10/28/25	
Q3434-02	**PR132-WC2-20251022**	**Water**			**10/22/25**			**10/22/25**
			SVOC-TCL BNA -20	8270E		10/28/25	10/29/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3434

Client: AECOM

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**PR132-WC1-20251022**								
Q3434-01	PR132-WC1-20251022	SOIL	Pyrene		120.000	J	62.2	290	ug/Kg
			Total Svoc :		**120.00**				
Q3434-01	PR132-WC1-20251022	SOIL	Benzophenone	*	330.000	J	0	0	ug/Kg
			Total Tics :		**330.00**				
			Total Concentration:		**450.00**				
Client ID :	**PR132-WC2-20251022**								
Q3434-02	PR132-WC2-20251022	WATER	1-Hexacosene	*	3.800	J	0	0	ug/L
Q3434-02	PR132-WC2-20251022	WATER	Benzophenone	*	4.100	J	0	0	ug/L
Q3434-02	PR132-WC2-20251022	WATER	Ethanol, 2-(2-butoxyethoxy)-	*	13.100	J	0	0	ug/L
Q3434-02	PR132-WC2-20251022	WATER	n-Hexadecanoic acid	*	6.600	J	0	0	ug/L
			Total Tics :		**27.60**				
			Total Concentration:		**27.60**				

SAMPLE DATA

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Report of Analysis

Client:	AECOM	Date Collected:	10/22/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/22/25
Client Sample ID:	PR132-WC1-20251022	SDG No.:	Q3434
Lab Sample ID:	Q3434-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	57.9
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	570	U	1	270	570	ug/Kg	10/28/25 17:44	PB170215
108-95-2	Phenol	290	U	1	38.2	290	ug/Kg	10/28/25 17:44	PB170215
111-44-4	bis(2-Chloroethyl)ether	290	U	1	42.0	290	ug/Kg	10/28/25 17:44	PB170215
95-57-8	2-Chlorophenol	290	U	1	42.1	290	ug/Kg	10/28/25 17:44	PB170215
95-48-7	2-Methylphenol	290	U	1	51.6	290	ug/Kg	10/28/25 17:44	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	1	64.7	290	ug/Kg	10/28/25 17:44	PB170215
98-86-2	Acetophenone	290	U	1	50.9	290	ug/Kg	10/28/25 17:44	PB170215
65794-96-9	3+4-Methylphenols	570	U	1	71.0	570	ug/Kg	10/28/25 17:44	PB170215
621-64-7	n-Nitroso-di-n-propylamine	140	U	1	81.8	140	ug/Kg	10/28/25 17:44	PB170215
67-72-1	Hexachloroethane	290	U	1	30.4	290	ug/Kg	10/28/25 17:44	PB170215
98-95-3	Nitrobenzene	290	U	1	31.6	290	ug/Kg	10/28/25 17:44	PB170215
78-59-1	Isophorone	290	U	1	56.6	290	ug/Kg	10/28/25 17:44	PB170215
88-75-5	2-Nitrophenol	290	U	1	100	290	ug/Kg	10/28/25 17:44	PB170215
105-67-9	2,4-Dimethylphenol	290	U	1	110	290	ug/Kg	10/28/25 17:44	PB170215
111-91-1	bis(2-Chloroethoxy)methane	290	U	1	53.2	290	ug/Kg	10/28/25 17:44	PB170215
120-83-2	2,4-Dichlorophenol	290	U	1	48.9	290	ug/Kg	10/28/25 17:44	PB170215
91-20-3	Naphthalene	290	U	1	39.2	290	ug/Kg	10/28/25 17:44	PB170215
106-47-8	4-Chloroaniline	290	U	1	61.1	290	ug/Kg	10/28/25 17:44	PB170215
87-68-3	Hexachlorobutadiene	290	U	1	43.7	290	ug/Kg	10/28/25 17:44	PB170215
105-60-2	Caprolactam	570	U	1	90.0	570	ug/Kg	10/28/25 17:44	PB170215
59-50-7	4-Chloro-3-methylphenol	290	U	1	49.6	290	ug/Kg	10/28/25 17:44	PB170215
91-57-6	2-Methylnaphthalene	290	U	1	44.2	290	ug/Kg	10/28/25 17:44	PB170215
77-47-4	Hexachlorocyclopentadiene	570	U	1	200	570	ug/Kg	10/28/25 17:44	PB170215
88-06-2	2,4,6-Trichlorophenol	290	U	1	34.2	290	ug/Kg	10/28/25 17:44	PB170215
95-95-4	2,4,5-Trichlorophenol	290	U	1	50.2	290	ug/Kg	10/28/25 17:44	PB170215
92-52-4	1,1-Biphenyl	290	U	1	37.6	290	ug/Kg	10/28/25 17:44	PB170215
91-58-7	2-Chloronaphthalene	290	U	1	38.8	290	ug/Kg	10/28/25 17:44	PB170215
88-74-4	2-Nitroaniline	290	U	1	83.0	290	ug/Kg	10/28/25 17:44	PB170215
131-11-3	Dimethylphthalate	290	U	1	46.8	290	ug/Kg	10/28/25 17:44	PB170215
208-96-8	Acenaphthylene	290	U	1	49.9	290	ug/Kg	10/28/25 17:44	PB170215
606-20-2	2,6-Dinitrotoluene	290	U	1	58.0	290	ug/Kg	10/28/25 17:44	PB170215
99-09-2	3-Nitroaniline	290	U	1	79.4	290	ug/Kg	10/28/25 17:44	PB170215
83-32-9	Acenaphthene	290	U	1	36.8	290	ug/Kg	10/28/25 17:44	PB170215
51-28-5	2,4-Dinitrophenol	570	U	1	400	570	ug/Kg	10/28/25 17:44	PB170215
100-02-7	4-Nitrophenol	570	U	1	180	570	ug/Kg	10/28/25 17:44	PB170215
132-64-9	Dibenzofuran	290	U	1	39.2	290	ug/Kg	10/28/25 17:44	PB170215
121-14-2	2,4-Dinitrotoluene	290	U	1	86.5	290	ug/Kg	10/28/25 17:44	PB170215
84-66-2	Diethylphthalate	290	U	1	48.9	290	ug/Kg	10/28/25 17:44	PB170215
7005-72-3	4-Chlorophenyl-phenylether	290	U	1	46.1	290	ug/Kg	10/28/25 17:44	PB170215
86-73-7	Fluorene	290	U	1	43.7	290	ug/Kg	10/28/25 17:44	PB170215
100-01-6	4-Nitroaniline	290	U	1	110	290	ug/Kg	10/28/25 17:44	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	570	U	1	180	570	ug/Kg	10/28/25 17:44	PB170215

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Report of Analysis

Client:	AECOM	Date Collected:	10/22/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/22/25
Client Sample ID:	PR132-WC1-20251022	SDG No.:	Q3434
Lab Sample ID:	Q3434-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	57.9
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	290	U	1	56.8	290	ug/Kg	10/28/25 17:44	PB170215
101-55-3	4-Bromophenyl-phenylether	290	U	1	48.0	290	ug/Kg	10/28/25 17:44	PB170215
118-74-1	Hexachlorobenzene	290	U	1	43.7	290	ug/Kg	10/28/25 17:44	PB170215
1912-24-9	Atrazine	290	U	1	58.7	290	ug/Kg	10/28/25 17:44	PB170215
87-86-5	Pentachlorophenol	570	U	1	88.6	570	ug/Kg	10/28/25 17:44	PB170215
85-01-8	Phenanthrene	290	U	1	36.1	290	ug/Kg	10/28/25 17:44	PB170215
120-12-7	Anthracene	290	U	1	57.5	290	ug/Kg	10/28/25 17:44	PB170215
86-74-8	Carbazole	290	U	1	53.9	290	ug/Kg	10/28/25 17:44	PB170215
84-74-2	Di-n-butylphthalate	290	U	1	82.7	290	ug/Kg	10/28/25 17:44	PB170215
206-44-0	Fluoranthene	290	U	1	51.8	290	ug/Kg	10/28/25 17:44	PB170215
129-00-0	Pyrene	120	J	1	62.2	290	ug/Kg	10/28/25 17:44	PB170215
85-68-7	Butylbenzylphthalate	290	U	1	120	290	ug/Kg	10/28/25 17:44	PB170215
91-94-1	3,3-Dichlorobenzidine	570	U	1	63.4	570	ug/Kg	10/28/25 17:44	PB170215
56-55-3	Benzo(a)anthracene	290	U	1	39.7	290	ug/Kg	10/28/25 17:44	PB170215
218-01-9	Chrysene	290	U	1	34.4	290	ug/Kg	10/28/25 17:44	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	1	100	290	ug/Kg	10/28/25 17:44	PB170215
117-84-0	Di-n-octyl phthalate	570	U	1	150	570	ug/Kg	10/28/25 17:44	PB170215
205-99-2	Benzo(b)fluoranthene	290	U	1	32.8	290	ug/Kg	10/28/25 17:44	PB170215
207-08-9	Benzo(k)fluoranthene	290	U	1	38.7	290	ug/Kg	10/28/25 17:44	PB170215
50-32-8	Benzo(a)pyrene	290	U	1	50.9	290	ug/Kg	10/28/25 17:44	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	290	U	1	50.2	290	ug/Kg	10/28/25 17:44	PB170215
53-70-3	Dibenzo(a,h)anthracene	290	U	1	47.3	290	ug/Kg	10/28/25 17:44	PB170215
191-24-2	Benzo(g,h,i)perylene	290	U	1	44.4	290	ug/Kg	10/28/25 17:44	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	1	44.2	290	ug/Kg	10/28/25 17:44	PB170215
123-91-1	1,4-Dioxane	290	U	1	78.0	290	ug/Kg	10/28/25 17:44	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	290	U	1	47.3	290	ug/Kg	10/28/25 17:44	PB170215
SURROGATES									
367-12-4	2-Fluorophenol	94.7			18 - 112	63%	SPK: 150		
13127-88-3	Phenol-d6	99.7			15 - 107	66%	SPK: 150		
4165-60-0	Nitrobenzene-d5	66.2			18 - 107	66%	SPK: 100		
321-60-8	2-Fluorobiphenyl	61.3			20 - 109	61%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	102			10 - 116	68%	SPK: 150		
1718-51-0	Terphenyl-d14	76.5			10 - 105	76%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	65500							
1146-65-2	Naphthalene-d8	248000							
15067-26-2	Acenaphthene-d10	146000							
1517-22-2	Phenanthrene-d10	243000							
1719-03-5	Chrysene-d12	127000							
1520-96-3	Perylene-d12	180000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	330	J			10.6	ug/Kg		

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Report of Analysis

Client:	AECOM	Date Collected:	10/22/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/22/25
Client Sample ID:	PR132-WC1-20251022	SDG No.:	Q3434
Lab Sample ID:	Q3434-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	57.9
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

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Report of Analysis

Client:	AECOM	Date Collected:	10/22/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/22/25
Client Sample ID:	PR132-WC2-20251022	SDG No.:	Q3434
Lab Sample ID:	Q3434-02	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	880 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	11.4	U	1	4.40	11.4	ug/L	10/29/25 17:02	PB170286
108-95-2	Phenol	5.70	U	1	1.00	5.70	ug/L	10/29/25 17:02	PB170286
111-44-4	bis(2-Chloroethyl)ether	5.70	U	1	0.92	5.70	ug/L	10/29/25 17:02	PB170286
95-57-8	2-Chlorophenol	5.70	U	1	0.66	5.70	ug/L	10/29/25 17:02	PB170286
95-48-7	2-Methylphenol	5.70	U	1	1.30	5.70	ug/L	10/29/25 17:02	PB170286
108-60-1	2,2-oxybis(1-Chloropropane)	5.70	U	1	1.50	5.70	ug/L	10/29/25 17:02	PB170286
98-86-2	Acetophenone	5.70	U	1	0.84	5.70	ug/L	10/29/25 17:02	PB170286
65794-96-9	3+4-Methylphenols	11.4	U	1	1.30	11.4	ug/L	10/29/25 17:02	PB170286
621-64-7	n-Nitroso-di-n-propylamine	2.80	U	1	1.60	2.80	ug/L	10/29/25 17:02	PB170286
67-72-1	Hexachloroethane	5.70	U	1	0.74	5.70	ug/L	10/29/25 17:02	PB170286
98-95-3	Nitrobenzene	5.70	U	1	0.86	5.70	ug/L	10/29/25 17:02	PB170286
78-59-1	Isophorone	5.70	U	1	0.85	5.70	ug/L	10/29/25 17:02	PB170286
88-75-5	2-Nitrophenol	5.70	U	1	2.00	5.70	ug/L	10/29/25 17:02	PB170286
105-67-9	2,4-Dimethylphenol	5.70	U	1	2.10	5.70	ug/L	10/29/25 17:02	PB170286
111-91-1	bis(2-Chloroethoxy)methane	5.70	U	1	0.77	5.70	ug/L	10/29/25 17:02	PB170286
120-83-2	2,4-Dichlorophenol	5.70	U	1	0.59	5.70	ug/L	10/29/25 17:02	PB170286
91-20-3	Naphthalene	5.70	U	1	0.57	5.70	ug/L	10/29/25 17:02	PB170286
106-47-8	4-Chloroaniline	5.70	U	1	0.95	5.70	ug/L	10/29/25 17:02	PB170286
87-68-3	Hexachlorobutadiene	5.70	U	1	0.61	5.70	ug/L	10/29/25 17:02	PB170286
105-60-2	Caprolactam	11.4	U	1	1.30	11.4	ug/L	10/29/25 17:02	PB170286
59-50-7	4-Chloro-3-methylphenol	5.70	U	1	0.67	5.70	ug/L	10/29/25 17:02	PB170286
91-57-6	2-Methylnaphthalene	5.70	U	1	0.64	5.70	ug/L	10/29/25 17:02	PB170286
77-47-4	Hexachlorocyclopentadiene	11.4	U	1	4.10	11.4	ug/L	10/29/25 17:02	PB170286
88-06-2	2,4,6-Trichlorophenol	5.70	U	1	0.58	5.70	ug/L	10/29/25 17:02	PB170286
95-95-4	2,4,5-Trichlorophenol	5.70	U	1	0.70	5.70	ug/L	10/29/25 17:02	PB170286
92-52-4	1,1-Biphenyl	5.70	U	1	0.60	5.70	ug/L	10/29/25 17:02	PB170286
91-58-7	2-Chloronaphthalene	5.70	U	1	0.69	5.70	ug/L	10/29/25 17:02	PB170286
88-74-4	2-Nitroaniline	5.70	U	1	1.40	5.70	ug/L	10/29/25 17:02	PB170286
131-11-3	Dimethylphthalate	5.70	U	1	0.69	5.70	ug/L	10/29/25 17:02	PB170286
208-96-8	Acenaphthylene	5.70	U	1	0.85	5.70	ug/L	10/29/25 17:02	PB170286
606-20-2	2,6-Dinitrotoluene	5.70	U	1	1.00	5.70	ug/L	10/29/25 17:02	PB170286
99-09-2	3-Nitroaniline	5.70	U	1	1.20	5.70	ug/L	10/29/25 17:02	PB170286
83-32-9	Acenaphthene	5.70	U	1	0.63	5.70	ug/L	10/29/25 17:02	PB170286
51-28-5	2,4-Dinitrophenol	11.4	U	1	6.80	11.4	ug/L	10/29/25 17:02	PB170286
100-02-7	4-Nitrophenol	11.4	U	1	2.70	11.4	ug/L	10/29/25 17:02	PB170286
132-64-9	Dibenzofuran	5.70	U	1	0.69	5.70	ug/L	10/29/25 17:02	PB170286
121-14-2	2,4-Dinitrotoluene	5.70	U	1	1.40	5.70	ug/L	10/29/25 17:02	PB170286
84-66-2	Diethylphthalate	5.70	U	1	0.78	5.70	ug/L	10/29/25 17:02	PB170286
7005-72-3	4-Chlorophenyl-phenylether	5.70	U	1	0.77	5.70	ug/L	10/29/25 17:02	PB170286
86-73-7	Fluorene	5.70	U	1	0.72	5.70	ug/L	10/29/25 17:02	PB170286
100-01-6	4-Nitroaniline	5.70	U	1	1.70	5.70	ug/L	10/29/25 17:02	PB170286
534-52-1	4,6-Dinitro-2-methylphenol	11.4	U	1	3.30	11.4	ug/L	10/29/25 17:02	PB170286

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Report of Analysis

Client:	AECOM	Date Collected:	10/22/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/22/25
Client Sample ID:	PR132-WC2-20251022	SDG No.:	Q3434
Lab Sample ID:	Q3434-02	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	880 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	5.70	U	1	0.66	5.70	ug/L	10/29/25 17:02	PB170286
101-55-3	4-Bromophenyl-phenylether	5.70	U	1	0.45	5.70	ug/L	10/29/25 17:02	PB170286
118-74-1	Hexachlorobenzene	5.70	U	1	0.59	5.70	ug/L	10/29/25 17:02	PB170286
1912-24-9	Atrazine	5.70	U	1	1.10	5.70	ug/L	10/29/25 17:02	PB170286
87-86-5	Pentachlorophenol	11.4	U	1	1.80	11.4	ug/L	10/29/25 17:02	PB170286
85-01-8	Phenanthrene	5.70	U	1	0.57	5.70	ug/L	10/29/25 17:02	PB170286
120-12-7	Anthracene	5.70	U	1	0.69	5.70	ug/L	10/29/25 17:02	PB170286
86-74-8	Carbazole	5.70	U	1	0.82	5.70	ug/L	10/29/25 17:02	PB170286
84-74-2	Di-n-butylphthalate	5.70	U	1	1.40	5.70	ug/L	10/29/25 17:02	PB170286
206-44-0	Fluoranthene	5.70	U	1	0.93	5.70	ug/L	10/29/25 17:02	PB170286
129-00-0	Pyrene	5.70	U	1	0.57	5.70	ug/L	10/29/25 17:02	PB170286
85-68-7	Butylbenzylphthalate	5.70	U	1	2.20	5.70	ug/L	10/29/25 17:02	PB170286
91-94-1	3,3-Dichlorobenzidine	11.4	U	1	1.10	11.4	ug/L	10/29/25 17:02	PB170286
56-55-3	Benzo(a)anthracene	5.70	U	1	0.51	5.70	ug/L	10/29/25 17:02	PB170286
218-01-9	Chrysene	5.70	U	1	0.50	5.70	ug/L	10/29/25 17:02	PB170286
117-81-7	Bis(2-ethylhexyl)phthalate	5.70	U	1	1.80	5.70	ug/L	10/29/25 17:02	PB170286
117-84-0	Di-n-octyl phthalate	11.4	U	1	2.70	11.4	ug/L	10/29/25 17:02	PB170286
205-99-2	Benzo(b)fluoranthene	5.70	U	1	0.56	5.70	ug/L	10/29/25 17:02	PB170286
207-08-9	Benzo(k)fluoranthene	5.70	U	1	0.55	5.70	ug/L	10/29/25 17:02	PB170286
50-32-8	Benzo(a)pyrene	5.70	U	1	0.63	5.70	ug/L	10/29/25 17:02	PB170286
193-39-5	Indeno(1,2,3-cd)pyrene	5.70	U	1	0.67	5.70	ug/L	10/29/25 17:02	PB170286
53-70-3	Dibenzo(a,h)anthracene	5.70	U	1	0.76	5.70	ug/L	10/29/25 17:02	PB170286
191-24-2	Benzo(g,h,i)perylene	5.70	U	1	0.78	5.70	ug/L	10/29/25 17:02	PB170286
95-94-3	1,2,4,5-Tetrachlorobenzene	5.70	U	1	0.59	5.70	ug/L	10/29/25 17:02	PB170286
123-91-1	1,4-Dioxane	5.70	U	1	1.10	5.70	ug/L	10/29/25 17:02	PB170286
58-90-2	2,3,4,6-Tetrachlorophenol	5.70	U	1	0.82	5.70	ug/L	10/29/25 17:02	PB170286
SURROGATES									
367-12-4	2-Fluorophenol	83.2			23 - 138	55%	SPK: 150		
13127-88-3	Phenol-d6	62.0			10 - 134	41%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.1			67 - 132	92%	SPK: 100		
321-60-8	2-Fluorobiphenyl	86.9			52 - 132	87%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	138			44 - 137	92%	SPK: 150		
1718-51-0	Terphenyl-d14	82.9			42 - 152	83%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	59100							
1146-65-2	Naphthalene-d8	222000							
15067-26-2	Acenaphthene-d10	127000							
1517-22-2	Phenanthrene-d10	212000							
1719-03-5	Chrysene-d12	165000							
1520-96-3	Perylene-d12	206000							
TENTATIVE IDENTIFIED COMPOUNDS									
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	13.1	J			8.06	ug/L		
000119-61-9	Benzophenone	4.10	J			10.6	ug/L		

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Report of Analysis

Client:	AECOM	Date Collected:	10/22/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/22/25
Client Sample ID:	PR132-WC2-20251022	SDG No.:	Q3434
Lab Sample ID:	Q3434-02	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	880 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-10-3	n-Hexadecanoic acid	6.60	J			11.9	ug/L		
018835-33-1	1-Hexacosene	3.80	J			13.9	ug/L		

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

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3434

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170215BL	PB170215BL	2-Fluorophenol	150	139	92		18	112
		Phenol-d6	150	139	92		15	107
		Nitrobenzene-d5	100	110	110	*	18	107
		2-Fluorobiphenyl	100	96.8	97		20	109
		2,4,6-Tribromophenol	150	161	108		10	116
		Terphenyl-d14	100	90.8	91		10	105
PB170215BS	PB170215BS	2-Fluorophenol	150	125	83		18	112
		Phenol-d6	150	125	83		15	107
		Nitrobenzene-d5	100	95.4	95		18	107
		2-Fluorobiphenyl	100	79.6	80		20	109
		2,4,6-Tribromophenol	150	144	96		10	116
		Terphenyl-d14	100	83.3	83		10	105
Q3419-02MS	PR-132-S16-015094-20251021MS	2-Fluorophenol	150	95.5	64		18	112
		Phenol-d6	150	99.7	66		15	107
		Nitrobenzene-d5	100	76.9	77		18	107
		2-Fluorobiphenyl	100	60.3	60		20	109
		2,4,6-Tribromophenol	150	123	82		10	116
		Terphenyl-d14	100	60.4	60		10	105
Q3419-03MSD	PR-132-S16-015094-20251021MSD	2-Fluorophenol	150	92.9	62		18	112
		Phenol-d6	150	92.6	62		15	107
		Nitrobenzene-d5	100	74.9	75		18	107
		2-Fluorobiphenyl	100	58.4	58		20	109
		2,4,6-Tribromophenol	150	118	79		10	116
		Terphenyl-d14	100	57.1	57		10	105
Q3434-01	PR132-WC1-20251022	2-Fluorophenol	150	94.7	63		18	112
		Phenol-d6	150	99.7	66		15	107
		Nitrobenzene-d5	100	66.2	66		18	107
		2-Fluorobiphenyl	100	61.3	61		20	109
		2,4,6-Tribromophenol	150	102	68		10	116
		Terphenyl-d14	100	76.5	76		10	105

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Surrogate Summary

SW-846

SDG No.: Q3434

Client: AECOM

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170286BL	PB170286BL	2-Fluorophenol	150	133	88		23	138
		Phenol-d6	150	126	84		10	134
		Nitrobenzene-d5	100	102	102		67	132
		2-Fluorobiphenyl	100	87.4	87		52	132
		2,4,6-Tribromophenol	150	148	99		44	137
		Terphenyl-d14	100	79.4	79		42	152
PB170286BS	PB170286BS	2-Fluorophenol	150	121	81		23	138
		Phenol-d6	150	116	78		10	134
		Nitrobenzene-d5	100	93.9	94		67	132
		2-Fluorobiphenyl	100	79.9	80		52	132
		2,4,6-Tribromophenol	150	144	96		44	137
		Terphenyl-d14	100	79.5	79		42	152
PB170286BSD	PB170286BSD	2-Fluorophenol	150	122	82		23	138
		Phenol-d6	150	122	81		10	134
		Nitrobenzene-d5	100	97.0	97		67	132
		2-Fluorobiphenyl	100	79.8	80		52	132
		2,4,6-Tribromophenol	150	143	95		44	137
		Terphenyl-d14	100	80.6	81		42	152
Q3434-02	PR132-WC2-20251022	2-Fluorophenol	150	83.2	55		23	138
		Phenol-d6	150	62.0	41		10	134
		Nitrobenzene-d5	100	92.1	92		67	132
		2-Fluorobiphenyl	100	86.9	87		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	82.9	83		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3434 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BG064627.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3419-02MS		**Client Sample ID: PR-132-S16-015094-20251021MS**									
Benzaldehyde	3100	0	2100	ug/Kg	68				10	171	
Phenol	3100	0	3000	ug/Kg	97				51	122	
bis(2-Chloroethyl)ether	3100	0	2800	ug/Kg	90				54	125	
2-Chlorophenol	3100	0	3200	ug/Kg	103				51	121	
2-Methylphenol	3100	0	3100	ug/Kg	100				47	125	
2,2-oxybis(1-Chloropropane)	3100	0	2800	ug/Kg	90				46	119	
Acetophenone	3100	0	3300	ug/Kg	106				55	128	
3+4-Methylphenols	3100	0	3000	ug/Kg	97				49	125	
N-Nitroso-di-n-propylamine	3100	0	3000	ug/Kg	97				59	119	
Hexachloroethane	3100	0	3200	ug/Kg	103				51	116	
Nitrobenzene	3100	0	3400	ug/Kg	110				47	124	
Isophorone	3100	0	3000	ug/Kg	97				49	127	
2-Nitrophenol	3100	0	3800	ug/Kg	123				43	131	
2,4-Dimethylphenol	3100	0	3500	ug/Kg	113				63	151	
bis(2-Chloroethoxy)methane	3100	0	2900	ug/Kg	94				51	119	
2,4-Dichlorophenol	3100	0	3500	ug/Kg	113				50	122	
Naphthalene	3100	0	3000	ug/Kg	97				51	121	
4-Chloroaniline	3100	0	1300	ug/Kg	42				10	100	
Hexachlorobutadiene	3100	0	3200	ug/Kg	103				44	126	
Caprolactam	3100	0	3100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	3100	0	3200	ug/Kg	103				57	132	
2-Methylnaphthalene	3100	0	2800	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	6100	0	9500	ug/Kg	156				10	175	
2,4,6-Trichlorophenol	3100	0	3600	ug/Kg	116				33	141	
2,4,5-Trichlorophenol	3100	0	3400	ug/Kg	110				38	135	
1,1-Biphenyl	3100	0	3400	ug/Kg	110				55	131	
2-Chloronaphthalene	3100	0	3100	ug/Kg	100				48	124	
2-Nitroaniline	3100	0	3400	ug/Kg	110				47	134	
Dimethylphthalate	3100	0	3100	ug/Kg	100				54	120	
Acenaphthylene	3100	0	3500	ug/Kg	113				57	125	
2,6-Dinitrotoluene	3100	0	3700	ug/Kg	119				48	127	
3-Nitroaniline	3100	0	2500	ug/Kg	81				10	112	
Acenaphthene	3100	0	3500	ug/Kg	113				70	121	
2,4-Dinitrophenol	6100	0	8100	ug/Kg	133				10	155	
4-Nitrophenol	6100	0	7500	ug/Kg	123				10	175	
Dibenzofuran	3100	0	3100	ug/Kg	100				52	114	
2,4-Dinitrotoluene	3100	0	3600	ug/Kg	116				41	140	
Diethylphthalate	3100	0	3100	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	3100	0	3100	ug/Kg	100				48	122	
Fluorene	3100	0	3100	ug/Kg	100				53	118	
4-Nitroaniline	3100	0	3600	ug/Kg	116				29	140	
4,6-Dinitro-2-methylphenol	3100	0	4000	ug/Kg	129				10	160	
N-Nitrosodiphenylamine	3100	0	3100	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	3100	0	3200	ug/Kg	103				65	121	
Hexachlorobenzene	3100	0	3200	ug/Kg	103				67	118	
Atrazine	3100	0	3400	ug/Kg	110				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3434 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BG064627.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	6100	0	7000	ug/Kg	115				13	153	
Phenanthrene	3100	0	3100	ug/Kg	100				52	128	
Anthracene	3100	0	3100	ug/Kg	100				62	124	
Carbazole	3100	0	3100	ug/Kg	100				59	119	
Di-n-butylphthalate	3100	0	3200	ug/Kg	103				55	125	
Fluoranthene	3100	0	3100	ug/Kg	100				44	125	
Pyrene	3100	0	2900	ug/Kg	94				37	122	
Butylbenzylphthalate	3100	0	3500	ug/Kg	113				44	135	
3,3-Dichlorobenzidine	3100	0	1700	ug/Kg	55				15	112	
Benzo(a)anthracene	3100	0	3100	ug/Kg	100				53	119	
Chrysene	3100	0	3100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	3100	0	3400	ug/Kg	110				42	169	
Di-n-octyl phthalate	3100	0	3500	ug/Kg	113				51	156	
Benzo(b)fluoranthene	3100	0	3100	ug/Kg	100				52	117	
Benzo(k)fluoranthene	3100	0	3200	ug/Kg	103				57	134	
Benzo(a)pyrene	3100	0	3200	ug/Kg	103				70	142	
Indeno(1,2,3-cd)pyrene	3100	0	3100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	3100	0	3200	ug/Kg	103				43	123	
Benzo(g,h,i)perylene	3100	0	3200	ug/Kg	103				24	125	
1,2,4,5-Tetrachlorobenzene	3100	0	3500	ug/Kg	113				52	134	
1,4-Dioxane	3100	0	2500	ug/Kg	81				46	112	
2,3,4,6-Tetrachlorophenol	3100	0	3800	ug/Kg	123				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3434 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BG064628.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3419-03MSD		**Client Sample ID: PR-132-S16-015094-20251021MSD**									
Benzaldehyde	3100	0	2100	ug/Kg	68		0		10	171	20
Phenol	3100	0	2900	ug/Kg	94		3		51	122	20
bis(2-Chloroethyl)ether	3100	0	2600	ug/Kg	84		7		54	125	20
2-Chlorophenol	3100	0	3000	ug/Kg	97		6		51	121	20
2-Methylphenol	3100	0	2900	ug/Kg	94		6		47	125	20
2,2-oxybis(1-Chloropropane)	3100	0	2700	ug/Kg	87		3		46	119	20
Acetophenone	3100	0	3100	ug/Kg	100		6		55	128	20
3+4-Methylphenols	3100	0	2900	ug/Kg	94		3		49	125	20
N-Nitroso-di-n-propylamine	3100	0	2700	ug/Kg	87		11		59	119	20
Hexachloroethane	3100	0	3000	ug/Kg	97		6		51	116	20
Nitrobenzene	3100	0	3300	ug/Kg	106		4		47	124	20
Isophorone	3100	0	2800	ug/Kg	90		7		49	127	20
2-Nitrophenol	3100	0	3800	ug/Kg	123		0		43	131	20
2,4-Dimethylphenol	3100	0	3400	ug/Kg	110		3		63	151	20
bis(2-Chloroethoxy)methane	3100	0	2800	ug/Kg	90		4		51	119	20
2,4-Dichlorophenol	3100	0	3300	ug/Kg	106		6		50	122	20
Naphthalene	3100	0	2900	ug/Kg	94		3		51	121	20
4-Chloroaniline	3100	0	1200	ug/Kg	39		7		10	100	20
Hexachlorobutadiene	3100	0	3100	ug/Kg	100		3		44	126	20
Caprolactam	3100	0	2800	ug/Kg	90		11		51	134	20
4-Chloro-3-methylphenol	3100	0	3100	ug/Kg	100		3		57	132	20
2-Methylnaphthalene	3100	0	2700	ug/Kg	87		3		59	123	20
Hexachlorocyclopentadiene	6100	0	8900	ug/Kg	146		7		10	175	20
2,4,6-Trichlorophenol	3100	0	3500	ug/Kg	113		3		33	141	20
2,4,5-Trichlorophenol	3100	0	3400	ug/Kg	110		0		38	135	20
1,1-Biphenyl	3100	0	3300	ug/Kg	106		4		55	131	20
2-Chloronaphthalene	3100	0	3000	ug/Kg	97		3		48	124	20
2-Nitroaniline	3100	0	3300	ug/Kg	106		4		47	134	20
Dimethylphthalate	3100	0	2900	ug/Kg	94		6		54	120	20
Acenaphthylene	3100	0	3300	ug/Kg	106		6		57	125	20
2,6-Dinitrotoluene	3100	0	3600	ug/Kg	116		3		48	127	20
3-Nitroaniline	3100	0	2400	ug/Kg	77		5		10	112	20
Acenaphthene	3100	0	3400	ug/Kg	110		3		70	121	20
2,4-Dinitrophenol	6100	0	7800	ug/Kg	128		4		10	155	20
4-Nitrophenol	6100	0	6900	ug/Kg	113		8		10	175	20
Dibenzofuran	3100	0	2900	ug/Kg	94		6		52	114	20
2,4-Dinitrotoluene	3100	0	3300	ug/Kg	106		9		41	140	20
Diethylphthalate	3100	0	2900	ug/Kg	94		6		51	119	20
4-Chlorophenyl-phenylether	3100	0	3000	ug/Kg	97		3		48	122	20
Fluorene	3100	0	3000	ug/Kg	97		3		53	118	20
4-Nitroaniline	3100	0	3500	ug/Kg	113		3		29	140	20
4,6-Dinitro-2-methylphenol	3100	0	3900	ug/Kg	126		2		10	160	20
N-Nitrosodiphenylamine	3100	0	3100	ug/Kg	100		0		73	118	20
4-Bromophenyl-phenylether	3100	0	3000	ug/Kg	97		6		65	121	20
Hexachlorobenzene	3100	0	3100	ug/Kg	100		3		67	118	20
Atrazine	3100	0	3300	ug/Kg	106		4		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3434 **Analytical Method:** SW8270E

Client: AECOM **DataFile:** BG064628.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	6100	0	6800	ug/Kg	111		4		13	153	20
Phenanthrene	3100	0	3000	ug/Kg	97		3		52	128	20
Anthracene	3100	0	2900	ug/Kg	94		6		62	124	20
Carbazole	3100	0	3000	ug/Kg	97		3		59	119	20
Di-n-butylphthalate	3100	0	3100	ug/Kg	100		3		55	125	20
Fluoranthene	3100	0	3100	ug/Kg	100		0		44	125	20
Pyrene	3100	0	2700	ug/Kg	87		8		37	122	20
Butylbenzylphthalate	3100	0	3400	ug/Kg	110		3		44	135	20
3,3-Dichlorobenzidine	3100	0	1700	ug/Kg	55		0		15	112	20
Benzo(a)anthracene	3100	0	3000	ug/Kg	97		3		53	119	20
Chrysene	3100	0	2900	ug/Kg	94		6		57	121	20
bis(2-Ethylhexyl)phthalate	3100	0	3400	ug/Kg	110		0		42	169	20
Di-n-octyl phthalate	3100	0	3300	ug/Kg	106		6		51	156	20
Benzo(b)fluoranthene	3100	0	3000	ug/Kg	97		3		52	117	20
Benzo(k)fluoranthene	3100	0	3000	ug/Kg	97		6		57	134	20
Benzo(a)pyrene	3100	0	3100	ug/Kg	100		3		70	142	20
Indeno(1,2,3-cd)pyrene	3100	0	3000	ug/Kg	97		3		40	129	20
Dibenz(a,h)anthracene	3100	0	3000	ug/Kg	97		6		43	123	20
Benzo(g,h,i)perylene	3100	0	3100	ug/Kg	100		3		24	125	20
1,2,4,5-Tetrachlorobenzene	3100	0	3400	ug/Kg	110		3		52	134	20
1,4-Dioxane	3100	0	2300	ug/Kg	74		9		46	112	20
2,3,4,6-Tetrachlorophenol	3100	0	3600	ug/Kg	116		6		24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3434 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BG064622.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170215BS	Benzaldehyde	1700	1100	ug/Kg	65				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	790	ug/Kg	46				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	4100	ug/Kg	124				45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	3600	ug/Kg	109				37	128	
	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3434 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BG064622.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170215BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1600	ug/Kg	94				47	152	
	Pentachlorophenol	3300	3300	ug/Kg	100				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3434 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BG064638.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170286BS	Benzaldehyde	50	11.4	ug/L	23				10	162	
	Phenol	50	38.9	ug/L	78				66	118	
	bis(2-Chloroethyl)ether	50	35.9	ug/L	72				62	103	
	2-Chlorophenol	50	43.7	ug/L	87				70	117	
	2-Methylphenol	50	40.8	ug/L	82				69	109	
	2,2-oxybis(1-Chloropropane)	50	35.8	ug/L	72				65	100	
	Acetophenone	50	40.5	ug/L	81				60	104	
	3+4-Methylphenols	50	38.9	ug/L	78				67	106	
	N-Nitroso-di-n-propylamine	50	38.1	ug/L	76				57	107	
	Hexachloroethane	50	40.6	ug/L	81				76	118	
	Nitrobenzene	50	43.9	ug/L	88				58	106	
	Isophorone	50	37.1	ug/L	74				61	102	
	2-Nitrophenol	50	47.8	ug/L	96				70	115	
	2,4-Dimethylphenol	50	45.1	ug/L	90				42	142	
	bis(2-Chloroethoxy)methane	50	38.1	ug/L	76				58	109	
	2,4-Dichlorophenol	50	44.2	ug/L	88				66	115	
	Naphthalene	50	38.0	ug/L	76				64	107	
	4-Chloroaniline	50	19.7	ug/L	39				10	85	
	Hexachlorobutadiene	50	40.7	ug/L	81				69	101	
	Caprolactam	50	39.1	ug/L	78				58	128	
	4-Chloro-3-methylphenol	50	41.8	ug/L	84				65	114	
	2-Methylnaphthalene	50	34.6	ug/L	69				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	47.1	ug/L	94				61	110	
	2,4,5-Trichlorophenol	50	44.9	ug/L	90				70	106	
	1,1-Biphenyl	50	42.2	ug/L	84				72	98	
	2-Chloronaphthalene	50	39.4	ug/L	79				59	106	
	2-Nitroaniline	50	45.5	ug/L	91				73	114	
	Dimethylphthalate	50	40.5	ug/L	81				64	103	
	Acenaphthylene	50	44.6	ug/L	89				79	103	
	2,6-Dinitrotoluene	50	50.0	ug/L	100				64	110	
	3-Nitroaniline	50	33.5	ug/L	67				28	100	
	Acenaphthene	50	45.1	ug/L	90				59	113	
	2,4-Dinitrophenol	100	110	ug/L	110				36	166	
	4-Nitrophenol	100	95.8	ug/L	96				45	147	
	Dibenzofuran	50	40.5	ug/L	81				65	106	
	2,4-Dinitrotoluene	50	48.4	ug/L	97				60	115	
	Diethylphthalate	50	39.9	ug/L	80				63	105	
	4-Chlorophenyl-phenylether	50	40.7	ug/L	81				61	104	
	Fluorene	50	41.0	ug/L	82				64	107	
	4-Nitroaniline	50	47.7	ug/L	95				55	125	
	4,6-Dinitro-2-methylphenol	50	53.3	ug/L	107				62	132	
	N-Nitrosodiphenylamine	50	41.6	ug/L	83				61	109	
	4-Bromophenyl-phenylether	50	41.5	ug/L	83				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3434 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BG064638.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170286BS	Hexachlorobenzene	50	41.8	ug/L	84				73	106	
	Atrazine	50	42.1	ug/L	84				76	120	
	Pentachlorophenol	100	93.8	ug/L	94				47	114	
	Phenanthrene	50	40.4	ug/L	81				62	109	
	Anthracene	50	40.2	ug/L	80				65	110	
	Carbazole	50	41.3	ug/L	83				62	106	
	Di-n-butylphthalate	50	39.4	ug/L	79				64	106	
	Fluoranthene	50	41.6	ug/L	83				64	110	
	Pyrene	50	38.0	ug/L	76				71	103	
	Butylbenzylphthalate	50	43.4	ug/L	87				61	105	
	3,3-Dichlorobenzidine	50	30.5	ug/L	61				43	108	
	Benzo(a)anthracene	50	40.7	ug/L	81				62	107	
	Chrysene	50	40.2	ug/L	80				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.9	ug/L	86				59	110	
	Di-n-octyl phthalate	50	44.5	ug/L	89				52	139	
	Benzo(b)fluoranthene	50	43.3	ug/L	87				77	113	
	Benzo(k)fluoranthene	50	43.1	ug/L	86				77	105	
	Benzo(a)pyrene	50	45.1	ug/L	90				72	131	
	Indeno(1,2,3-cd)pyrene	50	43.3	ug/L	87				72	105	
	Dibenz(a,h)anthracene	50	43.7	ug/L	87				78	115	
	Benzo(g,h,i)perylene	50	45.2	ug/L	90				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.1	ug/L	86				72	101	
	1,4-Dioxane	50	30.4	ug/L	61				38	125	
	2,3,4,6-Tetrachlorophenol	50	50.0	ug/L	100				63	116	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3434 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BG064639.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170286BSD	Benzaldehyde	50	12.8	ug/L	26				10	162	20
	Phenol	50	40.5	ug/L	81				66	118	20
	bis(2-Chloroethyl)ether	50	36.7	ug/L	73				62	103	20
	2-Chlorophenol	50	42.6	ug/L	85				70	117	20
	2-Methylphenol	50	41.6	ug/L	83				69	109	20
	2,2-oxybis(1-Chloropropane)	50	36.9	ug/L	74				65	100	20
	Acetophenone	50	42.7	ug/L	85				60	104	20
	3+4-Methylphenols	50	40.6	ug/L	81				67	106	20
	N-Nitroso-di-n-propylamine	50	40.3	ug/L	81				57	107	20
	Hexachloroethane	50	42.4	ug/L	85				76	118	20
	Nitrobenzene	50	45.1	ug/L	90				58	106	20
	Isophorone	50	39.1	ug/L	78				61	102	20
	2-Nitrophenol	50	51.5	ug/L	103				70	115	20
	2,4-Dimethylphenol	50	47.6	ug/L	95				42	142	20
	bis(2-Chloroethoxy)methane	50	39.6	ug/L	79				58	109	20
	2,4-Dichlorophenol	50	45.9	ug/L	92				66	115	20
	Naphthalene	50	39.4	ug/L	79				64	107	20
	4-Chloroaniline	50	21.2	ug/L	42				10	85	20
	Hexachlorobutadiene	50	43.1	ug/L	86				69	101	20
	Caprolactam	50	40.3	ug/L	81				58	128	20
	4-Chloro-3-methylphenol	50	43.6	ug/L	87				65	114	20
	2-Methylnaphthalene	50	36.4	ug/L	73				64	107	20
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	20
	2,4,6-Trichlorophenol	50	46.3	ug/L	93				61	110	20
	2,4,5-Trichlorophenol	50	44.9	ug/L	90				70	106	20
	1,1-Biphenyl	50	41.0	ug/L	82				72	98	20
	2-Chloronaphthalene	50	38.9	ug/L	78				59	106	20
	2-Nitroaniline	50	45.9	ug/L	92				73	114	20
	Dimethylphthalate	50	40.2	ug/L	80				64	103	20
	Acenaphthylene	50	44.5	ug/L	89				79	103	20
	2,6-Dinitrotoluene	50	49.0	ug/L	98				64	110	20
	3-Nitroaniline	50	33.1	ug/L	66				28	100	20
	Acenaphthene	50	45.3	ug/L	91				59	113	20
	2,4-Dinitrophenol	100	110	ug/L	110				36	166	20
	4-Nitrophenol	100	95.8	ug/L	96				45	147	20
	Dibenzofuran	50	39.8	ug/L	80				65	106	20
	2,4-Dinitrotoluene	50	47.9	ug/L	96				60	115	20
	Diethylphthalate	50	38.7	ug/L	77				63	105	20
	4-Chlorophenyl-phenylether	50	40.1	ug/L	80				61	104	20
	Fluorene	50	40.0	ug/L	80				64	107	20
	4-Nitroaniline	50	47.3	ug/L	95				55	125	20
	4,6-Dinitro-2-methylphenol	50	55.1	ug/L	110				62	132	20
	N-Nitrosodiphenylamine	50	41.8	ug/L	84				61	109	20
	4-Bromophenyl-phenylether	50	41.3	ug/L	83				73	103	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3434 **Analytical Method:** 8270E

Client: AECOM **DataFile:** BG064639.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170286BSD	Hexachlorobenzene	50	41.3	ug/L	83				73	106	20
	Atrazine	50	42.2	ug/L	84				76	120	20
	Pentachlorophenol	100	93.3	ug/L	93				47	114	20
	Phenanthrene	50	40.3	ug/L	81				62	109	20
	Anthracene	50	40.1	ug/L	80				65	110	20
	Carbazole	50	41.3	ug/L	83				62	106	20
	Di-n-butylphthalate	50	39.2	ug/L	78				64	106	20
	Fluoranthene	50	41.3	ug/L	83				64	110	20
	Pyrene	50	37.9	ug/L	76				71	103	20
	Butylbenzylphthalate	50	43.3	ug/L	87				61	105	20
	3,3-Dichlorobenzidine	50	31.1	ug/L	62				43	108	20
	Benzo(a)anthracene	50	40.7	ug/L	81				62	107	20
	Chrysene	50	40.5	ug/L	81				61	108	20
	bis(2-Ethylhexyl)phthalate	50	42.3	ug/L	85				59	110	20
	Di-n-octyl phthalate	50	44.3	ug/L	89				52	139	20
	Benzo(b)fluoranthene	50	43.9	ug/L	88				77	113	20
	Benzo(k)fluoranthene	50	43.0	ug/L	86				77	105	20
	Benzo(a)pyrene	50	44.8	ug/L	90				72	131	20
	Indeno(1,2,3-cd)pyrene	50	43.3	ug/L	87				72	105	20
	Dibenz(a,h)anthracene	50	44.4	ug/L	89				78	115	20
	Benzo(g,h,i)perylene	50	44.6	ug/L	89				75	118	20
	1,2,4,5-Tetrachlorobenzene	50	42.2	ug/L	84				72	101	20
	1,4-Dioxane	50	31.6	ug/L	63				38	125	20
	2,3,4,6-Tetrachlorophenol	50	49.8	ug/L	100				63	116	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170215BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3434

Lab File ID: BG064621.D | Lab Sample ID: PB170215BL

Instrument ID: BNA_G | Date Extracted: 10/23/2025

Matrix: (soil/water) SOIL | Date Analyzed: 10/29/2025

Level: (low/med) LOW | Time Analyzed: 13:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170215BS	PB170215BS	BG064622.D	10/29/2025
PR-132-S16-015094-20251021MS	Q3419-02MS	BG064627.D	10/29/2025
PR-132-S16-015094-20251021MSD	Q3419-03MSD	BG064628.D	10/29/2025
PR132-WC1-20251022	Q3434-01	BF144106.D	10/28/2025

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170286BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3434

Lab File ID: BG064637.D | Lab Sample ID: PB170286BL

Instrument ID: BNA_G | Date Extracted: 10/28/2025

Matrix: (soil/water) Water | Date Analyzed: 10/30/2025

Level: (low/med) LOW | Time Analyzed: 12:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170286BS	PB170286BS	BG064638.D	10/30/2025
PB170286BSD	PB170286BSD	BG064639.D	10/30/2025
PR132-WC2-20251022	Q3434-02	BF144132.D	10/29/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3434

Lab File ID: BF144055.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23.3
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	16.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 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
SSTDICC2.5	SSTDICC2.5	BF144056.D	10/24/2025	10:13
SSTDICC005	SSTDICC005	BF144057.D	10/24/2025	10:42
SSTDICC010	SSTDICC010	BF144058.D	10/24/2025	11:39
SSTDICC020	SSTDICC020	BF144059.D	10/24/2025	12:36
SSTDICCC040	SSTDICCC040	BF144060.D	10/24/2025	13:05
SSTDICC050	SSTDICC050	BF144061.D	10/24/2025	13:34
SSTDICC080	SSTDICC080	BF144063.D	10/24/2025	14:32
SSTDICC060	SSTDICC060	BF144064.D	10/24/2025	16:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3434

Lab File ID: BF144096.D | DFTPP Injection Date: 10/28/2025

Instrument ID: BNA_F | DFTPP Injection Time: 12:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.7) 1
69	Mass 69 relative abundance	24.3
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	16.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.5 (18.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144097.D	10/28/2025	13:17
PR132-WC1-20251022	Q3434-01	BF144106.D	10/28/2025	17:44

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3434

Lab File ID: BF144120.D DFTPP Injection Date: 10/29/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	23.9
70	Less than 2.0% of mass 69	0.0 (0.0) 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	5.3
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18 (18) 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	BF144121.D	10/29/2025	11:30
PR132-WC2-20251022	Q3434-02	BF144132.D	10/29/2025	17:02

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3434

Lab File ID: BG064568.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.1 (0.2) 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	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	92.7
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3434

Lab File ID: BG064617.D | DFTPP Injection Date: 10/29/2025

Instrument ID: BNA_G | DFTPP Injection Time: 10:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.3
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	16.1
442	Greater than 50% of mass 198	97.3
443	15.0 - 24.0% of mass 442	17.5 (18) 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	BG064618.D	10/29/2025	11:22
PB170215BL	PB170215BL	BG064621.D	10/29/2025	13:25
PB170215BS	PB170215BS	BG064622.D	10/29/2025	14:06
PR-132-S16-015094-20251021MS	Q3419-02MS	BG064627.D	10/29/2025	17:34
PR-132-S16-015094-20251021MSD	Q3419-03MSD	BG064628.D	10/29/2025	18:15

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3434

Lab File ID: BG064635.D DFTPP Injection Date: 10/30/2025

Instrument ID: BNA_G DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.3
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	94.2
443	15.0 - 24.0% of mass 442	18.8 (20) 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	BG064636.D	10/30/2025	11:36
PB170286BL	PB170286BL	BG064637.D	10/30/2025	12:17
PB170286BS	PB170286BS	BG064638.D	10/30/2025	12:58
PB170286BSD	PB170286BSD	BG064639.D	10/30/2025	13:39

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3434

Client ID : SSTDCCC040 Date Analyzed: 10/28/2025

Lab File ID: BF144097.D Time Analyzed: 13:17

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	66521	6.881	250146	8.16	147935	9.92
	UPPER LIMIT	133042	7.381	500292	8.663	295870	10.416
	LOWER LIMIT	33260.5	6.381	125073	7.663	73967.5	9.416
	EPA SAMPLE NO.						
01	PR132-WC1-20251022	65453	6.88	248016	8.16	145676	9.92

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3434

Client ID: SSTDCCC040 Date Analyzed: 10/28/2025

Lab File ID: BF144097.D Time Analyzed: 13:17

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	264042	11.41	128248	14.057	169914	15.539
	UPPER LIMIT	528084	11.91	256496	14.557	339828	16.039
	LOWER LIMIT	132021	10.91	64124	13.557	84957	15.039
	EPA SAMPLE NO.						
01	PR132-WC1-20251022	242686	11.40	126847	14.05	179897	15.53

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.: Q3434

Client ID : SSTDCCC040 Date Analyzed: 10/29/2025

Lab File ID: BF144121.D Time Analyzed: 11:30

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	61447	6.881	232371	8.16	124035	9.92
	UPPER LIMIT	122894	7.381	464742	8.663	248070	10.416
	LOWER LIMIT	30723.5	6.381	116186	7.663	62017.5	9.416
	EPA SAMPLE NO.						
01	PR132-WC2-20251022	59068	6.88	222374	8.16	127295	9.92

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3434

Client ID: SSTDCCC040 Date Analyzed: 10/29/2025

Lab File ID: BF144121.D Time Analyzed: 11:30

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	207074	11.41	153131	14.057	204043	15.539
	UPPER LIMIT	414148	11.91	306262	14.557	408086	16.039
	LOWER LIMIT	103537	10.91	76565.5	13.557	102022	15.039
	EPA SAMPLE NO.						
01	PR132-WC2-20251022	211645	11.40	165479	14.05	206243	15.53

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.: Q3434

Client ID : SSTDCCC040 Date Analyzed: 10/29/2025

Lab File ID: BG064618.D Time Analyzed: 11:22

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	36613	8.223	148961	11.04	108882	14.84
	UPPER LIMIT	73226	8.723	297922	11.543	217764	15.339
	LOWER LIMIT	18306.5	7.723	74480.5	10.543	54441	14.339
	EPA SAMPLE NO.						
01	PB170215BL	33974	8.22	131027	11.04	98338	14.84
02	PB170215BS	30857	8.22	126314	11.04	102616	14.84
03	PR-132-S16-015094-20251021MS	30488	8.22	121320	11.04	93614	14.84
04	PR-132-S16-015094-20251021MSD	31803	8.21	124534	11.04	94989	14.84

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.: Q3434

Client ID: SSTDCCC040 Date Analyzed: 10/29/2025

Lab File ID: BG064618.D Time Analyzed: 11:22

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	241683	17.577	261016	21.854	298207	25.197
	UPPER LIMIT	483366	18.077	522032	22.354	596414	25.697
	LOWER LIMIT	120842	17.077	130508	21.354	149104	24.697
	EPA SAMPLE NO.						
01	PB170215BL	248117	17.58	318243	21.85	369003	25.19
02	PB170215BS	252758	17.58	286271	21.85	311364	25.19
03	PR-132-S16-015094-20251021I	229619	17.58	271892	21.85	296767	25.19
04	PR-132-S16-015094-20251021I	230638	17.58	282250	21.85	308600	25.19

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.: Q3434

Client ID : SSTDCCC040 Date Analyzed: 10/30/2025

Lab File ID: BG064636.D Time Analyzed: 11:36

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	32501	8.219	127691	11.05	94503	14.84
	UPPER LIMIT	65002	8.719	255382	11.545	189006	15.341
	LOWER LIMIT	16250.5	7.719	63845.5	10.545	47251.5	14.341
	EPA SAMPLE NO.						
01	PB170286BL	25136	8.22	99198	11.04	73729	14.84
02	PB170286BS	30784	8.22	124677	11.04	97021	14.84
03	PB170286BSD	30191	8.22	121649	11.04	100532	14.84

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.: Q3434

Client ID: SSTDCCC040 Date Analyzed: 10/30/2025

Lab File ID: BG064636.D Time Analyzed: 11:36

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	210658	17.579	257813	21.856	295961	25.199
	UPPER LIMIT	421316	18.079	515626	22.356	591922	25.699
	LOWER LIMIT	105329	17.079	128907	21.356	147981	24.699
	EPA SAMPLE NO.						
01	PB170286BL	191571	17.58	261407	21.85	302809	25.19
02	PB170286BS	242858	17.58	288177	21.85	302049	25.20
03	PB170286BSD	246375	17.58	288758	21.86	302411	25.19

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170215BL	SDG No.:	Q3434
Lab Sample ID:	PB170215BL	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	330	U	1	160	330	ug/Kg	10/29/25 13:25	PB170215
108-95-2	Phenol	170	U	1	22.1	170	ug/Kg	10/29/25 13:25	PB170215
111-44-4	bis(2-Chloroethyl)ether	170	U	1	24.3	170	ug/Kg	10/29/25 13:25	PB170215
95-57-8	2-Chlorophenol	170	U	1	24.4	170	ug/Kg	10/29/25 13:25	PB170215
95-48-7	2-Methylphenol	170	U	1	29.9	170	ug/Kg	10/29/25 13:25	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	1	37.5	170	ug/Kg	10/29/25 13:25	PB170215
98-86-2	Acetophenone	170	U	1	29.5	170	ug/Kg	10/29/25 13:25	PB170215
65794-96-9	3+4-Methylphenols	330	U	1	41.1	330	ug/Kg	10/29/25 13:25	PB170215
621-64-7	n-Nitroso-di-n-propylamine	80.0	U	1	47.4	80.0	ug/Kg	10/29/25 13:25	PB170215
67-72-1	Hexachloroethane	170	U	1	17.6	170	ug/Kg	10/29/25 13:25	PB170215
98-95-3	Nitrobenzene	170	U	1	18.3	170	ug/Kg	10/29/25 13:25	PB170215
78-59-1	Isophorone	170	U	1	32.8	170	ug/Kg	10/29/25 13:25	PB170215
88-75-5	2-Nitrophenol	170	U	1	58.2	170	ug/Kg	10/29/25 13:25	PB170215
105-67-9	2,4-Dimethylphenol	170	U	1	64.8	170	ug/Kg	10/29/25 13:25	PB170215
111-91-1	bis(2-Chloroethoxy)methane	170	U	1	30.8	170	ug/Kg	10/29/25 13:25	PB170215
120-83-2	2,4-Dichlorophenol	170	U	1	28.3	170	ug/Kg	10/29/25 13:25	PB170215
91-20-3	Naphthalene	170	U	1	22.7	170	ug/Kg	10/29/25 13:25	PB170215
106-47-8	4-Chloroaniline	170	U	1	35.4	170	ug/Kg	10/29/25 13:25	PB170215
87-68-3	Hexachlorobutadiene	170	U	1	25.3	170	ug/Kg	10/29/25 13:25	PB170215
105-60-2	Caprolactam	330	U	1	52.1	330	ug/Kg	10/29/25 13:25	PB170215
59-50-7	4-Chloro-3-methylphenol	170	U	1	28.7	170	ug/Kg	10/29/25 13:25	PB170215
91-57-6	2-Methylnaphthalene	170	U	1	25.6	170	ug/Kg	10/29/25 13:25	PB170215
77-47-4	Hexachlorocyclopentadiene	330	U	1	120	330	ug/Kg	10/29/25 13:25	PB170215
88-06-2	2,4,6-Trichlorophenol	170	U	1	19.8	170	ug/Kg	10/29/25 13:25	PB170215
95-95-4	2,4,5-Trichlorophenol	170	U	1	29.1	170	ug/Kg	10/29/25 13:25	PB170215
92-52-4	1,1-Biphenyl	170	U	1	21.8	170	ug/Kg	10/29/25 13:25	PB170215
91-58-7	2-Chloronaphthalene	170	U	1	22.5	170	ug/Kg	10/29/25 13:25	PB170215
88-74-4	2-Nitroaniline	170	U	1	48.1	170	ug/Kg	10/29/25 13:25	PB170215
131-11-3	Dimethylphthalate	170	U	1	27.1	170	ug/Kg	10/29/25 13:25	PB170215
208-96-8	Acenaphthylene	170	U	1	28.9	170	ug/Kg	10/29/25 13:25	PB170215
606-20-2	2,6-Dinitrotoluene	170	U	1	33.6	170	ug/Kg	10/29/25 13:25	PB170215
99-09-2	3-Nitroaniline	170	U	1	46.0	170	ug/Kg	10/29/25 13:25	PB170215
83-32-9	Acenaphthene	170	U	1	21.3	170	ug/Kg	10/29/25 13:25	PB170215
51-28-5	2,4-Dinitrophenol	330	U	1	230	330	ug/Kg	10/29/25 13:25	PB170215
100-02-7	4-Nitrophenol	330	U	1	110	330	ug/Kg	10/29/25 13:25	PB170215
132-64-9	Dibenzofuran	170	U	1	22.7	170	ug/Kg	10/29/25 13:25	PB170215
121-14-2	2,4-Dinitrotoluene	170	U	1	50.1	170	ug/Kg	10/29/25 13:25	PB170215
84-66-2	Diethylphthalate	170	U	1	28.3	170	ug/Kg	10/29/25 13:25	PB170215
7005-72-3	4-Chlorophenyl-phenylether	170	U	1	26.7	170	ug/Kg	10/29/25 13:25	PB170215
86-73-7	Fluorene	170	U	1	25.3	170	ug/Kg	10/29/25 13:25	PB170215
100-01-6	4-Nitroaniline	170	U	1	64.2	170	ug/Kg	10/29/25 13:25	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	330	U	1	100	330	ug/Kg	10/29/25 13:25	PB170215

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170215BL	SDG No.:	Q3434
Lab Sample ID:	PB170215BL	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	170	U	1	32.9	170	ug/Kg	10/29/25 13:25	PB170215
101-55-3	4-Bromophenyl-phenylether	170	U	1	27.8	170	ug/Kg	10/29/25 13:25	PB170215
118-74-1	Hexachlorobenzene	170	U	1	25.3	170	ug/Kg	10/29/25 13:25	PB170215
1912-24-9	Atrazine	170	U	1	34.0	170	ug/Kg	10/29/25 13:25	PB170215
87-86-5	Pentachlorophenol	330	U	1	51.3	330	ug/Kg	10/29/25 13:25	PB170215
85-01-8	Phenanthrene	170	U	1	20.9	170	ug/Kg	10/29/25 13:25	PB170215
120-12-7	Anthracene	170	U	1	33.3	170	ug/Kg	10/29/25 13:25	PB170215
86-74-8	Carbazole	170	U	1	31.2	170	ug/Kg	10/29/25 13:25	PB170215
84-74-2	Di-n-butylphthalate	170	U	1	47.9	170	ug/Kg	10/29/25 13:25	PB170215
206-44-0	Fluoranthene	170	U	1	30.0	170	ug/Kg	10/29/25 13:25	PB170215
129-00-0	Pyrene	170	U	1	36.0	170	ug/Kg	10/29/25 13:25	PB170215
85-68-7	Butylbenzylphthalate	170	U	1	71.4	170	ug/Kg	10/29/25 13:25	PB170215
91-94-1	3,3-Dichlorobenzidine	330	U	1	36.7	330	ug/Kg	10/29/25 13:25	PB170215
56-55-3	Benzo(a)anthracene	170	U	1	23.0	170	ug/Kg	10/29/25 13:25	PB170215
218-01-9	Chrysene	170	U	1	19.9	170	ug/Kg	10/29/25 13:25	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	1	59.2	170	ug/Kg	10/29/25 13:25	PB170215
117-84-0	Di-n-octyl phthalate	330	U	1	86.8	330	ug/Kg	10/29/25 13:25	PB170215
205-99-2	Benzo(b)fluoranthene	170	U	1	19.0	170	ug/Kg	10/29/25 13:25	PB170215
207-08-9	Benzo(k)fluoranthene	170	U	1	22.4	170	ug/Kg	10/29/25 13:25	PB170215
50-32-8	Benzo(a)pyrene	170	U	1	29.5	170	ug/Kg	10/29/25 13:25	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	1	29.1	170	ug/Kg	10/29/25 13:25	PB170215
53-70-3	Dibenzo(a,h)anthracene	170	U	1	27.4	170	ug/Kg	10/29/25 13:25	PB170215
191-24-2	Benzo(g,h,i)perylene	170	U	1	25.7	170	ug/Kg	10/29/25 13:25	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	1	25.6	170	ug/Kg	10/29/25 13:25	PB170215
123-91-1	1,4-Dioxane	170	U	1	45.2	170	ug/Kg	10/29/25 13:25	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	1	27.4	170	ug/Kg	10/29/25 13:25	PB170215
SURROGATES									
367-12-4	2-Fluorophenol	139			18 - 112	92%	SPK: 150		
13127-88-3	Phenol-d6	139			15 - 107	92%	SPK: 150		
4165-60-0	Nitrobenzene-d5	110	*		18 - 107	110%	SPK: 100		
321-60-8	2-Fluorobiphenyl	96.8			20 - 109	97%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	161			10 - 116	108%	SPK: 150		
1718-51-0	Terphenyl-d14	90.8			10 - 105	91%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	34000							
1146-65-2	Naphthalene-d8	131000							
15067-26-2	Acenaphthene-d10	98300							
1517-22-2	Phenanthrene-d10	248000							
1719-03-5	Chrysene-d12	318000							
1520-96-3	Perylene-d12	369000							

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Report of Analysis

Client:	AECOM			Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206			Date Received:	
Client Sample ID:	PB170215BL			SDG No.:	Q3434
Lab Sample ID:	PB170215BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

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Report of Analysis

Client:	AECOM			Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206			Date Received:	
Client Sample ID:	PB170286BL			SDG No.:	Q3434
Lab Sample ID:	PB170286BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C	Prep Date:	10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	10.0	U	1	3.90	10.0	ug/L	10/30/25 12:17	PB170286
108-95-2	Phenol	5.00	U	1	0.91	5.00	ug/L	10/30/25 12:17	PB170286
111-44-4	bis(2-Chloroethyl)ether	5.00	U	1	0.81	5.00	ug/L	10/30/25 12:17	PB170286
95-57-8	2-Chlorophenol	5.00	U	1	0.58	5.00	ug/L	10/30/25 12:17	PB170286
95-48-7	2-Methylphenol	5.00	U	1	1.10	5.00	ug/L	10/30/25 12:17	PB170286
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1	1.30	5.00	ug/L	10/30/25 12:17	PB170286
98-86-2	Acetophenone	5.00	U	1	0.74	5.00	ug/L	10/30/25 12:17	PB170286
65794-96-9	3+4-Methylphenols	10.0	U	1	1.10	10.0	ug/L	10/30/25 12:17	PB170286
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1	1.40	2.50	ug/L	10/30/25 12:17	PB170286
67-72-1	Hexachloroethane	5.00	U	1	0.65	5.00	ug/L	10/30/25 12:17	PB170286
98-95-3	Nitrobenzene	5.00	U	1	0.76	5.00	ug/L	10/30/25 12:17	PB170286
78-59-1	Isophorone	5.00	U	1	0.75	5.00	ug/L	10/30/25 12:17	PB170286
88-75-5	2-Nitrophenol	5.00	U	1	1.80	5.00	ug/L	10/30/25 12:17	PB170286
105-67-9	2,4-Dimethylphenol	5.00	U	1	1.90	5.00	ug/L	10/30/25 12:17	PB170286
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	1	0.68	5.00	ug/L	10/30/25 12:17	PB170286
120-83-2	2,4-Dichlorophenol	5.00	U	1	0.52	5.00	ug/L	10/30/25 12:17	PB170286
91-20-3	Naphthalene	5.00	U	1	0.50	5.00	ug/L	10/30/25 12:17	PB170286
106-47-8	4-Chloroaniline	5.00	U	1	0.84	5.00	ug/L	10/30/25 12:17	PB170286
87-68-3	Hexachlorobutadiene	5.00	U	1	0.54	5.00	ug/L	10/30/25 12:17	PB170286
105-60-2	Caprolactam	10.0	U	1	1.10	10.0	ug/L	10/30/25 12:17	PB170286
59-50-7	4-Chloro-3-methylphenol	5.00	U	1	0.59	5.00	ug/L	10/30/25 12:17	PB170286
91-57-6	2-Methylnaphthalene	5.00	U	1	0.56	5.00	ug/L	10/30/25 12:17	PB170286
77-47-4	Hexachlorocyclopentadiene	10.0	U	1	3.60	10.0	ug/L	10/30/25 12:17	PB170286
88-06-2	2,4,6-Trichlorophenol	5.00	U	1	0.51	5.00	ug/L	10/30/25 12:17	PB170286
95-95-4	2,4,5-Trichlorophenol	5.00	U	1	0.62	5.00	ug/L	10/30/25 12:17	PB170286
92-52-4	1,1-Biphenyl	5.00	U	1	0.53	5.00	ug/L	10/30/25 12:17	PB170286
91-58-7	2-Chloronaphthalene	5.00	U	1	0.61	5.00	ug/L	10/30/25 12:17	PB170286
88-74-4	2-Nitroaniline	5.00	U	1	1.30	5.00	ug/L	10/30/25 12:17	PB170286
131-11-3	Dimethylphthalate	5.00	U	1	0.61	5.00	ug/L	10/30/25 12:17	PB170286
208-96-8	Acenaphthylene	5.00	U	1	0.75	5.00	ug/L	10/30/25 12:17	PB170286
606-20-2	2,6-Dinitrotoluene	5.00	U	1	0.92	5.00	ug/L	10/30/25 12:17	PB170286
99-09-2	3-Nitroaniline	5.00	U	1	1.10	5.00	ug/L	10/30/25 12:17	PB170286
83-32-9	Acenaphthene	5.00	U	1	0.55	5.00	ug/L	10/30/25 12:17	PB170286
51-28-5	2,4-Dinitrophenol	10.0	U	1	6.00	10.0	ug/L	10/30/25 12:17	PB170286
100-02-7	4-Nitrophenol	10.0	U	1	2.40	10.0	ug/L	10/30/25 12:17	PB170286
132-64-9	Dibenzofuran	5.00	U	1	0.61	5.00	ug/L	10/30/25 12:17	PB170286
121-14-2	2,4-Dinitrotoluene	5.00	U	1	1.20	5.00	ug/L	10/30/25 12:17	PB170286
84-66-2	Diethylphthalate	5.00	U	1	0.69	5.00	ug/L	10/30/25 12:17	PB170286
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	1	0.68	5.00	ug/L	10/30/25 12:17	PB170286
86-73-7	Fluorene	5.00	U	1	0.63	5.00	ug/L	10/30/25 12:17	PB170286
100-01-6	4-Nitroaniline	5.00	U	1	1.50	5.00	ug/L	10/30/25 12:17	PB170286
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	1	2.90	10.0	ug/L	10/30/25 12:17	PB170286

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170286BL	SDG No.:	Q3434
Lab Sample ID:	PB170286BL	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	5.00	U	1	0.58	5.00	ug/L	10/30/25 12:17	PB170286
101-55-3	4-Bromophenyl-phenylether	5.00	U	1	0.40	5.00	ug/L	10/30/25 12:17	PB170286
118-74-1	Hexachlorobenzene	5.00	U	1	0.52	5.00	ug/L	10/30/25 12:17	PB170286
1912-24-9	Atrazine	5.00	U	1	1.00	5.00	ug/L	10/30/25 12:17	PB170286
87-86-5	Pentachlorophenol	10.0	U	1	1.60	10.0	ug/L	10/30/25 12:17	PB170286
85-01-8	Phenanthrene	5.00	U	1	0.50	5.00	ug/L	10/30/25 12:17	PB170286
120-12-7	Anthracene	5.00	U	1	0.61	5.00	ug/L	10/30/25 12:17	PB170286
86-74-8	Carbazole	5.00	U	1	0.72	5.00	ug/L	10/30/25 12:17	PB170286
84-74-2	Di-n-butylphthalate	5.00	U	1	1.20	5.00	ug/L	10/30/25 12:17	PB170286
206-44-0	Fluoranthene	5.00	U	1	0.82	5.00	ug/L	10/30/25 12:17	PB170286
129-00-0	Pyrene	5.00	U	1	0.50	5.00	ug/L	10/30/25 12:17	PB170286
85-68-7	Butylbenzylphthalate	5.00	U	1	1.90	5.00	ug/L	10/30/25 12:17	PB170286
91-94-1	3,3-Dichlorobenzidine	10.0	U	1	0.93	10.0	ug/L	10/30/25 12:17	PB170286
56-55-3	Benzo(a)anthracene	5.00	U	1	0.45	5.00	ug/L	10/30/25 12:17	PB170286
218-01-9	Chrysene	5.00	U	1	0.44	5.00	ug/L	10/30/25 12:17	PB170286
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1	1.60	5.00	ug/L	10/30/25 12:17	PB170286
117-84-0	Di-n-octyl phthalate	10.0	U	1	2.30	10.0	ug/L	10/30/25 12:17	PB170286
205-99-2	Benzo(b)fluoranthene	5.00	U	1	0.49	5.00	ug/L	10/30/25 12:17	PB170286
207-08-9	Benzo(k)fluoranthene	5.00	U	1	0.48	5.00	ug/L	10/30/25 12:17	PB170286
50-32-8	Benzo(a)pyrene	5.00	U	1	0.55	5.00	ug/L	10/30/25 12:17	PB170286
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	1	0.59	5.00	ug/L	10/30/25 12:17	PB170286
53-70-3	Dibenzo(a,h)anthracene	5.00	U	1	0.67	5.00	ug/L	10/30/25 12:17	PB170286
191-24-2	Benzo(g,h,i)perylene	5.00	U	1	0.69	5.00	ug/L	10/30/25 12:17	PB170286
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	1	0.52	5.00	ug/L	10/30/25 12:17	PB170286
123-91-1	1,4-Dioxane	5.00	U	1	1.00	5.00	ug/L	10/30/25 12:17	PB170286
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	1	0.72	5.00	ug/L	10/30/25 12:17	PB170286
SURROGATES									
367-12-4	2-Fluorophenol	133			23 - 138	88%	SPK: 150		
13127-88-3	Phenol-d6	126			10 - 134	84%	SPK: 150		
4165-60-0	Nitrobenzene-d5	102			67 - 132	102%	SPK: 100		
321-60-8	2-Fluorobiphenyl	87.4			52 - 132	87%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	148			44 - 137	99%	SPK: 150		
1718-51-0	Terphenyl-d14	79.4			42 - 152	79%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	25100							
1146-65-2	Naphthalene-d8	99200							
15067-26-2	Acenaphthene-d10	73700							
1517-22-2	Phenanthrene-d10	192000							
1719-03-5	Chrysene-d12	261000							
1520-96-3	Perylene-d12	303000							

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170286BL	SDG No.:	Q3434
Lab Sample ID:	PB170286BL	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170215BS	SDG No.:	Q3434
Lab Sample ID:	PB170215BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1100		1	160	330	ug/Kg	10/29/25 14:06	PB170215
108-95-2	Phenol	1500		1	22.1	170	ug/Kg	10/29/25 14:06	PB170215
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	170	ug/Kg	10/29/25 14:06	PB170215
95-57-8	2-Chlorophenol	1600		1	24.4	170	ug/Kg	10/29/25 14:06	PB170215
95-48-7	2-Methylphenol	1500		1	29.9	170	ug/Kg	10/29/25 14:06	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	170	ug/Kg	10/29/25 14:06	PB170215
98-86-2	Acetophenone	1600		1	29.5	170	ug/Kg	10/29/25 14:06	PB170215
65794-96-9	3+4-Methylphenols	1500		1	41.1	330	ug/Kg	10/29/25 14:06	PB170215
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	10/29/25 14:06	PB170215
67-72-1	Hexachloroethane	1500		1	17.6	170	ug/Kg	10/29/25 14:06	PB170215
98-95-3	Nitrobenzene	1600		1	18.3	170	ug/Kg	10/29/25 14:06	PB170215
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	10/29/25 14:06	PB170215
88-75-5	2-Nitrophenol	1700		1	58.1	170	ug/Kg	10/29/25 14:06	PB170215
105-67-9	2,4-Dimethylphenol	1700		1	64.7	170	ug/Kg	10/29/25 14:06	PB170215
111-91-1	bis(2-Chloroethoxy)methane	1400		1	30.8	170	ug/Kg	10/29/25 14:06	PB170215
120-83-2	2,4-Dichlorophenol	1600		1	28.3	170	ug/Kg	10/29/25 14:06	PB170215
91-20-3	Naphthalene	1400		1	22.7	170	ug/Kg	10/29/25 14:06	PB170215
106-47-8	4-Chloroaniline	790		1	35.4	170	ug/Kg	10/29/25 14:06	PB170215
87-68-3	Hexachlorobutadiene	1500		1	25.3	170	ug/Kg	10/29/25 14:06	PB170215
105-60-2	Caprolactam	1500		1	52.0	330	ug/Kg	10/29/25 14:06	PB170215
59-50-7	4-Chloro-3-methylphenol	1600		1	28.7	170	ug/Kg	10/29/25 14:06	PB170215
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	10/29/25 14:06	PB170215
77-47-4	Hexachlorocyclopentadiene	4100	E	1	120	330	ug/Kg	10/29/25 14:06	PB170215
88-06-2	2,4,6-Trichlorophenol	1700		1	19.8	170	ug/Kg	10/29/25 14:06	PB170215
95-95-4	2,4,5-Trichlorophenol	1600		1	29.1	170	ug/Kg	10/29/25 14:06	PB170215
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	10/29/25 14:06	PB170215
91-58-7	2-Chloronaphthalene	1400		1	22.5	170	ug/Kg	10/29/25 14:06	PB170215
88-74-4	2-Nitroaniline	1600		1	48.1	170	ug/Kg	10/29/25 14:06	PB170215
131-11-3	Dimethylphthalate	1500		1	27.1	170	ug/Kg	10/29/25 14:06	PB170215
208-96-8	Acenaphthylene	1700		1	28.9	170	ug/Kg	10/29/25 14:06	PB170215
606-20-2	2,6-Dinitrotoluene	1700		1	33.6	170	ug/Kg	10/29/25 14:06	PB170215
99-09-2	3-Nitroaniline	1200		1	46.0	170	ug/Kg	10/29/25 14:06	PB170215
83-32-9	Acenaphthene	1600		1	21.3	170	ug/Kg	10/29/25 14:06	PB170215
51-28-5	2,4-Dinitrophenol	3600	E	1	230	330	ug/Kg	10/29/25 14:06	PB170215
100-02-7	4-Nitrophenol	3400	E	1	110	330	ug/Kg	10/29/25 14:06	PB170215
132-64-9	Dibenzofuran	1500		1	22.7	170	ug/Kg	10/29/25 14:06	PB170215
121-14-2	2,4-Dinitrotoluene	1700		1	50.0	170	ug/Kg	10/29/25 14:06	PB170215
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	10/29/25 14:06	PB170215
7005-72-3	4-Chlorophenyl-phenylether	1500		1	26.7	170	ug/Kg	10/29/25 14:06	PB170215
86-73-7	Fluorene	1500		1	25.3	170	ug/Kg	10/29/25 14:06	PB170215
100-01-6	4-Nitroaniline	1700		1	64.1	170	ug/Kg	10/29/25 14:06	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	1800		1	100	330	ug/Kg	10/29/25 14:06	PB170215

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170215BS	SDG No.:	Q3434
Lab Sample ID:	PB170215BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	170	ug/Kg	10/29/25 14:06	PB170215
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	170	ug/Kg	10/29/25 14:06	PB170215
118-74-1	Hexachlorobenzene	1500		1	25.3	170	ug/Kg	10/29/25 14:06	PB170215
1912-24-9	Atrazine	1600		1	34.0	170	ug/Kg	10/29/25 14:06	PB170215
87-86-5	Pentachlorophenol	3300	E	1	51.2	330	ug/Kg	10/29/25 14:06	PB170215
85-01-8	Phenanthrene	1500		1	20.9	170	ug/Kg	10/29/25 14:06	PB170215
120-12-7	Anthracene	1500		1	33.3	170	ug/Kg	10/29/25 14:06	PB170215
86-74-8	Carbazole	1500		1	31.2	170	ug/Kg	10/29/25 14:06	PB170215
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	10/29/25 14:06	PB170215
206-44-0	Fluoranthene	1500		1	30.0	170	ug/Kg	10/29/25 14:06	PB170215
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	10/29/25 14:06	PB170215
85-68-7	Butylbenzylphthalate	1600		1	71.3	170	ug/Kg	10/29/25 14:06	PB170215
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	330	ug/Kg	10/29/25 14:06	PB170215
56-55-3	Benzo(a)anthracene	1500		1	23.0	170	ug/Kg	10/29/25 14:06	PB170215
218-01-9	Chrysene	1500		1	19.9	170	ug/Kg	10/29/25 14:06	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	1600		1	59.1	170	ug/Kg	10/29/25 14:06	PB170215
117-84-0	Di-n-octyl phthalate	1700		1	86.7	330	ug/Kg	10/29/25 14:06	PB170215
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	170	ug/Kg	10/29/25 14:06	PB170215
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	170	ug/Kg	10/29/25 14:06	PB170215
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	10/29/25 14:06	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	170	ug/Kg	10/29/25 14:06	PB170215
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	170	ug/Kg	10/29/25 14:06	PB170215
191-24-2	Benzo(g,h,i)perylene	1500		1	25.7	170	ug/Kg	10/29/25 14:06	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	170	ug/Kg	10/29/25 14:06	PB170215
123-91-1	1,4-Dioxane	1100		1	45.2	170	ug/Kg	10/29/25 14:06	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	27.4	170	ug/Kg	10/29/25 14:06	PB170215
SURROGATES									
367-12-4	2-Fluorophenol	125			18 - 112	83%	SPK: 150		
13127-88-3	Phenol-d6	125			15 - 107	83%	SPK: 150		
4165-60-0	Nitrobenzene-d5	95.4			18 - 107	95%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.6			20 - 109	80%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	144			10 - 116	96%	SPK: 150		
1718-51-0	Terphenyl-d14	83.3			10 - 105	83%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	30900							
1146-65-2	Naphthalene-d8	126000							
15067-26-2	Acenaphthene-d10	103000							
1517-22-2	Phenanthrene-d10	253000							
1719-03-5	Chrysene-d12	286000							
1520-96-3	Perylene-d12	311000							

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170215BS	SDG No.:	Q3434
Lab Sample ID:	PB170215BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170286BS	SDG No.:	Q3434
Lab Sample ID:	PB170286BS	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	11.4		1	3.90	10.0	ug/L	10/30/25 12:58	PB170286
108-95-2	Phenol	38.9		1	0.91	5.00	ug/L	10/30/25 12:58	PB170286
111-44-4	bis(2-Chloroethyl)ether	35.9		1	0.81	5.00	ug/L	10/30/25 12:58	PB170286
95-57-8	2-Chlorophenol	43.7		1	0.58	5.00	ug/L	10/30/25 12:58	PB170286
95-48-7	2-Methylphenol	40.8		1	1.10	5.00	ug/L	10/30/25 12:58	PB170286
108-60-1	2,2-oxybis(1-Chloropropane)	35.8		1	1.30	5.00	ug/L	10/30/25 12:58	PB170286
98-86-2	Acetophenone	40.5		1	0.74	5.00	ug/L	10/30/25 12:58	PB170286
65794-96-9	3+4-Methylphenols	38.9		1	1.10	10.0	ug/L	10/30/25 12:58	PB170286
621-64-7	n-Nitroso-di-n-propylamine	38.1		1	1.40	2.50	ug/L	10/30/25 12:58	PB170286
67-72-1	Hexachloroethane	40.6		1	0.65	5.00	ug/L	10/30/25 12:58	PB170286
98-95-3	Nitrobenzene	43.9		1	0.76	5.00	ug/L	10/30/25 12:58	PB170286
78-59-1	Isophorone	37.1		1	0.75	5.00	ug/L	10/30/25 12:58	PB170286
88-75-5	2-Nitrophenol	47.8		1	1.80	5.00	ug/L	10/30/25 12:58	PB170286
105-67-9	2,4-Dimethylphenol	45.1		1	1.90	5.00	ug/L	10/30/25 12:58	PB170286
111-91-1	bis(2-Chloroethoxy)methane	38.1		1	0.68	5.00	ug/L	10/30/25 12:58	PB170286
120-83-2	2,4-Dichlorophenol	44.2		1	0.52	5.00	ug/L	10/30/25 12:58	PB170286
91-20-3	Naphthalene	38.0		1	0.50	5.00	ug/L	10/30/25 12:58	PB170286
106-47-8	4-Chloroaniline	19.7		1	0.84	5.00	ug/L	10/30/25 12:58	PB170286
87-68-3	Hexachlorobutadiene	40.7		1	0.54	5.00	ug/L	10/30/25 12:58	PB170286
105-60-2	Caprolactam	39.1		1	1.10	10.0	ug/L	10/30/25 12:58	PB170286
59-50-7	4-Chloro-3-methylphenol	41.8		1	0.59	5.00	ug/L	10/30/25 12:58	PB170286
91-57-6	2-Methylnaphthalene	34.6		1	0.56	5.00	ug/L	10/30/25 12:58	PB170286
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	10/30/25 12:58	PB170286
88-06-2	2,4,6-Trichlorophenol	47.1		1	0.51	5.00	ug/L	10/30/25 12:58	PB170286
95-95-4	2,4,5-Trichlorophenol	44.9		1	0.62	5.00	ug/L	10/30/25 12:58	PB170286
92-52-4	1,1-Biphenyl	42.2		1	0.53	5.00	ug/L	10/30/25 12:58	PB170286
91-58-7	2-Chloronaphthalene	39.4		1	0.61	5.00	ug/L	10/30/25 12:58	PB170286
88-74-4	2-Nitroaniline	45.5		1	1.30	5.00	ug/L	10/30/25 12:58	PB170286
131-11-3	Dimethylphthalate	40.5		1	0.61	5.00	ug/L	10/30/25 12:58	PB170286
208-96-8	Acenaphthylene	44.6		1	0.75	5.00	ug/L	10/30/25 12:58	PB170286
606-20-2	2,6-Dinitrotoluene	50.0		1	0.92	5.00	ug/L	10/30/25 12:58	PB170286
99-09-2	3-Nitroaniline	33.5		1	1.10	5.00	ug/L	10/30/25 12:58	PB170286
83-32-9	Acenaphthene	45.1		1	0.55	5.00	ug/L	10/30/25 12:58	PB170286
51-28-5	2,4-Dinitrophenol	110	E	1	6.00	10.0	ug/L	10/30/25 12:58	PB170286
100-02-7	4-Nitrophenol	95.8	E	1	2.40	10.0	ug/L	10/30/25 12:58	PB170286
132-64-9	Dibenzofuran	40.5		1	0.61	5.00	ug/L	10/30/25 12:58	PB170286
121-14-2	2,4-Dinitrotoluene	48.4		1	1.20	5.00	ug/L	10/30/25 12:58	PB170286
84-66-2	Diethylphthalate	39.9		1	0.69	5.00	ug/L	10/30/25 12:58	PB170286
7005-72-3	4-Chlorophenyl-phenylether	40.7		1	0.68	5.00	ug/L	10/30/25 12:58	PB170286
86-73-7	Fluorene	41.0		1	0.63	5.00	ug/L	10/30/25 12:58	PB170286
100-01-6	4-Nitroaniline	47.7		1	1.50	5.00	ug/L	10/30/25 12:58	PB170286
534-52-1	4,6-Dinitro-2-methylphenol	53.3		1	2.90	10.0	ug/L	10/30/25 12:58	PB170286

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Report of Analysis

Client:	AECOM			Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206			Date Received:	
Client Sample ID:	PB170286BS			SDG No.:	Q3434
Lab Sample ID:	PB170286BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C	Prep Date:	10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	41.6		1	0.58	5.00	ug/L	10/30/25 12:58	PB170286
101-55-3	4-Bromophenyl-phenylether	41.5		1	0.40	5.00	ug/L	10/30/25 12:58	PB170286
118-74-1	Hexachlorobenzene	41.8		1	0.52	5.00	ug/L	10/30/25 12:58	PB170286
1912-24-9	Atrazine	42.1		1	1.00	5.00	ug/L	10/30/25 12:58	PB170286
87-86-5	Pentachlorophenol	93.8	E	1	1.60	10.0	ug/L	10/30/25 12:58	PB170286
85-01-8	Phenanthrene	40.4		1	0.50	5.00	ug/L	10/30/25 12:58	PB170286
120-12-7	Anthracene	40.2		1	0.61	5.00	ug/L	10/30/25 12:58	PB170286
86-74-8	Carbazole	41.3		1	0.72	5.00	ug/L	10/30/25 12:58	PB170286
84-74-2	Di-n-butylphthalate	39.4		1	1.20	5.00	ug/L	10/30/25 12:58	PB170286
206-44-0	Fluoranthene	41.6		1	0.82	5.00	ug/L	10/30/25 12:58	PB170286
129-00-0	Pyrene	38.0		1	0.50	5.00	ug/L	10/30/25 12:58	PB170286
85-68-7	Butylbenzylphthalate	43.4		1	1.90	5.00	ug/L	10/30/25 12:58	PB170286
91-94-1	3,3-Dichlorobenzidine	30.5		1	0.93	10.0	ug/L	10/30/25 12:58	PB170286
56-55-3	Benzo(a)anthracene	40.7		1	0.45	5.00	ug/L	10/30/25 12:58	PB170286
218-01-9	Chrysene	40.2		1	0.44	5.00	ug/L	10/30/25 12:58	PB170286
117-81-7	Bis(2-ethylhexyl)phthalate	42.9		1	1.60	5.00	ug/L	10/30/25 12:58	PB170286
117-84-0	Di-n-octyl phthalate	44.5		1	2.30	10.0	ug/L	10/30/25 12:58	PB170286
205-99-2	Benzo(b)fluoranthene	43.3		1	0.49	5.00	ug/L	10/30/25 12:58	PB170286
207-08-9	Benzo(k)fluoranthene	43.1		1	0.48	5.00	ug/L	10/30/25 12:58	PB170286
50-32-8	Benzo(a)pyrene	45.1		1	0.55	5.00	ug/L	10/30/25 12:58	PB170286
193-39-5	Indeno(1,2,3-cd)pyrene	43.3		1	0.59	5.00	ug/L	10/30/25 12:58	PB170286
53-70-3	Dibenzo(a,h)anthracene	43.7		1	0.67	5.00	ug/L	10/30/25 12:58	PB170286
191-24-2	Benzo(g,h,i)perylene	45.2		1	0.69	5.00	ug/L	10/30/25 12:58	PB170286
95-94-3	1,2,4,5-Tetrachlorobenzene	43.1		1	0.52	5.00	ug/L	10/30/25 12:58	PB170286
123-91-1	1,4-Dioxane	30.4		1	1.00	5.00	ug/L	10/30/25 12:58	PB170286
58-90-2	2,3,4,6-Tetrachlorophenol	50.0		1	0.72	5.00	ug/L	10/30/25 12:58	PB170286
SURROGATES									
367-12-4	2-Fluorophenol	121			23 - 138	81%	SPK: 150		
13127-88-3	Phenol-d6	116			10 - 134	78%	SPK: 150		
4165-60-0	Nitrobenzene-d5	93.9			67 - 132	94%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.9			52 - 132	80%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	144			44 - 137	96%	SPK: 150		
1718-51-0	Terphenyl-d14	79.5			42 - 152	79%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	30800							
1146-65-2	Naphthalene-d8	125000							
15067-26-2	Acenaphthene-d10	97000							
1517-22-2	Phenanthrene-d10	243000							
1719-03-5	Chrysene-d12	288000							
1520-96-3	Perylene-d12	302000							

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170286BS	SDG No.:	Q3434
Lab Sample ID:	PB170286BS	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

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Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170286BSD	SDG No.:	Q3434
Lab Sample ID:	PB170286BSD	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	12.8		1	3.90	10.0	ug/L	10/30/25 13:39	PB170286
108-95-2	Phenol	40.5		1	0.91	5.00	ug/L	10/30/25 13:39	PB170286
111-44-4	bis(2-Chloroethyl)ether	36.7		1	0.81	5.00	ug/L	10/30/25 13:39	PB170286
95-57-8	2-Chlorophenol	42.6		1	0.58	5.00	ug/L	10/30/25 13:39	PB170286
95-48-7	2-Methylphenol	41.6		1	1.10	5.00	ug/L	10/30/25 13:39	PB170286
108-60-1	2,2-oxybis(1-Chloropropane)	36.9		1	1.30	5.00	ug/L	10/30/25 13:39	PB170286
98-86-2	Acetophenone	42.7		1	0.74	5.00	ug/L	10/30/25 13:39	PB170286
65794-96-9	3+4-Methylphenols	40.6		1	1.10	10.0	ug/L	10/30/25 13:39	PB170286
621-64-7	n-Nitroso-di-n-propylamine	40.3		1	1.40	2.50	ug/L	10/30/25 13:39	PB170286
67-72-1	Hexachloroethane	42.4		1	0.65	5.00	ug/L	10/30/25 13:39	PB170286
98-95-3	Nitrobenzene	45.1		1	0.76	5.00	ug/L	10/30/25 13:39	PB170286
78-59-1	Isophorone	39.1		1	0.75	5.00	ug/L	10/30/25 13:39	PB170286
88-75-5	2-Nitrophenol	51.5		1	1.80	5.00	ug/L	10/30/25 13:39	PB170286
105-67-9	2,4-Dimethylphenol	47.6		1	1.90	5.00	ug/L	10/30/25 13:39	PB170286
111-91-1	bis(2-Chloroethoxy)methane	39.6		1	0.68	5.00	ug/L	10/30/25 13:39	PB170286
120-83-2	2,4-Dichlorophenol	45.9		1	0.52	5.00	ug/L	10/30/25 13:39	PB170286
91-20-3	Naphthalene	39.4		1	0.50	5.00	ug/L	10/30/25 13:39	PB170286
106-47-8	4-Chloroaniline	21.2		1	0.84	5.00	ug/L	10/30/25 13:39	PB170286
87-68-3	Hexachlorobutadiene	43.1		1	0.54	5.00	ug/L	10/30/25 13:39	PB170286
105-60-2	Caprolactam	40.3		1	1.10	10.0	ug/L	10/30/25 13:39	PB170286
59-50-7	4-Chloro-3-methylphenol	43.6		1	0.59	5.00	ug/L	10/30/25 13:39	PB170286
91-57-6	2-Methylnaphthalene	36.4		1	0.56	5.00	ug/L	10/30/25 13:39	PB170286
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	10/30/25 13:39	PB170286
88-06-2	2,4,6-Trichlorophenol	46.3		1	0.51	5.00	ug/L	10/30/25 13:39	PB170286
95-95-4	2,4,5-Trichlorophenol	44.9		1	0.62	5.00	ug/L	10/30/25 13:39	PB170286
92-52-4	1,1-Biphenyl	41.0		1	0.53	5.00	ug/L	10/30/25 13:39	PB170286
91-58-7	2-Chloronaphthalene	38.9		1	0.61	5.00	ug/L	10/30/25 13:39	PB170286
88-74-4	2-Nitroaniline	45.9		1	1.30	5.00	ug/L	10/30/25 13:39	PB170286
131-11-3	Dimethylphthalate	40.2		1	0.61	5.00	ug/L	10/30/25 13:39	PB170286
208-96-8	Acenaphthylene	44.5		1	0.75	5.00	ug/L	10/30/25 13:39	PB170286
606-20-2	2,6-Dinitrotoluene	49.0		1	0.92	5.00	ug/L	10/30/25 13:39	PB170286
99-09-2	3-Nitroaniline	33.1		1	1.10	5.00	ug/L	10/30/25 13:39	PB170286
83-32-9	Acenaphthene	45.3		1	0.55	5.00	ug/L	10/30/25 13:39	PB170286
51-28-5	2,4-Dinitrophenol	110	E	1	6.00	10.0	ug/L	10/30/25 13:39	PB170286
100-02-7	4-Nitrophenol	95.8	E	1	2.40	10.0	ug/L	10/30/25 13:39	PB170286
132-64-9	Dibenzofuran	39.8		1	0.61	5.00	ug/L	10/30/25 13:39	PB170286
121-14-2	2,4-Dinitrotoluene	47.9		1	1.20	5.00	ug/L	10/30/25 13:39	PB170286
84-66-2	Diethylphthalate	38.7		1	0.69	5.00	ug/L	10/30/25 13:39	PB170286
7005-72-3	4-Chlorophenyl-phenylether	40.1		1	0.68	5.00	ug/L	10/30/25 13:39	PB170286
86-73-7	Fluorene	40.0		1	0.63	5.00	ug/L	10/30/25 13:39	PB170286
100-01-6	4-Nitroaniline	47.3		1	1.50	5.00	ug/L	10/30/25 13:39	PB170286
534-52-1	4,6-Dinitro-2-methylphenol	55.1		1	2.90	10.0	ug/L	10/30/25 13:39	PB170286

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Report of Analysis

Client:	AECOM			Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206			Date Received:	
Client Sample ID:	PB170286BSD			SDG No.:	Q3434
Lab Sample ID:	PB170286BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C	Prep Date:	10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	41.8		1	0.58	5.00	ug/L	10/30/25 13:39	PB170286
101-55-3	4-Bromophenyl-phenylether	41.3		1	0.40	5.00	ug/L	10/30/25 13:39	PB170286
118-74-1	Hexachlorobenzene	41.3		1	0.52	5.00	ug/L	10/30/25 13:39	PB170286
1912-24-9	Atrazine	42.2		1	1.00	5.00	ug/L	10/30/25 13:39	PB170286
87-86-5	Pentachlorophenol	93.3	E	1	1.60	10.0	ug/L	10/30/25 13:39	PB170286
85-01-8	Phenanthrene	40.3		1	0.50	5.00	ug/L	10/30/25 13:39	PB170286
120-12-7	Anthracene	40.1		1	0.61	5.00	ug/L	10/30/25 13:39	PB170286
86-74-8	Carbazole	41.3		1	0.72	5.00	ug/L	10/30/25 13:39	PB170286
84-74-2	Di-n-butylphthalate	39.2		1	1.20	5.00	ug/L	10/30/25 13:39	PB170286
206-44-0	Fluoranthene	41.3		1	0.82	5.00	ug/L	10/30/25 13:39	PB170286
129-00-0	Pyrene	37.9		1	0.50	5.00	ug/L	10/30/25 13:39	PB170286
85-68-7	Butylbenzylphthalate	43.3		1	1.90	5.00	ug/L	10/30/25 13:39	PB170286
91-94-1	3,3-Dichlorobenzidine	31.1		1	0.93	10.0	ug/L	10/30/25 13:39	PB170286
56-55-3	Benzo(a)anthracene	40.7		1	0.45	5.00	ug/L	10/30/25 13:39	PB170286
218-01-9	Chrysene	40.5		1	0.44	5.00	ug/L	10/30/25 13:39	PB170286
117-81-7	Bis(2-ethylhexyl)phthalate	42.3		1	1.60	5.00	ug/L	10/30/25 13:39	PB170286
117-84-0	Di-n-octyl phthalate	44.3		1	2.30	10.0	ug/L	10/30/25 13:39	PB170286
205-99-2	Benzo(b)fluoranthene	43.9		1	0.49	5.00	ug/L	10/30/25 13:39	PB170286
207-08-9	Benzo(k)fluoranthene	43.0		1	0.48	5.00	ug/L	10/30/25 13:39	PB170286
50-32-8	Benzo(a)pyrene	44.8		1	0.55	5.00	ug/L	10/30/25 13:39	PB170286
193-39-5	Indeno(1,2,3-cd)pyrene	43.3		1	0.59	5.00	ug/L	10/30/25 13:39	PB170286
53-70-3	Dibenzo(a,h)anthracene	44.4		1	0.67	5.00	ug/L	10/30/25 13:39	PB170286
191-24-2	Benzo(g,h,i)perylene	44.6		1	0.69	5.00	ug/L	10/30/25 13:39	PB170286
95-94-3	1,2,4,5-Tetrachlorobenzene	42.2		1	0.52	5.00	ug/L	10/30/25 13:39	PB170286
123-91-1	1,4-Dioxane	31.6		1	1.00	5.00	ug/L	10/30/25 13:39	PB170286
58-90-2	2,3,4,6-Tetrachlorophenol	49.8		1	0.72	5.00	ug/L	10/30/25 13:39	PB170286
SURROGATES									
367-12-4	2-Fluorophenol	122			23 - 138	82%	SPK: 150		
13127-88-3	Phenol-d6	122			10 - 134	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	97.0			67 - 132	97%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.8			52 - 132	80%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	143			44 - 137	95%	SPK: 150		
1718-51-0	Terphenyl-d14	80.6			42 - 152	81%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	30200							
1146-65-2	Naphthalene-d8	122000							
15067-26-2	Acenaphthene-d10	101000							
1517-22-2	Phenanthrene-d10	246000							
1719-03-5	Chrysene-d12	289000							
1520-96-3	Perylene-d12	302000							

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Report of Analysis

Client:	AECOM			Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206			Date Received:	
Client Sample ID:	PB170286BSD			SDG No.:	Q3434
Lab Sample ID:	PB170286BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C	Prep Date:	10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

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Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-20251021MS	SDG No.:	Q3434
Lab Sample ID:	Q3419-02MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	54.4
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2100		1	290	610	ug/Kg	10/29/25 17:34	PB170215
108-95-2	Phenol	3000		1	40.6	310	ug/Kg	10/29/25 17:34	PB170215
111-44-4	bis(2-Chloroethyl)ether	2800		1	44.6	310	ug/Kg	10/29/25 17:34	PB170215
95-57-8	2-Chlorophenol	3200		1	44.8	310	ug/Kg	10/29/25 17:34	PB170215
95-48-7	2-Methylphenol	3100		1	54.9	310	ug/Kg	10/29/25 17:34	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	2800		1	68.9	310	ug/Kg	10/29/25 17:34	PB170215
98-86-2	Acetophenone	3300		1	54.2	310	ug/Kg	10/29/25 17:34	PB170215
65794-96-9	3+4-Methylphenols	3000		1	75.5	610	ug/Kg	10/29/25 17:34	PB170215
621-64-7	n-Nitroso-di-n-propylamine	3000		1	87.0	150	ug/Kg	10/29/25 17:34	PB170215
67-72-1	Hexachloroethane	3200		1	32.3	310	ug/Kg	10/29/25 17:34	PB170215
98-95-3	Nitrobenzene	3400		1	33.6	310	ug/Kg	10/29/25 17:34	PB170215
78-59-1	Isophorone	3000		1	60.2	310	ug/Kg	10/29/25 17:34	PB170215
88-75-5	2-Nitrophenol	3800		1	110	310	ug/Kg	10/29/25 17:34	PB170215
105-67-9	2,4-Dimethylphenol	3500		1	120	310	ug/Kg	10/29/25 17:34	PB170215
111-91-1	bis(2-Chloroethoxy)methane	2900		1	56.6	310	ug/Kg	10/29/25 17:34	PB170215
120-83-2	2,4-Dichlorophenol	3500		1	52.0	310	ug/Kg	10/29/25 17:34	PB170215
91-20-3	Naphthalene	3000		1	41.7	310	ug/Kg	10/29/25 17:34	PB170215
106-47-8	4-Chloroaniline	1300		1	65.0	310	ug/Kg	10/29/25 17:34	PB170215
87-68-3	Hexachlorobutadiene	3200		1	46.5	310	ug/Kg	10/29/25 17:34	PB170215
105-60-2	Caprolactam	3100		1	95.7	610	ug/Kg	10/29/25 17:34	PB170215
59-50-7	4-Chloro-3-methylphenol	3200		1	52.7	310	ug/Kg	10/29/25 17:34	PB170215
91-57-6	2-Methylnaphthalene	2800		1	47.0	310	ug/Kg	10/29/25 17:34	PB170215
77-47-4	Hexachlorocyclopentadiene	9500	E	1	210	610	ug/Kg	10/29/25 17:34	PB170215
88-06-2	2,4,6-Trichlorophenol	3600		1	36.4	310	ug/Kg	10/29/25 17:34	PB170215
95-95-4	2,4,5-Trichlorophenol	3400		1	53.4	310	ug/Kg	10/29/25 17:34	PB170215
92-52-4	1,1-Biphenyl	3400		1	40.0	310	ug/Kg	10/29/25 17:34	PB170215
91-58-7	2-Chloronaphthalene	3100		1	41.3	310	ug/Kg	10/29/25 17:34	PB170215
88-74-4	2-Nitroaniline	3400		1	88.3	310	ug/Kg	10/29/25 17:34	PB170215
131-11-3	Dimethylphthalate	3100		1	49.8	310	ug/Kg	10/29/25 17:34	PB170215
208-96-8	Acenaphthylene	3500		1	53.1	310	ug/Kg	10/29/25 17:34	PB170215
606-20-2	2,6-Dinitrotoluene	3700		1	61.7	310	ug/Kg	10/29/25 17:34	PB170215
99-09-2	3-Nitroaniline	2500		1	84.5	310	ug/Kg	10/29/25 17:34	PB170215
83-32-9	Acenaphthene	3500		1	39.1	310	ug/Kg	10/29/25 17:34	PB170215
51-28-5	2,4-Dinitrophenol	8100	E	1	420	610	ug/Kg	10/29/25 17:34	PB170215
100-02-7	4-Nitrophenol	7500	E	1	200	610	ug/Kg	10/29/25 17:34	PB170215
132-64-9	Dibenzofuran	3100		1	41.7	310	ug/Kg	10/29/25 17:34	PB170215
121-14-2	2,4-Dinitrotoluene	3600		1	92.0	310	ug/Kg	10/29/25 17:34	PB170215
84-66-2	Diethylphthalate	3100		1	52.0	310	ug/Kg	10/29/25 17:34	PB170215
7005-72-3	4-Chlorophenyl-phenylether	3100		1	49.0	310	ug/Kg	10/29/25 17:34	PB170215
86-73-7	Fluorene	3100		1	46.5	310	ug/Kg	10/29/25 17:34	PB170215
100-01-6	4-Nitroaniline	3600		1	120	310	ug/Kg	10/29/25 17:34	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	4000		1	190	610	ug/Kg	10/29/25 17:34	PB170215

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Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-20251021MS	SDG No.:	Q3434
Lab Sample ID:	Q3419-02MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	54.4
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3100		1	60.4	310	ug/Kg	10/29/25 17:34	PB170215
101-55-3	4-Bromophenyl-phenylether	3200		1	51.1	310	ug/Kg	10/29/25 17:34	PB170215
118-74-1	Hexachlorobenzene	3200		1	46.5	310	ug/Kg	10/29/25 17:34	PB170215
1912-24-9	Atrazine	3400		1	62.4	310	ug/Kg	10/29/25 17:34	PB170215
87-86-5	Pentachlorophenol	7000	E	1	94.2	610	ug/Kg	10/29/25 17:34	PB170215
85-01-8	Phenanthrene	3100		1	38.4	310	ug/Kg	10/29/25 17:34	PB170215
120-12-7	Anthracene	3100		1	61.2	310	ug/Kg	10/29/25 17:34	PB170215
86-74-8	Carbazole	3100		1	57.3	310	ug/Kg	10/29/25 17:34	PB170215
84-74-2	Di-n-butylphthalate	3200		1	88.0	310	ug/Kg	10/29/25 17:34	PB170215
206-44-0	Fluoranthene	3100		1	55.1	310	ug/Kg	10/29/25 17:34	PB170215
129-00-0	Pyrene	2900		1	66.1	310	ug/Kg	10/29/25 17:34	PB170215
85-68-7	Butylbenzylphthalate	3500		1	130	310	ug/Kg	10/29/25 17:34	PB170215
91-94-1	3,3-Dichlorobenzidine	1700		1	67.4	610	ug/Kg	10/29/25 17:34	PB170215
56-55-3	Benzo(a)anthracene	3100		1	42.2	310	ug/Kg	10/29/25 17:34	PB170215
218-01-9	Chrysene	3100		1	36.5	310	ug/Kg	10/29/25 17:34	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	3400		1	110	310	ug/Kg	10/29/25 17:34	PB170215
117-84-0	Di-n-octyl phthalate	3500		1	160	610	ug/Kg	10/29/25 17:34	PB170215
205-99-2	Benzo(b)fluoranthene	3100		1	34.9	310	ug/Kg	10/29/25 17:34	PB170215
207-08-9	Benzo(k)fluoranthene	3200		1	41.1	310	ug/Kg	10/29/25 17:34	PB170215
50-32-8	Benzo(a)pyrene	3200		1	54.2	310	ug/Kg	10/29/25 17:34	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	3100		1	53.4	310	ug/Kg	10/29/25 17:34	PB170215
53-70-3	Dibenzo(a,h)anthracene	3200		1	50.3	310	ug/Kg	10/29/25 17:34	PB170215
191-24-2	Benzo(g,h,i)perylene	3200		1	47.2	310	ug/Kg	10/29/25 17:34	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	3500		1	47.0	310	ug/Kg	10/29/25 17:34	PB170215
123-91-1	1,4-Dioxane	2500		1	83.0	310	ug/Kg	10/29/25 17:34	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	3800		1	50.3	310	ug/Kg	10/29/25 17:34	PB170215
SURROGATES									
367-12-4	2-Fluorophenol	95.5			18 - 112	64%	SPK: 150		
13127-88-3	Phenol-d6	99.7			15 - 107	66%	SPK: 150		
4165-60-0	Nitrobenzene-d5	76.9			18 - 107	77%	SPK: 100		
321-60-8	2-Fluorobiphenyl	60.3			20 - 109	60%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	123			10 - 116	82%	SPK: 150		
1718-51-0	Terphenyl-d14	60.4			10 - 105	60%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	30500							
1146-65-2	Naphthalene-d8	121000							
15067-26-2	Acenaphthene-d10	93600							
1517-22-2	Phenanthrene-d10	230000							
1719-03-5	Chrysene-d12	272000							
1520-96-3	Perylene-d12	297000							

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Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-20251021MS	SDG No.:	Q3434
Lab Sample ID:	Q3419-02MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	54.4
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

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Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-20251021MSD	SDG No.:	Q3434
Lab Sample ID:	Q3419-03MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	54.4
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2100		1	290	610	ug/Kg	10/29/25 18:15	PB170215
108-95-2	Phenol	2900		1	40.6	310	ug/Kg	10/29/25 18:15	PB170215
111-44-4	bis(2-Chloroethyl)ether	2600		1	44.6	310	ug/Kg	10/29/25 18:15	PB170215
95-57-8	2-Chlorophenol	3000		1	44.8	310	ug/Kg	10/29/25 18:15	PB170215
95-48-7	2-Methylphenol	2900		1	54.9	310	ug/Kg	10/29/25 18:15	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	2700		1	68.8	310	ug/Kg	10/29/25 18:15	PB170215
98-86-2	Acetophenone	3100		1	54.1	310	ug/Kg	10/29/25 18:15	PB170215
65794-96-9	3+4-Methylphenols	2900		1	75.4	610	ug/Kg	10/29/25 18:15	PB170215
621-64-7	n-Nitroso-di-n-propylamine	2700		1	87.0	150	ug/Kg	10/29/25 18:15	PB170215
67-72-1	Hexachloroethane	3000		1	32.3	310	ug/Kg	10/29/25 18:15	PB170215
98-95-3	Nitrobenzene	3300		1	33.6	310	ug/Kg	10/29/25 18:15	PB170215
78-59-1	Isophorone	2800		1	60.2	310	ug/Kg	10/29/25 18:15	PB170215
88-75-5	2-Nitrophenol	3800		1	110	310	ug/Kg	10/29/25 18:15	PB170215
105-67-9	2,4-Dimethylphenol	3400		1	120	310	ug/Kg	10/29/25 18:15	PB170215
111-91-1	bis(2-Chloroethoxy)methane	2800		1	56.5	310	ug/Kg	10/29/25 18:15	PB170215
120-83-2	2,4-Dichlorophenol	3300		1	51.9	310	ug/Kg	10/29/25 18:15	PB170215
91-20-3	Naphthalene	2900		1	41.7	310	ug/Kg	10/29/25 18:15	PB170215
106-47-8	4-Chloroaniline	1200		1	65.0	310	ug/Kg	10/29/25 18:15	PB170215
87-68-3	Hexachlorobutadiene	3100		1	46.4	310	ug/Kg	10/29/25 18:15	PB170215
105-60-2	Caprolactam	2800		1	95.6	610	ug/Kg	10/29/25 18:15	PB170215
59-50-7	4-Chloro-3-methylphenol	3100		1	52.7	310	ug/Kg	10/29/25 18:15	PB170215
91-57-6	2-Methylnaphthalene	2700		1	47.0	310	ug/Kg	10/29/25 18:15	PB170215
77-47-4	Hexachlorocyclopentadiene	8900	E	1	210	610	ug/Kg	10/29/25 18:15	PB170215
88-06-2	2,4,6-Trichlorophenol	3500		1	36.3	310	ug/Kg	10/29/25 18:15	PB170215
95-95-4	2,4,5-Trichlorophenol	3400		1	53.4	310	ug/Kg	10/29/25 18:15	PB170215
92-52-4	1,1-Biphenyl	3300		1	40.0	310	ug/Kg	10/29/25 18:15	PB170215
91-58-7	2-Chloronaphthalene	3000		1	41.3	310	ug/Kg	10/29/25 18:15	PB170215
88-74-4	2-Nitroaniline	3300		1	88.3	310	ug/Kg	10/29/25 18:15	PB170215
131-11-3	Dimethylphthalate	2900		1	49.7	310	ug/Kg	10/29/25 18:15	PB170215
208-96-8	Acenaphthylene	3300		1	53.0	310	ug/Kg	10/29/25 18:15	PB170215
606-20-2	2,6-Dinitrotoluene	3600		1	61.7	310	ug/Kg	10/29/25 18:15	PB170215
99-09-2	3-Nitroaniline	2400		1	84.4	310	ug/Kg	10/29/25 18:15	PB170215
83-32-9	Acenaphthene	3400		1	39.1	310	ug/Kg	10/29/25 18:15	PB170215
51-28-5	2,4-Dinitrophenol	7800	E	1	420	610	ug/Kg	10/29/25 18:15	PB170215
100-02-7	4-Nitrophenol	6900	E	1	200	610	ug/Kg	10/29/25 18:15	PB170215
132-64-9	Dibenzofuran	2900		1	41.7	310	ug/Kg	10/29/25 18:15	PB170215
121-14-2	2,4-Dinitrotoluene	3300		1	91.9	310	ug/Kg	10/29/25 18:15	PB170215
84-66-2	Diethylphthalate	2900		1	51.9	310	ug/Kg	10/29/25 18:15	PB170215
7005-72-3	4-Chlorophenyl-phenylether	3000		1	49.0	310	ug/Kg	10/29/25 18:15	PB170215
86-73-7	Fluorene	3000		1	46.4	310	ug/Kg	10/29/25 18:15	PB170215
100-01-6	4-Nitroaniline	3500		1	120	310	ug/Kg	10/29/25 18:15	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	3900		1	190	610	ug/Kg	10/29/25 18:15	PB170215

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Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-20251021MSD	SDG No.:	Q3434
Lab Sample ID:	Q3419-03MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	54.4
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3100		1	60.4	310	ug/Kg	10/29/25 18:15	PB170215
101-55-3	4-Bromophenyl-phenylether	3000		1	51.0	310	ug/Kg	10/29/25 18:15	PB170215
118-74-1	Hexachlorobenzene	3100		1	46.4	310	ug/Kg	10/29/25 18:15	PB170215
1912-24-9	Atrazine	3300		1	62.4	310	ug/Kg	10/29/25 18:15	PB170215
87-86-5	Pentachlorophenol	6800	E	1	94.1	610	ug/Kg	10/29/25 18:15	PB170215
85-01-8	Phenanthrene	3000		1	38.4	310	ug/Kg	10/29/25 18:15	PB170215
120-12-7	Anthracene	2900		1	61.1	310	ug/Kg	10/29/25 18:15	PB170215
86-74-8	Carbazole	3000		1	57.3	310	ug/Kg	10/29/25 18:15	PB170215
84-74-2	Di-n-butylphthalate	3100		1	87.9	310	ug/Kg	10/29/25 18:15	PB170215
206-44-0	Fluoranthene	3100		1	55.1	310	ug/Kg	10/29/25 18:15	PB170215
129-00-0	Pyrene	2700		1	66.1	310	ug/Kg	10/29/25 18:15	PB170215
85-68-7	Butylbenzylphthalate	3400		1	130	310	ug/Kg	10/29/25 18:15	PB170215
91-94-1	3,3-Dichlorobenzidine	1700		1	67.4	610	ug/Kg	10/29/25 18:15	PB170215
56-55-3	Benzo(a)anthracene	3000		1	42.2	310	ug/Kg	10/29/25 18:15	PB170215
218-01-9	Chrysene	2900		1	36.5	310	ug/Kg	10/29/25 18:15	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	3400		1	110	310	ug/Kg	10/29/25 18:15	PB170215
117-84-0	Di-n-octyl phthalate	3300		1	160	610	ug/Kg	10/29/25 18:15	PB170215
205-99-2	Benzo(b)fluoranthene	3000		1	34.9	310	ug/Kg	10/29/25 18:15	PB170215
207-08-9	Benzo(k)fluoranthene	3000		1	41.1	310	ug/Kg	10/29/25 18:15	PB170215
50-32-8	Benzo(a)pyrene	3100		1	54.1	310	ug/Kg	10/29/25 18:15	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	3000		1	53.4	310	ug/Kg	10/29/25 18:15	PB170215
53-70-3	Dibenzo(a,h)anthracene	3000		1	50.3	310	ug/Kg	10/29/25 18:15	PB170215
191-24-2	Benzo(g,h,i)perylene	3100		1	47.2	310	ug/Kg	10/29/25 18:15	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	3400		1	47.0	310	ug/Kg	10/29/25 18:15	PB170215
123-91-1	1,4-Dioxane	2300		1	83.0	310	ug/Kg	10/29/25 18:15	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	3600		1	50.3	310	ug/Kg	10/29/25 18:15	PB170215
SURROGATES									
367-12-4	2-Fluorophenol	92.9			18 - 112	62%	SPK: 150		
13127-88-3	Phenol-d6	92.6			15 - 107	62%	SPK: 150		
4165-60-0	Nitrobenzene-d5	74.9			18 - 107	75%	SPK: 100		
321-60-8	2-Fluorobiphenyl	58.4			20 - 109	58%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	118			10 - 116	79%	SPK: 150		
1718-51-0	Terphenyl-d14	57.1			10 - 105	57%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	31800							
1146-65-2	Naphthalene-d8	125000							
15067-26-2	Acenaphthene-d10	95000							
1517-22-2	Phenanthrene-d10	231000							
1719-03-5	Chrysene-d12	282000							
1520-96-3	Perylene-d12	309000							

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Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-20251021MSD	SDG No.:	Q3434
Lab Sample ID:	Q3419-03MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	54.4
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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

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

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 17:30:25 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF144056.D 5 =BF144057.D 10 =BF144058.D 20 =BF144059.D 40 =BF144060.D 50 =BF144061.D 60 =BF144064.D 80 =BF1440
63.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.723	0.494	0.485	0.550	0.519	0.572	0.481	0.546	15.58
3)		Pyridine		1.395	1.384	1.530	1.527	1.427	1.604	1.370	1.462	6.19
4)		n-Nitrosodimet...			0.805	0.963	0.912	0.835	1.017	0.860	0.899	8.98
5)	S	2-Fluorophenol		1.324	1.322	1.328	1.303	1.163	1.322	1.087	1.264	7.76
6)		Aniline		2.173	2.152	2.106	2.016	1.809	2.050	1.675	1.997	9.36
7)	S	Phenol-d6		1.548	1.443	1.481	1.408	1.289	1.412	1.193	1.396	8.56
8)		2-Chlorophenol		1.398	1.310	1.306	1.251	1.124	1.258	1.067	1.245	9.17
9)		Benzaldehyde			1.093	0.965	1.043	0.959	1.406	1.039	1.084	15.28
10)	C	Phenol		1.896	1.860	1.820	1.736	1.575	1.725	1.445	1.722	9.41
11)		bis(2-Chloroet...		1.406	1.278	1.285	1.248	1.128	1.285	1.082	1.245	8.72
12)		1,3-Dichlorobe...		1.681	1.582	1.640	1.565	1.415	1.566	1.300	1.536	8.66
13)	C	1,4-Dichlorobe...		1.645	1.567	1.592	1.551	1.371	1.575	1.295	1.513	8.52
14)		1,2-Dichlorobe...		1.588	1.548	1.534	1.480	1.355	1.520	1.225	1.464	8.81
15)		Benzyl Alcohol			1.129	1.234	1.145	1.056	1.222	1.025	1.135	7.47
16)		2,2'-oxybis(1-...		2.561	2.432	2.505	2.376	2.149	2.313	2.038	2.339	8.08
17)		2-Methylphenol		1.052	1.010	1.032	0.931	0.874	0.981	0.823	0.957	8.89
18)		Hexachloroethane		0.553	0.544	0.569	0.544	0.506	0.595	0.477	0.541	7.21
19)	P	n-Nitroso-di-n...	0.900	0.971	0.972	0.949	0.876	0.801	0.943	0.809	0.903	7.60
20)		3+4-Methylphenols			1.270	1.190	1.167	1.036	1.159	0.969	1.132	9.69
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.473	0.459	0.433	0.437	0.397	0.456	0.371	0.432	8.41
23)	S	Nitrobenzene-d5		0.377	0.378	0.374	0.368	0.335	0.393	0.330	0.365	6.48
24)		Nitrobenzene		0.395	0.384	0.404	0.392	0.360	0.417	0.351	0.386	6.05
25)		Isophorone		0.665	0.662	0.645	0.643	0.584	0.686	0.582	0.638	6.29
26)	C	2-Nitrophenol		0.190	0.184	0.196	0.191	0.167	0.194	0.165	0.184	6.96
27)		2,4-Dimethylph...		0.289	0.279	0.262	0.287	0.254	0.293	0.247	0.273	6.73
28)		bis(2-Chloroet...		0.430	0.408	0.413	0.404	0.365	0.416	0.351	0.398	7.25
29)	C	2,4-Dichloroph...		0.334	0.345	0.325	0.323	0.293	0.328	0.275	0.317	7.75
30)		1,2,4-Trichlor...		0.344	0.339	0.334	0.335	0.301	0.348	0.286	0.327	7.19
31)		Naphthalene		1.054	1.002	0.962	0.965	0.852	0.983	0.788	0.944	9.72
32)		Benzoic acid			0.217	0.200	0.146	0.147	0.168	0.162	0.173	16.81
33)		4-Chloroaniline		0.332	0.356	0.349	0.336	0.298	0.344	0.286	0.329	8.10
34)	C	Hexachlorobuta...		0.279	0.276	0.274	0.270	0.241	0.296	0.234	0.267	8.19
35)		Caprolactam			0.078	0.082	0.085	0.072	0.086	0.075	0.080	7.03
36)	C	4-Chloro-3-met...		0.302	0.289	0.285	0.282	0.257	0.296	0.250	0.280	6.98
37)		2-Methylnaphth...		0.718	0.654	0.631	0.644	0.549	0.637	0.524	0.622	10.55
38)		1-Methylnaphth...		0.685	0.627	0.591	0.591	0.524	0.611	0.499	0.590	10.60

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF102425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.777	0.707	0.693	0.707	0.629	0.716	0.583	0.687	9.17
41)	P	Hexachlorocycl...		0.148	0.208	0.218	0.205	0.273	0.222	0.212	18.88
42)	S	2,4,6-Tribromo...	0.251	0.249	0.256	0.262	0.241	0.289	0.236	0.255	6.77
43)	C	2,4,6-Trichlor...	0.430	0.447	0.480	0.473	0.427	0.485	0.386	0.447	7.98
44)		2,4,5-Trichlor...	0.488	0.485	0.484	0.467	0.427	0.511	0.419	0.469	7.19
45)	S	2-Fluorobiphenyl	1.654	1.503	1.411	1.451	1.291	1.473	1.164	1.421	11.04
46)		1,1'-Biphenyl	1.613	1.532	1.441	1.472	1.317	1.470	1.176	1.432	10.09
47)		2-Chloronaphth...	1.336	1.264	1.233	1.222	1.101	1.250	0.989	1.199	9.68
48)		2-Nitroaniline	0.325	0.359	0.368	0.380	0.333	0.399	0.328	0.356	8.00
49)		Acenaphthylene	1.780	1.693	1.664	1.703	1.476	1.668	1.337	1.617	9.54
50)		Dimethylphthalate	1.398	1.328	1.332	1.366	1.219	1.387	1.146	1.311	7.15
51)		2,6-Dinitrotol...	0.228	0.257	0.275	0.276	0.252	0.288	0.240	0.259	8.31
52)	C	Acenaphthene	1.125	1.153	1.134	1.114	0.999	1.122	0.914	1.080	8.21
53)		3-Nitroaniline	0.276	0.294	0.293	0.322	0.281	0.301	0.250	0.288	7.79
54)	P	2,4-Dinitrophenol		0.161	0.162	0.124	0.116	0.139	0.140	0.140	13.44
55)		Dibenzofuran	1.685	1.572	1.512	1.559	1.391	1.535	1.242	1.499	9.55
56)	P	4-Nitrophenol		0.224	0.199	0.187	0.175	0.202	0.184	0.195	8.90
57)		2,4-Dinitrotol...	0.302	0.343	0.370	0.385	0.336	0.390	0.323	0.350	9.44
58)		Fluorene	1.359	1.169	1.133	1.188	1.041	1.162	0.945	1.143	11.27
59)		2,3,4,6-Tetrac...	0.317	0.318	0.333	0.360	0.322	0.366	0.297	0.330	7.53
60)		Diethylphthalate	1.286	1.264	1.244	1.290	1.145	1.318	1.083	1.233	6.98
61)		4-Chlorophenyl...	0.706	0.667	0.656	0.675	0.591	0.674	0.529	0.643	9.49
62)		4-Nitroaniline	0.262	0.266	0.275	0.296	0.260	0.299	0.253	0.273	6.70
63)		Azobenzene	1.192	1.178	1.187	1.236	1.103	1.253	1.020	1.167	6.91
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.133	0.151	0.123	0.115	0.132	0.116	0.128	10.63
66)	c	n-Nitrosodiphe...	0.716	0.666	0.657	0.643	0.590	0.659	0.542	0.639	8.82
67)		4-Bromophenyl-...	0.274	0.256	0.247	0.260	0.230	0.270	0.215	0.250	8.52
68)		Hexachlorobenzene	0.311	0.338	0.309	0.321	0.275	0.328	0.268	0.307	8.59
69)		Atrazine	0.229	0.223	0.218	0.208	0.185	0.235	0.169	0.210	11.52
70)	C	Pentachlorophenol		0.123	0.149	0.150	0.143	0.168	0.144	0.146	9.94
71)		Phenanthrene	1.073	1.040	1.009	1.017	0.918	1.043	0.854	0.994	7.89
72)		Anthracene	1.171	1.077	1.029	1.053	0.932	1.065	0.857	1.026	10.01
73)		Carbazole	0.943	0.920	0.883	0.905	0.818	0.907	0.737	0.874	8.20
74)		Di-n-butylphth...	1.090	1.091	1.116	1.118	1.002	1.135	0.945	1.071	6.58
75)	C	Fluoranthene	1.171	1.151	1.121	1.123	0.997	1.167	0.954	1.098	7.88
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.689	0.614	0.665	0.513	0.787	0.466	0.622	18.99
78)		Pyrene	1.603	1.466	1.426	1.521	1.295	1.519	1.236	1.438	9.08
79)	S	Terphenyl-d14	1.280	1.134	1.121	1.212	1.002	1.241	1.018	1.144	9.39
80)		Butylbenzylpht...	0.508	0.542	0.566	0.601	0.494	0.595	0.501	0.544	8.25
81)		Benzo(a)anthra...	1.341	1.322	1.359	1.516	1.206	1.492	1.226	1.352	8.79
82)		3,3'-Dichlorob...		0.469	0.485	0.510	0.404	0.529	0.427	0.470	10.21
83)		Chrysene	1.330	1.263	1.253	1.319	1.179	1.366	1.170	1.268	5.93
84)		Bis(2-ethylhex...	0.745	0.725	0.761	0.795	0.690	0.813	0.670	0.743	7.01
85)	c	Di-n-octyl pht...		1.228	1.295	1.399	1.179	1.382	1.180	1.277	7.65

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF102425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.351	1.331	1.394	1.477	1.295	1.501	1.263	1.373	6.53
88)		Benzo(b)fluora...	1.134	1.108	1.153	1.264	1.055	1.151	1.050	1.131	6.39
89)		Benzo(k)fluora...	1.206	1.077	1.010	1.059	0.906	1.157	0.886	1.043	11.44
90)	C	Benzo(a)pyrene	1.049	0.990	1.036	1.089	0.942	1.086	0.909	1.014	6.88
91)		Dibenzo(a,h)an...	1.058	1.061	1.107	1.166	1.024	1.195	0.997	1.087	6.72
92)		Benzo(g,h,i)pe...	1.051	1.051	1.124	1.195	1.023	1.192	1.015	1.093	7.08

(#) = Out of Range

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 03 18:16:26 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG0645
75.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85
3)		Pyridine		1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84
4)		n-Nitrosodimet...			0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08
5)	S	2-Fluorophenol		1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09
6)		Aniline		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
7)	S	Phenol-d6		1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55
8)		2-Chlorophenol		1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65
9)		Benzaldehyde			0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09
10)	C	Phenol		1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36
11)		bis(2-Chloroet...		1.307	1.409	1.292	1.383	1.273	1.443	1.198	1.329	6.47
12)		1,3-Dichlorobe...		1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62
13)	C	1,4-Dichlorobe...		1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21
14)		1,2-Dichlorobe...		1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97
15)		Benzyl Alcohol			1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97
16)		2,2'-oxybis(1-...		3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74
17)		2-Methylphenol		1.103	1.225	1.178	1.273	1.159	1.345	1.120	1.201	7.22
18)		Hexachloroethane		0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41
19)	P	n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20)		3+4-Methylphenols			1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04
23)	S	Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02
24)		Nitrobenzene		0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64
25)		Isophorone		0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25
26)	C	2-Nitrophenol		0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20
27)		2,4-Dimethylph...		0.236	0.294	0.285	0.335	0.297	0.343	0.290	0.297	11.93
28)		bis(2-Chloroet...		0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48
29)	C	2,4-Dichloroph...		0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34
30)		1,2,4-Trichlor...		0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44
31)		Naphthalene		1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96
32)		Benzoic acid			0.142	0.164	0.223	0.215	0.260	0.237	0.207	21.74
33)		4-Chloroaniline		0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29
34)	C	Hexachlorobuta...		0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33
35)		Caprolactam			0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85
36)	C	4-Chloro-3-met...		0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18
37)		2-Methylnaphth...		0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74
38)		1-Methylnaphth...		0.798	0.849	0.776	0.853	0.752	0.878	0.735	0.806	6.85

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55
41)	P	Hexachlorocycl...		0.268	0.279	0.324	0.297	0.340	0.305	0.302	8.97
42)	S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04
43)	C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41
44)		2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48
45)	S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24
46)		1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98
47)		2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71
48)		2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06
49)		Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30
50)		Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21
51)		2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69
52)	C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63
53)		3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70
54)	P	2,4-Dinitrophenol		0.086	0.110	0.137	0.139	0.165	0.154	0.132	22.11
55)		Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96
56)	P	4-Nitrophenol		0.191	0.213	0.261	0.250	0.283	0.267	0.244	14.40
57)		2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67
58)		Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38
59)		2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04
60)		Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06
61)		4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38
62)		4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55
63)		Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.055	0.064	0.083	0.083	0.097	0.093	0.079	21.00
66)	c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79
67)		4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28
68)		Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99
69)		Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27
70)	C	Pentachlorophenol		0.132	0.152	0.180	0.172	0.199	0.177	0.169	13.91
71)		Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17
72)		Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17
73)		Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90
74)		Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11
75)	C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.392	0.475	0.490	0.416	0.533	0.383	0.448	13.40
78)		Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24
79)	S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21
80)		Butylbenzylpht...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43
81)		Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71
82)		3,3'-Dichlorob...		0.418	0.428	0.477	0.424	0.486	0.424	0.443	6.88
83)		Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76
84)		Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95
85)	c	Di-n-octyl pht...		0.871	0.932	1.087	0.976	1.117	0.986	0.995	9.32

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)		Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)		Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90)	C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)		Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)		Benzo(g,h,i)pe...	1.080	1.162	1.089	1.213	1.078	1.280	1.092	1.142	6.95

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q3434

Instrument ID: BNA_F Calibration Date/Time: 10/28/2025 13:17

Lab File ID: BF144097.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:13 16:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.303		3.1	
Benzaldehyde	1.084	1.105		1.9	
Phenol-d6	1.396	1.466		5.0	
Phenol	1.722	1.775		3.1	20.0
bis(2-Chloroethyl)ether	1.245	1.329		6.7	
2-Chlorophenol	1.245	1.300		4.4	
2-Methylphenol	0.957	1.028		7.4	
2,2-oxybis(1-Chloropropane)	2.339	2.513		7.4	
Acetophenone	0.432	0.450		4.2	
3+4-Methylphenols	1.132	1.216		7.4	
n-Nitroso-di-n-propylamine	0.903	1.004	0.050	11.2	
Nitrobenzene-d5	0.365	0.371		1.6	
Hexachloroethane	0.541	0.558		3.1	
Nitrobenzene	0.386	0.408		5.7	
Isophorone	0.638	0.714		11.9	
2-Nitrophenol	0.184	0.203		10.3	20.0
2,4-Dimethylphenol	0.273	0.303		11.0	
bis(2-Chloroethoxy)methane	0.398	0.444		11.6	
2,4-Dichlorophenol	0.317	0.338		6.6	20.0
Naphthalene	0.944	0.987		4.6	
4-Chloroaniline	0.329	0.364		10.6	
Hexachlorobutadiene	0.267	0.269		0.7	20.0
Caprolactam	0.080	0.097		21.3	
4-Chloro-3-methylphenol	0.280	0.322		15.0	20.0
2-Methylnaphthalene	0.622	0.666		7.1	
Hexachlorocyclopentadiene	0.212	0.238	0.050	12.3	
2,4,6-Trichlorophenol	0.447	0.474		6.0	20.0
2-Fluorobiphenyl	1.421	1.379		-3.0	
2,4,5-Trichlorophenol	0.469	0.522		11.3	
1,1-Biphenyl	1.432	1.391		-2.9	
2-Chloronaphthalene	1.199	1.218		1.6	
2-Nitroaniline	0.356	0.388		9.0	
Dimethylphthalate	1.311	1.432		9.2	
Acenaphthylene	1.617	1.684		4.1	
2,6-Dinitrotoluene	0.259	0.297		14.7	
3-Nitroaniline	0.288	0.326		13.2	
Acenaphthene	1.080	1.111		2.9	20.0
2,4-Dinitrophenol	0.140	0.166	0.050	18.6	
4-Nitrophenol	0.195	0.221	0.050	13.3	

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q3434

Instrument ID: BNA_F Calibration Date/Time: 10/28/2025 13:17

Lab File ID: BF144097.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:13 16:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.499	1.565		4.4	
2,4-Dinitrotoluene	0.350	0.407		16.3	
Diethylphthalate	1.233	1.355		9.9	
4-Chlorophenyl-phenylether	0.643	0.693		7.8	
Fluorene	1.143	1.207		5.6	
4-Nitroaniline	0.273	0.304		11.4	
4,6-Dinitro-2-methylphenol	0.128	0.136		6.3	
n-Nitrosodiphenylamine	0.639	0.653		2.2	20.0
2,4,6-Tribromophenol	0.255	0.287		12.5	
4-Bromophenyl-phenylether	0.250	0.266		6.4	
Hexachlorobenzene	0.307	0.322		4.9	
Atrazine	0.210	0.208		-1.0	
Pentachlorophenol	0.146	0.170		16.4	20.0
Phenanthrene	0.994	1.013		1.9	
Anthracene	1.026	1.035		0.9	
Carbazole	0.874	0.869		-0.6	
Di-n-butylphthalate	1.071	1.082		1.0	
Fluoranthene	1.098	1.000		-8.9	20.0
Pyrene	1.438	2.068		43.8	
Terphenyl-d14	1.144	1.573		37.5	
Butylbenzylphthalate	0.544	0.651		19.7	
3,3-Dichlorobenzidine	0.470	0.517		10.0	
Benzo(a)anthracene	1.352	1.480		9.5	
Chrysene	1.268	1.334		5.2	
Bis(2-ethylhexyl)phthalate	0.743	0.775		4.3	
Di-n-octyl phthalate	1.277	1.323		3.6	20.0
Benzo(b)fluoranthene	1.131	1.126		-0.4	
Benzo(k)fluoranthene	1.043	1.047		0.4	
Benzo(a)pyrene	1.014	1.094		7.9	20.0
Indeno(1,2,3-cd)pyrene	1.373	1.546		12.6	
Dibenzo(a,h)anthracene	1.087	1.218		12.1	
Benzo(g,h,i)perylene	1.093	1.265		15.7	
1,2,4,5-Tetrachlorobenzene	0.687	0.668		-2.8	
1,4-Dioxane	0.546	0.520		-4.8	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.372		12.7	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q3434

Instrument ID: BNA_F Calibration Date/Time: 10/29/2025 11:30

Lab File ID: BF144121.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:13 16:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.346		6.5	
Benzaldehyde	1.084	1.051		-3.0	
Phenol-d6	1.396	1.460		4.6	
Phenol	1.722	1.843		7.0	20.0
bis(2-Chloroethyl)ether	1.245	1.332		7.0	
2-Chlorophenol	1.245	1.284		3.1	
2-Methylphenol	0.957	1.014		6.0	
2,2-oxybis(1-Chloropropane)	2.339	2.460		5.2	
Acetophenone	0.432	0.429		-0.7	
3+4-Methylphenols	1.132	1.224		8.1	
n-Nitroso-di-n-propylamine	0.903	0.927	0.050	2.7	
Nitrobenzene-d5	0.365	0.361		-1.1	
Hexachloroethane	0.541	0.545		0.7	
Nitrobenzene	0.386	0.394		2.1	
Isophorone	0.638	0.649		1.7	
2-Nitrophenol	0.184	0.193		4.9	20.0
2,4-Dimethylphenol	0.273	0.290		6.2	
bis(2-Chloroethoxy)methane	0.398	0.409		2.8	
2,4-Dichlorophenol	0.317	0.328		3.5	20.0
Naphthalene	0.944	0.957		1.4	
4-Chloroaniline	0.329	0.349		6.1	
Hexachlorobutadiene	0.267	0.260		-2.6	20.0
Caprolactam	0.080	0.084		5.0	
4-Chloro-3-methylphenol	0.280	0.296		5.7	20.0
2-Methylnaphthalene	0.622	0.630		1.3	
Hexachlorocyclopentadiene	0.212	0.181	0.050	-14.6	
2,4,6-Trichlorophenol	0.447	0.466		4.3	20.0
2-Fluorobiphenyl	1.421	1.368		-3.7	
2,4,5-Trichlorophenol	0.469	0.490		4.5	
1,1-Biphenyl	1.432	1.430		-0.1	
2-Chloronaphthalene	1.199	1.242		3.6	
2-Nitroaniline	0.356	0.357		0.3	
Dimethylphthalate	1.311	1.355		3.4	
Acenaphthylene	1.617	1.679		3.8	
2,6-Dinitrotoluene	0.259	0.272		5.0	
3-Nitroaniline	0.288	0.311		8.0	
Acenaphthene	1.080	1.076		-0.4	20.0
2,4-Dinitrophenol	0.140	0.135	0.050	-3.6	
4-Nitrophenol	0.195	0.193	0.050	-1.0	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q3434

Instrument ID: BNA_F Calibration Date/Time: 10/29/2025 11:30

Lab File ID: BF144121.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:13 16:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.499	1.529		2.0	
2,4-Dinitrotoluene	0.350	0.369		5.4	
Diethylphthalate	1.233	1.231		-0.2	
4-Chlorophenyl-phenylether	0.643	0.660		2.6	
Fluorene	1.143	1.160		1.5	
4-Nitroaniline	0.273	0.277		1.5	
4,6-Dinitro-2-methylphenol	0.128	0.128		0.0	
n-Nitrosodiphenylamine	0.639	0.669		4.7	20.0
2,4,6-Tribromophenol	0.255	0.252		-1.2	
4-Bromophenyl-phenylether	0.250	0.265		6.0	
Hexachlorobenzene	0.307	0.310		1.0	
Atrazine	0.210	0.208		-1.0	
Pentachlorophenol	0.146	0.162		11.0	20.0
Phenanthrene	0.994	1.031		3.7	
Anthracene	1.026	1.051		2.4	
Carbazole	0.874	0.888		1.6	
Di-n-butylphthalate	1.071	1.096		2.3	
Fluoranthene	1.098	1.097		-0.1	20.0
Pyrene	1.438	1.509		4.9	
Terphenyl-d14	1.144	1.166		1.9	
Butylbenzylphthalate	0.544	0.562		3.3	
3,3-Dichlorobenzidine	0.470	0.520		10.6	
Benzo(a)anthracene	1.352	1.439		6.4	
Chrysene	1.268	1.339		5.6	
Bis(2-ethylhexyl)phthalate	0.743	0.791		6.5	
Di-n-octyl phthalate	1.277	1.456		14.0	20.0
Benzo(b)fluoranthene	1.131	1.146		1.3	
Benzo(k)fluoranthene	1.043	1.131		8.4	
Benzo(a)pyrene	1.014	1.085		7.0	20.0
Indeno(1,2,3-cd)pyrene	1.373	1.487		8.3	
Dibenzo(a,h)anthracene	1.087	1.186		9.1	
Benzo(g,h,i)perylene	1.093	1.183		8.2	
1,2,4,5-Tetrachlorobenzene	0.687	0.695		1.2	
1,4-Dioxane	0.546	0.560		2.6	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.352		6.7	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q3434

Instrument ID: BNA_G Calibration Date/Time: 10/29/2025 11:22

Lab File ID: BG064618.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.266		6.2	
Benzaldehyde	0.893	0.838		-6.2	
Phenol-d6	1.635	1.656		1.3	
Phenol	1.808	1.838		1.7	20.0
bis(2-Chloroethyl)ether	1.329	1.382		4.0	
2-Chlorophenol	1.247	1.377		10.4	
2-Methylphenol	1.201	1.261		5.0	
2,2-oxybis(1-Chloropropane)	3.487	3.674		5.4	
Acetophenone	0.547	0.581		6.2	
3+4-Methylphenols	1.688	1.742		3.2	
n-Nitroso-di-n-propylamine	1.130	1.223	0.050	8.2	
Nitrobenzene-d5	0.333	0.401		20.4	
Hexachloroethane	0.512	0.567		10.7	
Nitrobenzene	0.362	0.429		18.5	
Isophorone	0.799	0.833		4.3	
2-Nitrophenol	0.121	0.168		38.8	20.0
2,4-Dimethylphenol	0.297	0.311		4.7	
bis(2-Chloroethoxy)methane	0.455	0.480		5.5	
2,4-Dichlorophenol	0.320	0.352		10.0	20.0
Naphthalene	1.109	1.159		4.5	
4-Chloroaniline	0.431	0.435		0.9	
Hexachlorobutadiene	0.284	0.322		13.4	20.0
Caprolactam	0.123	0.108		-12.2	
4-Chloro-3-methylphenol	0.384	0.389		1.3	20.0
2-Methylnaphthalene	0.814	0.836		2.7	
Hexachlorocyclopentadiene	0.302	0.400	0.050	32.5	
2,4,6-Trichlorophenol	0.384	0.455		18.5	20.0
2-Fluorobiphenyl	1.319	1.473		11.7	
2,4,5-Trichlorophenol	0.443	0.492		11.1	
1,1-Biphenyl	1.422	1.535		7.9	
2-Chloronaphthalene	1.073	1.175		9.5	
2-Nitroaniline	0.311	0.378		21.5	
Dimethylphthalate	1.530	1.552		1.4	
Acenaphthylene	1.693	1.770		4.5	
2,6-Dinitrotoluene	0.218	0.272		24.8	
3-Nitroaniline	0.263	0.288		9.5	
Acenaphthene	1.157	1.225		5.9	20.0
2,4-Dinitrophenol	0.132	0.164	0.050	24.2	
4-Nitrophenol	0.244	0.241	0.050	-1.2	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q3434

Instrument ID: BNA_G Calibration Date/Time: 10/29/2025 11:22

Lab File ID: BG064618.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.930		3.2	
2,4-Dinitrotoluene	0.340	0.396		16.5	
Diethylphthalate	1.563	1.507		-3.6	
4-Chlorophenyl-phenylether	0.820	0.840		2.4	
Fluorene	1.460	1.476		1.1	
4-Nitroaniline	0.293	0.306		4.4	
4,6-Dinitro-2-methylphenol	0.079	0.104		31.6	
n-Nitrosodiphenylamine	0.540	0.582		7.8	20.0
2,4,6-Tribromophenol	0.289	0.312		8.0	
4-Bromophenyl-phenylether	0.237	0.262		10.5	
Hexachlorobenzene	0.270	0.300		11.1	
Atrazine	0.232	0.233		0.4	
Pentachlorophenol	0.169	0.189		11.8	20.0
Phenanthrene	1.094	1.132		3.5	
Anthracene	1.113	1.125		1.1	
Carbazole	0.981	0.970		-1.1	
Di-n-butylphthalate	1.135	1.140		0.4	
Fluoranthene	1.370	1.343		-2.0	20.0
Pyrene	1.307	1.322		1.1	
Terphenyl-d14	1.060	1.074		1.3	
Butylbenzylphthalate	0.395	0.462		17.0	
3,3-Dichlorobenzidine	0.443	0.484		9.3	
Benzo(a)anthracene	1.326	1.395		5.2	
Chrysene	1.262	1.298		2.9	
Bis(2-ethylhexyl)phthalate	0.590	0.671		13.7	
Di-n-octyl phthalate	0.995	1.203		20.9	20.0
Benzo(b)fluoranthene	1.226	1.236		0.8	
Benzo(k)fluoranthene	1.227	1.235		0.7	
Benzo(a)pyrene	1.127	1.157		2.7	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.519		3.3	
Dibenzo(a,h)anthracene	1.195	1.241		3.8	
Benzo(g,h,i)perylene	1.142	1.182		3.5	
1,2,4,5-Tetrachlorobenzene	0.671	0.754		12.4	
1,4-Dioxane	0.528	0.560		6.1	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.469		10.6	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q3434

Instrument ID: BNA_G Calibration Date/Time: 10/30/2025 11:36

Lab File ID: BG064636.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.233		3.4	
Benzaldehyde	0.893	0.861		-3.6	
Phenol-d6	1.635	1.603		-2.0	
Phenol	1.808	1.761		-2.6	20.0
bis(2-Chloroethyl)ether	1.329	1.296		-2.5	
2-Chlorophenol	1.247	1.369		9.8	
2-Methylphenol	1.201	1.221		1.7	
2,2-oxybis(1-Chloropropane)	3.487	3.562		2.2	
Acetophenone	0.547	0.558		2.0	
3+4-Methylphenols	1.688	1.620		-4.0	
n-Nitroso-di-n-propylamine	1.130	1.116	0.050	-1.2	
Nitrobenzene-d5	0.333	0.420		26.1	
Hexachloroethane	0.512	0.586		14.5	
Nitrobenzene	0.362	0.438		21.0	
Isophorone	0.799	0.808		1.1	
2-Nitrophenol	0.121	0.180		48.8	20.0
2,4-Dimethylphenol	0.297	0.320		7.7	
bis(2-Chloroethoxy)methane	0.455	0.460		1.1	
2,4-Dichlorophenol	0.320	0.361		12.8	20.0
Naphthalene	1.109	1.158		4.4	
4-Chloroaniline	0.431	0.422		-2.1	
Hexachlorobutadiene	0.284	0.320		12.7	20.0
Caprolactam	0.123	0.106		-13.8	
4-Chloro-3-methylphenol	0.384	0.390		1.6	20.0
2-Methylnaphthalene	0.814	0.842		3.4	
Hexachlorocyclopentadiene	0.302	0.413	0.050	36.8	
2,4,6-Trichlorophenol	0.384	0.457		19.0	20.0
2-Fluorobiphenyl	1.319	1.427		8.2	
2,4,5-Trichlorophenol	0.443	0.495		11.7	
1,1-Biphenyl	1.422	1.507		6.0	
2-Chloronaphthalene	1.073	1.145		6.7	
2-Nitroaniline	0.311	0.392		26.0	
Dimethylphthalate	1.530	1.509		-1.4	
Acenaphthylene	1.693	1.756		3.7	
2,6-Dinitrotoluene	0.218	0.281		28.9	
3-Nitroaniline	0.263	0.304		15.6	
Acenaphthene	1.157	1.205		4.1	20.0
2,4-Dinitrophenol	0.132	0.181	0.050	37.1	
4-Nitrophenol	0.244	0.267	0.050	9.4	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG No.: Q3434

Instrument ID: BNA_G Calibration Date/Time: 10/30/2025 11:36

Lab File ID: BG064636.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.869		-0.1	
2,4-Dinitrotoluene	0.340	0.413		21.5	
Diethylphthalate	1.563	1.474		-5.7	
4-Chlorophenyl-phenylether	0.820	0.831		1.3	
Fluorene	1.460	1.442		-1.2	
4-Nitroaniline	0.293	0.318		8.5	
4,6-Dinitro-2-methylphenol	0.079	0.117		48.1	
n-Nitrosodiphenylamine	0.540	0.569		5.4	20.0
2,4,6-Tribromophenol	0.289	0.317		9.7	
4-Bromophenyl-phenylether	0.237	0.261		10.1	
Hexachlorobenzene	0.270	0.291		7.8	
Atrazine	0.232	0.232		0.0	
Pentachlorophenol	0.169	0.195		15.4	20.0
Phenanthrene	1.094	1.114		1.8	
Anthracene	1.113	1.144		2.8	
Carbazole	0.981	1.006		2.5	
Di-n-butylphthalate	1.135	1.131		-0.4	
Fluoranthene	1.370	1.451		5.9	20.0
Pyrene	1.307	1.247		-4.6	
Terphenyl-d14	1.060	1.043		-1.6	
Butylbenzylphthalate	0.395	0.445		12.7	
3,3-Dichlorobenzidine	0.443	0.493		11.3	
Benzo(a)anthracene	1.326	1.410		6.3	
Chrysene	1.262	1.324		4.9	
Bis(2-ethylhexyl)phthalate	0.590	0.652		10.5	
Di-n-octyl phthalate	0.995	1.171		17.7	20.0
Benzo(b)fluoranthene	1.226	1.272		3.8	
Benzo(k)fluoranthene	1.227	1.285		4.7	
Benzo(a)pyrene	1.127	1.190		5.6	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.593		8.3	
Dibenzo(a,h)anthracene	1.195	1.283		7.4	
Benzo(g,h,i)perylene	1.142	1.243		8.8	
1,2,4,5-Tetrachlorobenzene	0.671	0.762		13.6	
1,4-Dioxane	0.528	0.546		3.4	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.473		11.6	

All other compounds must meet a minimum RRF of 0.010.