

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-WC2-20251022
Lab Sample ID: Q3434-02
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 880 mL Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/28/25

Date Collected: 10/22/25
Date Received: 10/22/25
SDG No.: Q3434
Matrix: Water
% Solid: 0
Test: SVOC-TCL BNA -20

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

Report of Analysis

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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:
Prep Method :	SW3510C	Prep Date:	10/28/25	SVOC-TCL BNA -20

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

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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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