

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PB170286BSD
Lab Sample ID: PB170286BSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/28/25

Date Collected:
Date Received:
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	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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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

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