

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S02-074099-20251016
Lab Sample ID: Q3375-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 69.2
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	480	U	1	230	480	ug/Kg	10/21/25 16:32	PB170165
108-95-2	Phenol	250	U	1	31.9	250	ug/Kg	10/21/25 16:32	PB170165
111-44-4	bis(2-Chloroethyl)ether	250	U	1	35.1	250	ug/Kg	10/21/25 16:32	PB170165
95-57-8	2-Chlorophenol	250	U	1	35.2	250	ug/Kg	10/21/25 16:32	PB170165
95-48-7	2-Methylphenol	250	U	1	43.2	250	ug/Kg	10/21/25 16:32	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	1	54.2	250	ug/Kg	10/21/25 16:32	PB170165
98-86-2	Acetophenone	250	U	1	42.6	250	ug/Kg	10/21/25 16:32	PB170165
65794-96-9	3+4-Methylphenols	480	U	1	59.4	480	ug/Kg	10/21/25 16:32	PB170165
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	68.5	120	ug/Kg	10/21/25 16:32	PB170165
67-72-1	Hexachloroethane	250	U	1	25.4	250	ug/Kg	10/21/25 16:32	PB170165
98-95-3	Nitrobenzene	250	U	1	26.4	250	ug/Kg	10/21/25 16:32	PB170165
78-59-1	Isophorone	250	U	1	47.4	250	ug/Kg	10/21/25 16:32	PB170165
88-75-5	2-Nitrophenol	250	U	1	84.0	250	ug/Kg	10/21/25 16:32	PB170165
105-67-9	2,4-Dimethylphenol	250	U	1	93.6	250	ug/Kg	10/21/25 16:32	PB170165
111-91-1	bis(2-Chloroethoxy)methane	250	U	1	44.5	250	ug/Kg	10/21/25 16:32	PB170165
120-83-2	2,4-Dichlorophenol	250	U	1	40.9	250	ug/Kg	10/21/25 16:32	PB170165
91-20-3	Naphthalene	250	U	1	32.8	250	ug/Kg	10/21/25 16:32	PB170165
106-47-8	4-Chloroaniline	250	U	1	51.1	250	ug/Kg	10/21/25 16:32	PB170165
87-68-3	Hexachlorobutadiene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
105-60-2	Caprolactam	480	U	1	75.2	480	ug/Kg	10/21/25 16:32	PB170165
59-50-7	4-Chloro-3-methylphenol	250	U	1	41.4	250	ug/Kg	10/21/25 16:32	PB170165
91-57-6	2-Methylnaphthalene	250	U	1	37.0	250	ug/Kg	10/21/25 16:32	PB170165
77-47-4	Hexachlorocyclopentadiene	480	U	1	170	480	ug/Kg	10/21/25 16:32	PB170165
88-06-2	2,4,6-Trichlorophenol	250	U	1	28.6	250	ug/Kg	10/21/25 16:32	PB170165
95-95-4	2,4,5-Trichlorophenol	250	U	1	42.0	250	ug/Kg	10/21/25 16:32	PB170165
92-52-4	1,1-Biphenyl	250	U	1	31.5	250	ug/Kg	10/21/25 16:32	PB170165
91-58-7	2-Chloronaphthalene	250	U	1	32.5	250	ug/Kg	10/21/25 16:32	PB170165
88-74-4	2-Nitroaniline	250	U	1	69.5	250	ug/Kg	10/21/25 16:32	PB170165
131-11-3	Dimethylphthalate	250	U	1	39.1	250	ug/Kg	10/21/25 16:32	PB170165
208-96-8	Acenaphthylene	250	U	1	41.7	250	ug/Kg	10/21/25 16:32	PB170165
606-20-2	2,6-Dinitrotoluene	250	U	1	48.5	250	ug/Kg	10/21/25 16:32	PB170165
99-09-2	3-Nitroaniline	250	U	1	66.4	250	ug/Kg	10/21/25 16:32	PB170165
83-32-9	Acenaphthene	250	U	1	30.8	250	ug/Kg	10/21/25 16:32	PB170165
51-28-5	2,4-Dinitrophenol	480	U	1	330	480	ug/Kg	10/21/25 16:32	PB170165
100-02-7	4-Nitrophenol	480	U	1	150	480	ug/Kg	10/21/25 16:32	PB170165
132-64-9	Dibenzofuran	250	U	1	32.8	250	ug/Kg	10/21/25 16:32	PB170165
121-14-2	2,4-Dinitrotoluene	250	U	1	72.4	250	ug/Kg	10/21/25 16:32	PB170165
84-66-2	Diethylphthalate	250	U	1	40.9	250	ug/Kg	10/21/25 16:32	PB170165
7005-72-3	4-Chlorophenyl-phenylether	250	U	1	38.6	250	ug/Kg	10/21/25 16:32	PB170165
86-73-7	Fluorene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
100-01-6	4-Nitroaniline	250	U	1	92.7	250	ug/Kg	10/21/25 16:32	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	480	U	1	150	480	ug/Kg	10/21/25 16:32	PB170165

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	250	U	1	47.5	250	ug/Kg	10/21/25 16:32	PB170165
101-55-3	4-Bromophenyl-phenylether	250	U	1	40.1	250	ug/Kg	10/21/25 16:32	PB170165
118-74-1	Hexachlorobenzene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
1912-24-9	Atrazine	250	U	1	49.1	250	ug/Kg	10/21/25 16:32	PB170165
87-86-5	Pentachlorophenol	480	U	1	74.1	480	ug/Kg	10/21/25 16:32	PB170165
85-01-8	Phenanthrene	250	U	1	30.2	250	ug/Kg	10/21/25 16:32	PB170165
120-12-7	Anthracene	250	U	1	48.1	250	ug/Kg	10/21/25 16:32	PB170165
86-74-8	Carbazole	250	U	1	45.1	250	ug/Kg	10/21/25 16:32	PB170165
84-74-2	Di-n-butylphthalate	250	U	1	69.2	250	ug/Kg	10/21/25 16:32	PB170165
206-44-0	Fluoranthene	250	U	1	43.3	250	ug/Kg	10/21/25 16:32	PB170165
129-00-0	Pyrene	250	U	1	52.0	250	ug/Kg	10/21/25 16:32	PB170165
85-68-7	Butylbenzylphthalate	250	U	1	100	250	ug/Kg	10/21/25 16:32	PB170165
91-94-1	3,3-Dichlorobenzidine	480	U	1	53.0	480	ug/Kg	10/21/25 16:32	PB170165
56-55-3	Benzo(a)anthracene	250	U	1	33.2	250	ug/Kg	10/21/25 16:32	PB170165
218-01-9	Chrysene	250	U	1	28.7	250	ug/Kg	10/21/25 16:32	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	1	85.5	250	ug/Kg	10/21/25 16:32	PB170165
117-84-0	Di-n-octyl phthalate	480	U	1	130	480	ug/Kg	10/21/25 16:32	PB170165
205-99-2	Benzo(b)fluoranthene	250	U	1	27.4	250	ug/Kg	10/21/25 16:32	PB170165
207-08-9	Benzo(k)fluoranthene	250	U	1	32.3	250	ug/Kg	10/21/25 16:32	PB170165
50-32-8	Benzo(a)pyrene	250	U	1	42.6	250	ug/Kg	10/21/25 16:32	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	1	42.0	250	ug/Kg	10/21/25 16:32	PB170165
53-70-3	Dibenzo(a,h)anthracene	250	U	1	39.6	250	ug/Kg	10/21/25 16:32	PB170165
191-24-2	Benzo(g,h,i)perylene	250	U	1	37.1	250	ug/Kg	10/21/25 16:32	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1	37.0	250	ug/Kg	10/21/25 16:32	PB170165
123-91-1	1,4-Dioxane	250	U	1	65.3	250	ug/Kg	10/21/25 16:32	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1	39.6	250	ug/Kg	10/21/25 16:32	PB170165

SURROGATES

367-12-4	2-Fluorophenol	67.8		18 - 112	45%	SPK: 150
13127-88-3	Phenol-d6	65.1		15 - 107	43%	SPK: 150
4165-60-0	Nitrobenzene-d5	43.7		18 - 107	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	38.6		20 - 109	39%	SPK: 100
118-79-6	2,4,6-Tribromophenol	57.6		10 - 116	38%	SPK: 150
1718-51-0	Terphenyl-d14	28.1		10 - 105	28%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	110000
1146-65-2	Naphthalene-d8	402000
15067-26-2	Acenaphthene-d10	203000
1517-22-2	Phenanthrene-d10	319000
1719-03-5	Chrysene-d12	282000
1520-96-3	Perylene-d12	335000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	280	J	10.6	ug/Kg
000638-53-9	Tridecanoic acid	240	J	11.9	ug/Kg

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Prep Method :	SW3541	Prep Date: 10/20/25		

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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