

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-DP02-074099-20251016
Lab Sample ID: Q3375-05
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 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: 66.7
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	490	U	1	230	490	ug/Kg	10/21/25 18:30	PB170165
108-95-2	Phenol	250	U	1	33.1	250	ug/Kg	10/21/25 18:30	PB170165
111-44-4	bis(2-Chloroethyl)ether	250	U	1	36.4	250	ug/Kg	10/21/25 18:30	PB170165
95-57-8	2-Chlorophenol	250	U	1	36.5	250	ug/Kg	10/21/25 18:30	PB170165
95-48-7	2-Methylphenol	250	U	1	44.8	250	ug/Kg	10/21/25 18:30	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	1	56.1	250	ug/Kg	10/21/25 18:30	PB170165
98-86-2	Acetophenone	250	U	1	44.2	250	ug/Kg	10/21/25 18:30	PB170165
65794-96-9	3+4-Methylphenols	490	U	1	61.5	490	ug/Kg	10/21/25 18:30	PB170165
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	71.0	120	ug/Kg	10/21/25 18:30	PB170165
67-72-1	Hexachloroethane	250	U	1	26.4	250	ug/Kg	10/21/25 18:30	PB170165
98-95-3	Nitrobenzene	250	U	1	27.4	250	ug/Kg	10/21/25 18:30	PB170165
78-59-1	Isophorone	250	U	1	49.1	250	ug/Kg	10/21/25 18:30	PB170165
88-75-5	2-Nitrophenol	250	U	1	87.1	250	ug/Kg	10/21/25 18:30	PB170165
105-67-9	2,4-Dimethylphenol	250	U	1	97.0	250	ug/Kg	10/21/25 18:30	PB170165
111-91-1	bis(2-Chloroethoxy)methane	250	U	1	46.1	250	ug/Kg	10/21/25 18:30	PB170165
120-83-2	2,4-Dichlorophenol	250	U	1	42.4	250	ug/Kg	10/21/25 18:30	PB170165
91-20-3	Naphthalene	250	U	1	34.0	250	ug/Kg	10/21/25 18:30	PB170165
106-47-8	4-Chloroaniline	250	U	1	53.0	250	ug/Kg	10/21/25 18:30	PB170165
87-68-3	Hexachlorobutadiene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
105-60-2	Caprolactam	490	U	1	78.0	490	ug/Kg	10/21/25 18:30	PB170165
59-50-7	4-Chloro-3-methylphenol	250	U	1	43.0	250	ug/Kg	10/21/25 18:30	PB170165
91-57-6	2-Methylnaphthalene	250	U	1	38.3	250	ug/Kg	10/21/25 18:30	PB170165
77-47-4	Hexachlorocyclopentadiene	490	U	1	170	490	ug/Kg	10/21/25 18:30	PB170165
88-06-2	2,4,6-Trichlorophenol	250	U	1	29.6	250	ug/Kg	10/21/25 18:30	PB170165
95-95-4	2,4,5-Trichlorophenol	250	U	1	43.6	250	ug/Kg	10/21/25 18:30	PB170165
92-52-4	1,1-Biphenyl	250	U	1	32.6	250	ug/Kg	10/21/25 18:30	PB170165
91-58-7	2-Chloronaphthalene	250	U	1	33.7	250	ug/Kg	10/21/25 18:30	PB170165
88-74-4	2-Nitroaniline	250	U	1	72.0	250	ug/Kg	10/21/25 18:30	PB170165
131-11-3	Dimethylphthalate	250	U	1	40.6	250	ug/Kg	10/21/25 18:30	PB170165
208-96-8	Acenaphthylene	250	U	1	43.3	250	ug/Kg	10/21/25 18:30	PB170165
606-20-2	2,6-Dinitrotoluene	250	U	1	50.3	250	ug/Kg	10/21/25 18:30	PB170165
99-09-2	3-Nitroaniline	250	U	1	68.9	250	ug/Kg	10/21/25 18:30	PB170165
83-32-9	Acenaphthene	250	U	1	31.9	250	ug/Kg	10/21/25 18:30	PB170165
51-28-5	2,4-Dinitrophenol	490	U	1	340	490	ug/Kg	10/21/25 18:30	PB170165
100-02-7	4-Nitrophenol	490	U	1	160	490	ug/Kg	10/21/25 18:30	PB170165
132-64-9	Dibenzofuran	250	U	1	34.0	250	ug/Kg	10/21/25 18:30	PB170165
121-14-2	2,4-Dinitrotoluene	250	U	1	75.0	250	ug/Kg	10/21/25 18:30	PB170165
84-66-2	Diethylphthalate	250	U	1	42.4	250	ug/Kg	10/21/25 18:30	PB170165
7005-72-3	4-Chlorophenyl-phenylether	250	U	1	40.0	250	ug/Kg	10/21/25 18:30	PB170165
86-73-7	Fluorene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
100-01-6	4-Nitroaniline	250	U	1	96.1	250	ug/Kg	10/21/25 18:30	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	490	U	1	150	490	ug/Kg	10/21/25 18:30	PB170165

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% Solid: 66.7
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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	49.3	250	ug/Kg	10/21/25 18:30	PB170165
101-55-3	4-Bromophenyl-phenylether	250	U	1	41.6	250	ug/Kg	10/21/25 18:30	PB170165
118-74-1	Hexachlorobenzene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
1912-24-9	Atrazine	250	U	1	50.9	250	ug/Kg	10/21/25 18:30	PB170165
87-86-5	Pentachlorophenol	490	U	1	76.8	490	ug/Kg	10/21/25 18:30	PB170165
85-01-8	Phenanthrene	99.8	J	1	31.3	250	ug/Kg	10/21/25 18:30	PB170165
120-12-7	Anthracene	250	U	1	49.9	250	ug/Kg	10/21/25 18:30	PB170165
86-74-8	Carbazole	250	U	1	46.7	250	ug/Kg	10/21/25 18:30	PB170165
84-74-2	Di-n-butylphthalate	250	U	1	71.7	250	ug/Kg	10/21/25 18:30	PB170165
206-44-0	Fluoranthene	160	J	1	44.9	250	ug/Kg	10/21/25 18:30	PB170165
129-00-0	Pyrene	250	U	1	53.9	250	ug/Kg	10/21/25 18:30	PB170165
85-68-7	Butylbenzylphthalate	250	U	1	110	250	ug/Kg	10/21/25 18:30	PB170165
91-94-1	3,3-Dichlorobenzidine	490	U	1	54.9	490	ug/Kg	10/21/25 18:30	PB170165
56-55-3	Benzo(a)anthracene	250	U	1	34.4	250	ug/Kg	10/21/25 18:30	PB170165
218-01-9	Chrysene	250	U	1	29.8	250	ug/Kg	10/21/25 18:30	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	1	88.6	250	ug/Kg	10/21/25 18:30	PB170165
117-84-0	Di-n-octyl phthalate	490	U	1	130	490	ug/Kg	10/21/25 18:30	PB170165
205-99-2	Benzo(b)fluoranthene	250	U	1	28.4	250	ug/Kg	10/21/25 18:30	PB170165
207-08-9	Benzo(k)fluoranthene	250	U	1	33.5	250	ug/Kg	10/21/25 18:30	PB170165
50-32-8	Benzo(a)pyrene	250	U	1	44.2	250	ug/Kg	10/21/25 18:30	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	1	43.6	250	ug/Kg	10/21/25 18:30	PB170165
53-70-3	Dibenzo(a,h)anthracene	250	U	1	41.0	250	ug/Kg	10/21/25 18:30	PB170165
191-24-2	Benzo(g,h,i)perylene	250	U	1	38.5	250	ug/Kg	10/21/25 18:30	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1	38.3	250	ug/Kg	10/21/25 18:30	PB170165
123-91-1	1,4-Dioxane	250	U	1	67.7	250	ug/Kg	10/21/25 18:30	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1	41.0	250	ug/Kg	10/21/25 18:30	PB170165

SURROGATES

367-12-4	2-Fluorophenol	82.9		18 - 112	55%	SPK: 150
13127-88-3	Phenol-d6	78.6		15 - 107	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	57.5		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.3		20 - 109	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.8		10 - 116	47%	SPK: 150
1718-51-0	Terphenyl-d14	35.0		10 - 105	35%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	117000
1146-65-2	Naphthalene-d8	418000
15067-26-2	Acenaphthene-d10	205000
1517-22-2	Phenanthrene-d10	300000
1719-03-5	Chrysene-d12	263000
1520-96-3	Perylene-d12	321000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	300	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	280	J	11.9	ug/Kg

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Analytical Method:	8270E	Level : LOW	% Solid:	66.7
Sample Wt/Vol:	30.04 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/20/25		

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000295-48-7	Cyclopentadecane	150	J			13.9	ug/Kg		

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