

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-SO1-085011-20251015
Lab Sample ID: Q3363-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.06 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/17/25

Date Collected: 10/15/25
Date Received: 10/15/25
SDG No.: Q3363
Matrix: SOIL
% Solid: 50.1
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	660	U	1	310	660	ug/Kg	10/17/25 15:48	PB170144
108-95-2	Phenol	340	U	1	44.0	340	ug/Kg	10/17/25 15:48	PB170144
111-44-4	bis(2-Chloroethyl)ether	340	U	1	48.4	340	ug/Kg	10/17/25 15:48	PB170144
95-57-8	2-Chlorophenol	340	U	1	48.6	340	ug/Kg	10/17/25 15:48	PB170144
95-48-7	2-Methylphenol	340	U	1	59.6	340	ug/Kg	10/17/25 15:48	PB170144
108-60-1	2,2-oxybis(1-Chloropropane)	340	U	1	74.7	340	ug/Kg	10/17/25 15:48	PB170144
98-86-2	Acetophenone	340	U	1	58.8	340	ug/Kg	10/17/25 15:48	PB170144
65794-96-9	3+4-Methylphenols	660	U	1	81.9	660	ug/Kg	10/17/25 15:48	PB170144
621-64-7	n-Nitroso-di-n-propylamine	160	U	1	94.4	160	ug/Kg	10/17/25 15:48	PB170144
67-72-1	Hexachloroethane	340	U	1	35.1	340	ug/Kg	10/17/25 15:48	PB170144
98-95-3	Nitrobenzene	340	U	1	36.5	340	ug/Kg	10/17/25 15:48	PB170144
78-59-1	Isophorone	340	U	1	65.3	340	ug/Kg	10/17/25 15:48	PB170144
88-75-5	2-Nitrophenol	340	U	1	120	340	ug/Kg	10/17/25 15:48	PB170144
105-67-9	2,4-Dimethylphenol	340	U	1	130	340	ug/Kg	10/17/25 15:48	PB170144
111-91-1	bis(2-Chloroethoxy)methane	340	U	1	61.4	340	ug/Kg	10/17/25 15:48	PB170144
120-83-2	2,4-Dichlorophenol	340	U	1	56.4	340	ug/Kg	10/17/25 15:48	PB170144
91-20-3	Naphthalene	340	U	1	45.2	340	ug/Kg	10/17/25 15:48	PB170144
106-47-8	4-Chloroaniline	340	U	1	70.5	340	ug/Kg	10/17/25 15:48	PB170144
87-68-3	Hexachlorobutadiene	340	U	1	50.4	340	ug/Kg	10/17/25 15:48	PB170144
105-60-2	Caprolactam	660	U	1	100	660	ug/Kg	10/17/25 15:48	PB170144
59-50-7	4-Chloro-3-methylphenol	340	U	1	57.2	340	ug/Kg	10/17/25 15:48	PB170144
91-57-6	2-Methylnaphthalene	340	U	1	51.0	340	ug/Kg	10/17/25 15:48	PB170144
77-47-4	Hexachlorocyclopentadiene	660	U	1	230	660	ug/Kg	10/17/25 15:48	PB170144
88-06-2	2,4,6-Trichlorophenol	340	U	1	39.4	340	ug/Kg	10/17/25 15:48	PB170144
95-95-4	2,4,5-Trichlorophenol	340	U	1	58.0	340	ug/Kg	10/17/25 15:48	PB170144
92-52-4	1,1-Biphenyl	340	U	1	43.4	340	ug/Kg	10/17/25 15:48	PB170144
91-58-7	2-Chloronaphthalene	340	U	1	44.8	340	ug/Kg	10/17/25 15:48	PB170144
88-74-4	2-Nitroaniline	340	U	1	95.8	340	ug/Kg	10/17/25 15:48	PB170144
131-11-3	Dimethylphthalate	340	U	1	54.0	340	ug/Kg	10/17/25 15:48	PB170144
208-96-8	Acenaphthylene	340	U	1	57.6	340	ug/Kg	10/17/25 15:48	PB170144
606-20-2	2,6-Dinitrotoluene	340	U	1	66.9	340	ug/Kg	10/17/25 15:48	PB170144
99-09-2	3-Nitroaniline	340	U	1	91.6	340	ug/Kg	10/17/25 15:48	PB170144
83-32-9	Acenaphthene	340	U	1	42.4	340	ug/Kg	10/17/25 15:48	PB170144
51-28-5	2,4-Dinitrophenol	660	U	1	460	660	ug/Kg	10/17/25 15:48	PB170144
100-02-7	4-Nitrophenol	660	U	1	210	660	ug/Kg	10/17/25 15:48	PB170144
132-64-9	Dibenzofuran	340	U	1	45.2	340	ug/Kg	10/17/25 15:48	PB170144
121-14-2	2,4-Dinitrotoluene	340	U	1	99.8	340	ug/Kg	10/17/25 15:48	PB170144
84-66-2	Diethylphthalate	340	U	1	56.4	340	ug/Kg	10/17/25 15:48	PB170144
7005-72-3	4-Chlorophenyl-phenylether	340	U	1	53.2	340	ug/Kg	10/17/25 15:48	PB170144
86-73-7	Fluorene	340	U	1	50.4	340	ug/Kg	10/17/25 15:48	PB170144
100-01-6	4-Nitroaniline	340	U	1	130	340	ug/Kg	10/17/25 15:48	PB170144
534-52-1	4,6-Dinitro-2-methylphenol	660	U	1	210	660	ug/Kg	10/17/25 15:48	PB170144

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86-30-6	n-Nitrosodiphenylamine	340	U	1	65.5	340	ug/Kg	10/17/25 15:48	PB170144
101-55-3	4-Bromophenyl-phenylether	340	U	1	55.4	340	ug/Kg	10/17/25 15:48	PB170144
118-74-1	Hexachlorobenzene	340	U	1	50.4	340	ug/Kg	10/17/25 15:48	PB170144
1912-24-9	Atrazine	340	U	1	67.7	340	ug/Kg	10/17/25 15:48	PB170144
87-86-5	Pentachlorophenol	660	U	1	100	660	ug/Kg	10/17/25 15:48	PB170144
85-01-8	Phenanthrene	220	J	1	41.6	340	ug/Kg	10/17/25 15:48	PB170144
120-12-7	Anthracene	340	U	1	66.3	340	ug/Kg	10/17/25 15:48	PB170144
86-74-8	Carbazole	340	U	1	62.2	340	ug/Kg	10/17/25 15:48	PB170144
84-74-2	Di-n-butylphthalate	340	U	1	95.4	340	ug/Kg	10/17/25 15:48	PB170144
206-44-0	Fluoranthene	370		1	59.8	340	ug/Kg	10/17/25 15:48	PB170144
129-00-0	Pyrene	340		1	71.7	340	ug/Kg	10/17/25 15:48	PB170144
85-68-7	Butylbenzylphthalate	340	U	1	140	340	ug/Kg	10/17/25 15:48	PB170144
91-94-1	3,3-Dichlorobenzidine	660	U	1	73.1	660	ug/Kg	10/17/25 15:48	PB170144
56-55-3	Benzo(a)anthracene	250	J	1	45.8	340	ug/Kg	10/17/25 15:48	PB170144
218-01-9	Chrysene	260	J	1	39.6	340	ug/Kg	10/17/25 15:48	PB170144
117-81-7	Bis(2-ethylhexyl)phthalate	340	U	1	120	340	ug/Kg	10/17/25 15:48	PB170144
117-84-0	Di-n-octyl phthalate	660	U	1	170	660	ug/Kg	10/17/25 15:48	PB170144
205-99-2	Benzo(b)fluoranthene	260	J	1	37.8	340	ug/Kg	10/17/25 15:48	PB170144
207-08-9	Benzo(k)fluoranthene	340	U	1	44.6	340	ug/Kg	10/17/25 15:48	PB170144
50-32-8	Benzo(a)pyrene	270	J	1	58.8	340	ug/Kg	10/17/25 15:48	PB170144
193-39-5	Indeno(1,2,3-cd)pyrene	340	U	1	58.0	340	ug/Kg	10/17/25 15:48	PB170144
53-70-3	Dibenzo(a,h)anthracene	340	U	1	54.6	340	ug/Kg	10/17/25 15:48	PB170144
191-24-2	Benzo(g,h,i)perylene	170	J	1	51.2	340	ug/Kg	10/17/25 15:48	PB170144
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U	1	51.0	340	ug/Kg	10/17/25 15:48	PB170144
123-91-1	1,4-Dioxane	340	U	1	90.0	340	ug/Kg	10/17/25 15:48	PB170144
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	1	54.6	340	ug/Kg	10/17/25 15:48	PB170144

SURROGATES

367-12-4	2-Fluorophenol	62.3		18 - 112	42%	SPK: 150
13127-88-3	Phenol-d6	55.4		15 - 107	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	36.7		18 - 107	37%	SPK: 100
321-60-8	2-Fluorobiphenyl	33.2		20 - 109	33%	SPK: 100
118-79-6	2,4,6-Tribromophenol	63.7		10 - 116	42%	SPK: 150
1718-51-0	Terphenyl-d14	32.4		10 - 105	32%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	15700
1146-65-2	Naphthalene-d8	62300
15067-26-2	Acenaphthene-d10	44200
1517-22-2	Phenanthrene-d10	108000
1719-03-5	Chrysene-d12	123000
1520-96-3	Perylene-d12	135000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	420	J	15.8	ug/Kg
000629-50-5	Tridecane	460	J	17.0	ug/Kg

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Lab Sample ID:	Q3363-01		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	50.1
Sample Wt/Vol:	30.06 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-10-3	n-Hexadecanoic acid	530	J			18.1	ug/Kg		
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	230	J			18.8	ug/Kg		
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	820	J			19.3	ug/Kg		
066552-97-4	2-Isopropyl-10-methylphenanthrene	390	J			20.0	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