

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-DP3-20251021
Lab Sample ID: Q3424-01
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/23/25

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3424
Matrix: SOIL
% Solid: 45.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	720	U	1	340	720	ug/Kg	10/28/25 15:16	PB170215
108-95-2	Phenol	370	U	1	48.1	370	ug/Kg	10/28/25 15:16	PB170215
111-44-4	bis(2-Chloroethyl)ether	370	U	1	52.9	370	ug/Kg	10/28/25 15:16	PB170215
95-57-8	2-Chlorophenol	370	U	1	53.1	370	ug/Kg	10/28/25 15:16	PB170215
95-48-7	2-Methylphenol	370	U	1	65.1	370	ug/Kg	10/28/25 15:16	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	370	U	1	81.6	370	ug/Kg	10/28/25 15:16	PB170215
98-86-2	Acetophenone	370	U	1	64.2	370	ug/Kg	10/28/25 15:16	PB170215
65794-96-9	3+4-Methylphenols	720	U	1	89.5	720	ug/Kg	10/28/25 15:16	PB170215
621-64-7	n-Nitroso-di-n-propylamine	170	U	1	100	170	ug/Kg	10/28/25 15:16	PB170215
67-72-1	Hexachloroethane	370	U	1	38.3	370	ug/Kg	10/28/25 15:16	PB170215
98-95-3	Nitrobenzene	370	U	1	39.8	370	ug/Kg	10/28/25 15:16	PB170215
78-59-1	Isophorone	370	U	1	71.4	370	ug/Kg	10/28/25 15:16	PB170215
88-75-5	2-Nitrophenol	370	U	1	130	370	ug/Kg	10/28/25 15:16	PB170215
105-67-9	2,4-Dimethylphenol	370	U	1	140	370	ug/Kg	10/28/25 15:16	PB170215
111-91-1	bis(2-Chloroethoxy)methane	370	U	1	67.1	370	ug/Kg	10/28/25 15:16	PB170215
120-83-2	2,4-Dichlorophenol	370	U	1	61.6	370	ug/Kg	10/28/25 15:16	PB170215
91-20-3	Naphthalene	370	U	1	49.4	370	ug/Kg	10/28/25 15:16	PB170215
106-47-8	4-Chloroaniline	370	U	1	77.1	370	ug/Kg	10/28/25 15:16	PB170215
87-68-3	Hexachlorobutadiene	370	U	1	55.1	370	ug/Kg	10/28/25 15:16	PB170215
105-60-2	Caprolactam	720	U	1	110	720	ug/Kg	10/28/25 15:16	PB170215
59-50-7	4-Chloro-3-methylphenol	370	U	1	62.5	370	ug/Kg	10/28/25 15:16	PB170215
91-57-6	2-Methylnaphthalene	370	U	1	55.7	370	ug/Kg	10/28/25 15:16	PB170215
77-47-4	Hexachlorocyclopentadiene	720	U	1	250	720	ug/Kg	10/28/25 15:16	PB170215
88-06-2	2,4,6-Trichlorophenol	370	U	1	43.1	370	ug/Kg	10/28/25 15:16	PB170215
95-95-4	2,4,5-Trichlorophenol	370	U	1	63.4	370	ug/Kg	10/28/25 15:16	PB170215
92-52-4	1,1-Biphenyl	370	U	1	47.5	370	ug/Kg	10/28/25 15:16	PB170215
91-58-7	2-Chloronaphthalene	370	U	1	49.0	370	ug/Kg	10/28/25 15:16	PB170215
88-74-4	2-Nitroaniline	370	U	1	100	370	ug/Kg	10/28/25 15:16	PB170215
131-11-3	Dimethylphthalate	370	U	1	59.0	370	ug/Kg	10/28/25 15:16	PB170215
208-96-8	Acenaphthylene	370	U	1	62.9	370	ug/Kg	10/28/25 15:16	PB170215
606-20-2	2,6-Dinitrotoluene	370	U	1	73.2	370	ug/Kg	10/28/25 15:16	PB170215
99-09-2	3-Nitroaniline	370	U	1	100	370	ug/Kg	10/28/25 15:16	PB170215
83-32-9	Acenaphthene	370	U	1	46.4	370	ug/Kg	10/28/25 15:16	PB170215
51-28-5	2,4-Dinitrophenol	720	U	1	500	720	ug/Kg	10/28/25 15:16	PB170215
100-02-7	4-Nitrophenol	720	U	1	230	720	ug/Kg	10/28/25 15:16	PB170215
132-64-9	Dibenzofuran	370	U	1	49.4	370	ug/Kg	10/28/25 15:16	PB170215
121-14-2	2,4-Dinitrotoluene	370	U	1	110	370	ug/Kg	10/28/25 15:16	PB170215
84-66-2	Diethylphthalate	370	U	1	61.6	370	ug/Kg	10/28/25 15:16	PB170215
7005-72-3	4-Chlorophenyl-phenylether	370	U	1	58.1	370	ug/Kg	10/28/25 15:16	PB170215
86-73-7	Fluorene	370	U	1	55.1	370	ug/Kg	10/28/25 15:16	PB170215
100-01-6	4-Nitroaniline	370	U	1	140	370	ug/Kg	10/28/25 15:16	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	720	U	1	220	720	ug/Kg	10/28/25 15:16	PB170215

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86-30-6	n-Nitrosodiphenylamine	370	U	1	71.6	370	ug/Kg	10/28/25 15:16	PB170215
101-55-3	4-Bromophenyl-phenylether	370	U	1	60.5	370	ug/Kg	10/28/25 15:16	PB170215
118-74-1	Hexachlorobenzene	370	U	1	55.1	370	ug/Kg	10/28/25 15:16	PB170215
1912-24-9	Atrazine	370	U	1	74.0	370	ug/Kg	10/28/25 15:16	PB170215
87-86-5	Pentachlorophenol	720	U	1	110	720	ug/Kg	10/28/25 15:16	PB170215
85-01-8	Phenanthrene	370	U	1	45.5	370	ug/Kg	10/28/25 15:16	PB170215
120-12-7	Anthracene	370	U	1	72.5	370	ug/Kg	10/28/25 15:16	PB170215
86-74-8	Carbazole	370	U	1	67.9	370	ug/Kg	10/28/25 15:16	PB170215
84-74-2	Di-n-butylphthalate	370	U	1	100	370	ug/Kg	10/28/25 15:16	PB170215
206-44-0	Fluoranthene	370	U	1	65.3	370	ug/Kg	10/28/25 15:16	PB170215
129-00-0	Pyrene	370	U	1	78.4	370	ug/Kg	10/28/25 15:16	PB170215
85-68-7	Butylbenzylphthalate	370	U	1	160	370	ug/Kg	10/28/25 15:16	PB170215
91-94-1	3,3-Dichlorobenzidine	720	U	1	79.9	720	ug/Kg	10/28/25 15:16	PB170215
56-55-3	Benzo(a)anthracene	370	U	1	50.1	370	ug/Kg	10/28/25 15:16	PB170215
218-01-9	Chrysene	370	U	1	43.3	370	ug/Kg	10/28/25 15:16	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	370	U	1	130	370	ug/Kg	10/28/25 15:16	PB170215
117-84-0	Di-n-octyl phthalate	720	U	1	190	720	ug/Kg	10/28/25 15:16	PB170215
205-99-2	Benzo(b)fluoranthene	370	U	1	41.4	370	ug/Kg	10/28/25 15:16	PB170215
207-08-9	Benzo(k)fluoranthene	370	U	1	48.8	370	ug/Kg	10/28/25 15:16	PB170215
50-32-8	Benzo(a)pyrene	370	U	1	64.2	370	ug/Kg	10/28/25 15:16	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	370	U	1	63.4	370	ug/Kg	10/28/25 15:16	PB170215
53-70-3	Dibenzo(a,h)anthracene	370	U	1	59.7	370	ug/Kg	10/28/25 15:16	PB170215
191-24-2	Benzo(g,h,i)perylene	370	U	1	56.0	370	ug/Kg	10/28/25 15:16	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	1	55.7	370	ug/Kg	10/28/25 15:16	PB170215
123-91-1	1,4-Dioxane	370	U	1	98.4	370	ug/Kg	10/28/25 15:16	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	1	59.7	370	ug/Kg	10/28/25 15:16	PB170215

SURROGATES

367-12-4	2-Fluorophenol	79.2		18 - 112	53%	SPK: 150
13127-88-3	Phenol-d6	84.4		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.6		18 - 107	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.3		20 - 109	49%	SPK: 100
118-79-6	2,4,6-Tribromophenol	90.3		10 - 116	60%	SPK: 150
1718-51-0	Terphenyl-d14	62.9		10 - 105	63%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	64900
1146-65-2	Naphthalene-d8	250000
15067-26-2	Acenaphthene-d10	147000
1517-22-2	Phenanthrene-d10	261000
1719-03-5	Chrysene-d12	153000
1520-96-3	Perylene-d12	162000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	660	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	390	J	11.9	ug/Kg

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Prep Method :	SW3541	Prep Date: 10/23/25		

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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