

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S12-047072-20251016
Lab Sample ID: Q3376-04
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method: SW3510C Prep Date: 10/21/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 51.3
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	640	U	1	300	640	ug/Kg	10/22/25 14:22	PB170180
108-95-2	Phenol	330	U	1	43.0	330	ug/Kg	10/22/25 14:22	PB170180
111-44-4	bis(2-Chloroethyl)ether	330	U	1	47.3	330	ug/Kg	10/22/25 14:22	PB170180
95-57-8	2-Chlorophenol	330	U	1	47.5	330	ug/Kg	10/22/25 14:22	PB170180
95-48-7	2-Methylphenol	330	U	1	58.1	330	ug/Kg	10/22/25 14:22	PB170180
108-60-1	2,2-oxybis(1-Chloropropane)	330	U	1	72.9	330	ug/Kg	10/22/25 14:22	PB170180
98-86-2	Acetophenone	330	U	1	57.4	330	ug/Kg	10/22/25 14:22	PB170180
65794-96-9	3+4-Methylphenols	640	U	1	79.9	640	ug/Kg	10/22/25 14:22	PB170180
621-64-7	n-Nitroso-di-n-propylamine	160	U	1	92.2	160	ug/Kg	10/22/25 14:22	PB170180
67-72-1	Hexachloroethane	330	U	1	34.2	330	ug/Kg	10/22/25 14:22	PB170180
98-95-3	Nitrobenzene	330	U	1	35.6	330	ug/Kg	10/22/25 14:22	PB170180
78-59-1	Isophorone	330	U	1	63.8	330	ug/Kg	10/22/25 14:22	PB170180
88-75-5	2-Nitrophenol	330	U	1	110	330	ug/Kg	10/22/25 14:22	PB170180
105-67-9	2,4-Dimethylphenol	330	U	1	130	330	ug/Kg	10/22/25 14:22	PB170180
111-91-1	bis(2-Chloroethoxy)methane	330	U	1	59.9	330	ug/Kg	10/22/25 14:22	PB170180
120-83-2	2,4-Dichlorophenol	330	U	1	55.0	330	ug/Kg	10/22/25 14:22	PB170180
91-20-3	Naphthalene	330	U	1	44.1	330	ug/Kg	10/22/25 14:22	PB170180
106-47-8	4-Chloroaniline	330	U	1	68.8	330	ug/Kg	10/22/25 14:22	PB170180
87-68-3	Hexachlorobutadiene	330	U	1	49.2	330	ug/Kg	10/22/25 14:22	PB170180
105-60-2	Caprolactam	640	U	1	100	640	ug/Kg	10/22/25 14:22	PB170180
59-50-7	4-Chloro-3-methylphenol	330	U	1	55.8	330	ug/Kg	10/22/25 14:22	PB170180
91-57-6	2-Methylnaphthalene	330	U	1	49.8	330	ug/Kg	10/22/25 14:22	PB170180
77-47-4	Hexachlorocyclopentadiene	640	U	1	230	640	ug/Kg	10/22/25 14:22	PB170180
88-06-2	2,4,6-Trichlorophenol	330	U	1	38.5	330	ug/Kg	10/22/25 14:22	PB170180
95-95-4	2,4,5-Trichlorophenol	330	U	1	56.6	330	ug/Kg	10/22/25 14:22	PB170180
92-52-4	1,1-Biphenyl	330	U	1	42.4	330	ug/Kg	10/22/25 14:22	PB170180
91-58-7	2-Chloronaphthalene	330	U	1	43.8	330	ug/Kg	10/22/25 14:22	PB170180
88-74-4	2-Nitroaniline	330	U	1	93.5	330	ug/Kg	10/22/25 14:22	PB170180
131-11-3	Dimethylphthalate	330	U	1	52.7	330	ug/Kg	10/22/25 14:22	PB170180
208-96-8	Acenaphthylene	330	U	1	56.2	330	ug/Kg	10/22/25 14:22	PB170180
606-20-2	2,6-Dinitrotoluene	330	UQ	1	65.3	330	ug/Kg	10/22/25 14:22	PB170180
99-09-2	3-Nitroaniline	330	U	1	89.5	330	ug/Kg	10/22/25 14:22	PB170180
83-32-9	Acenaphthene	330	U	1	41.4	330	ug/Kg	10/22/25 14:22	PB170180
51-28-5	2,4-Dinitrophenol	640	U	1	450	640	ug/Kg	10/22/25 14:22	PB170180
100-02-7	4-Nitrophenol	640	U	1	210	640	ug/Kg	10/22/25 14:22	PB170180
132-64-9	Dibenzofuran	330	U	1	44.1	330	ug/Kg	10/22/25 14:22	PB170180
121-14-2	2,4-Dinitrotoluene	330	U	1	97.4	330	ug/Kg	10/22/25 14:22	PB170180
84-66-2	Diethylphthalate	330	U	1	55.0	330	ug/Kg	10/22/25 14:22	PB170180
7005-72-3	4-Chlorophenyl-phenylether	330	U	1	51.9	330	ug/Kg	10/22/25 14:22	PB170180
86-73-7	Fluorene	330	U	1	49.2	330	ug/Kg	10/22/25 14:22	PB170180
100-01-6	4-Nitroaniline	330	U	1	120	330	ug/Kg	10/22/25 14:22	PB170180
534-52-1	4,6-Dinitro-2-methylphenol	640	U	1	200	640	ug/Kg	10/22/25 14:22	PB170180

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86-30-6	n-Nitrosodiphenylamine	330	U	1	64.0	330	ug/Kg	10/22/25 14:22	PB170180
101-55-3	4-Bromophenyl-phenylether	330	U	1	54.1	330	ug/Kg	10/22/25 14:22	PB170180
118-74-1	Hexachlorobenzene	330	U	1	49.2	330	ug/Kg	10/22/25 14:22	PB170180
1912-24-9	Atrazine	330	U	1	66.1	330	ug/Kg	10/22/25 14:22	PB170180
87-86-5	Pentachlorophenol	640	U	1	99.8	640	ug/Kg	10/22/25 14:22	PB170180
85-01-8	Phenanthrene	330	U	1	40.6	330	ug/Kg	10/22/25 14:22	PB170180
120-12-7	Anthracene	330	U	1	64.8	330	ug/Kg	10/22/25 14:22	PB170180
86-74-8	Carbazole	330	U	1	60.7	330	ug/Kg	10/22/25 14:22	PB170180
84-74-2	Di-n-butylphthalate	330	U	1	93.2	330	ug/Kg	10/22/25 14:22	PB170180
206-44-0	Fluoranthene	330	U	1	58.3	330	ug/Kg	10/22/25 14:22	PB170180
129-00-0	Pyrene	330	U	1	70.0	330	ug/Kg	10/22/25 14:22	PB170180
85-68-7	Butylbenzylphthalate	330	U	1	140	330	ug/Kg	10/22/25 14:22	PB170180
91-94-1	3,3-Dichlorobenzidine	640	U	1	71.4	640	ug/Kg	10/22/25 14:22	PB170180
56-55-3	Benzo(a)anthracene	330	U	1	44.7	330	ug/Kg	10/22/25 14:22	PB170180
218-01-9	Chrysene	330	U	1	38.7	330	ug/Kg	10/22/25 14:22	PB170180
117-81-7	Bis(2-ethylhexyl)phthalate	330	U	1	120	330	ug/Kg	10/22/25 14:22	PB170180
117-84-0	Di-n-octyl phthalate	640	U	1	170	640	ug/Kg	10/22/25 14:22	PB170180
205-99-2	Benzo(b)fluoranthene	330	U	1	37.0	330	ug/Kg	10/22/25 14:22	PB170180
207-08-9	Benzo(k)fluoranthene	330	U	1	43.6	330	ug/Kg	10/22/25 14:22	PB170180
50-32-8	Benzo(a)pyrene	330	U	1	57.4	330	ug/Kg	10/22/25 14:22	PB170180
193-39-5	Indeno(1,2,3-cd)pyrene	330	UQ	1	56.6	330	ug/Kg	10/22/25 14:22	PB170180
53-70-3	Dibenzo(a,h)anthracene	330	U	1	53.3	330	ug/Kg	10/22/25 14:22	PB170180
191-24-2	Benzo(g,h,i)perylene	330	UQ	1	50.0	330	ug/Kg	10/22/25 14:22	PB170180
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	1	49.8	330	ug/Kg	10/22/25 14:22	PB170180
123-91-1	1,4-Dioxane	330	U	1	87.9	330	ug/Kg	10/22/25 14:22	PB170180
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	1	53.3	330	ug/Kg	10/22/25 14:22	PB170180

SURROGATES

367-12-4	2-Fluorophenol	34.8		18 - 112	23%	SPK: 150
13127-88-3	Phenol-d6	33.2		15 - 107	22%	SPK: 150
4165-60-0	Nitrobenzene-d5	22.6		18 - 107	23%	SPK: 100
321-60-8	2-Fluorobiphenyl	22.8		20 - 109	23%	SPK: 100
118-79-6	2,4,6-Tribromophenol	43.4		10 - 116	29%	SPK: 150
1718-51-0	Terphenyl-d14	24.1		10 - 105	24%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	70900
1146-65-2	Naphthalene-d8	251000
15067-26-2	Acenaphthene-d10	130000
1517-22-2	Phenanthrene-d10	213000
1719-03-5	Chrysene-d12	243000
1520-96-3	Perylene-d12	287000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	290	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	140	J	11.9	ug/Kg

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Prep Method :	SW3510C	Prep Date: 10/21/25		

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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