

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S10-000022-20251017
Lab Sample ID: Q3393-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/21/25

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3393
Matrix: SOIL
% Solid: 56
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	590	U	1	280	590	ug/Kg	10/22/25 12:26	PB170180
108-95-2	Phenol	300	U	1	39.4	300	ug/Kg	10/22/25 12:26	PB170180
111-44-4	bis(2-Chloroethyl)ether	300	U	1	43.3	300	ug/Kg	10/22/25 12:26	PB170180
95-57-8	2-Chlorophenol	300	U	1	43.5	300	ug/Kg	10/22/25 12:26	PB170180
95-48-7	2-Methylphenol	300	U	1	53.3	300	ug/Kg	10/22/25 12:26	PB170180
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	1	66.9	300	ug/Kg	10/22/25 12:26	PB170180
98-86-2	Acetophenone	300	U	1	52.6	300	ug/Kg	10/22/25 12:26	PB170180
65794-96-9	3+4-Methylphenols	590	U	1	73.3	590	ug/Kg	10/22/25 12:26	PB170180
621-64-7	n-Nitroso-di-n-propylamine	140	U	1	84.5	140	ug/Kg	10/22/25 12:26	PB170180
67-72-1	Hexachloroethane	300	U	1	31.4	300	ug/Kg	10/22/25 12:26	PB170180
98-95-3	Nitrobenzene	300	U	1	32.6	300	ug/Kg	10/22/25 12:26	PB170180
78-59-1	Isophorone	300	U	1	58.5	300	ug/Kg	10/22/25 12:26	PB170180
88-75-5	2-Nitrophenol	300	U	1	100	300	ug/Kg	10/22/25 12:26	PB170180
105-67-9	2,4-Dimethylphenol	300	U	1	120	300	ug/Kg	10/22/25 12:26	PB170180
111-91-1	bis(2-Chloroethoxy)methane	300	U	1	54.9	300	ug/Kg	10/22/25 12:26	PB170180
120-83-2	2,4-Dichlorophenol	300	U	1	50.5	300	ug/Kg	10/22/25 12:26	PB170180
91-20-3	Naphthalene	300	U	1	40.5	300	ug/Kg	10/22/25 12:26	PB170180
106-47-8	4-Chloroaniline	300	U	1	63.1	300	ug/Kg	10/22/25 12:26	PB170180
87-68-3	Hexachlorobutadiene	300	U	1	45.1	300	ug/Kg	10/22/25 12:26	PB170180
105-60-2	Caprolactam	590	U	1	92.9	590	ug/Kg	10/22/25 12:26	PB170180
59-50-7	4-Chloro-3-methylphenol	300	U	1	51.2	300	ug/Kg	10/22/25 12:26	PB170180
91-57-6	2-Methylnaphthalene	300	U	1	45.6	300	ug/Kg	10/22/25 12:26	PB170180
77-47-4	Hexachlorocyclopentadiene	590	U	1	210	590	ug/Kg	10/22/25 12:26	PB170180
88-06-2	2,4,6-Trichlorophenol	300	U	1	35.3	300	ug/Kg	10/22/25 12:26	PB170180
95-95-4	2,4,5-Trichlorophenol	300	U	1	51.9	300	ug/Kg	10/22/25 12:26	PB170180
92-52-4	1,1-Biphenyl	300	U	1	38.9	300	ug/Kg	10/22/25 12:26	PB170180
91-58-7	2-Chloronaphthalene	300	U	1	40.1	300	ug/Kg	10/22/25 12:26	PB170180
88-74-4	2-Nitroaniline	300	U	1	85.7	300	ug/Kg	10/22/25 12:26	PB170180
131-11-3	Dimethylphthalate	300	U	1	48.3	300	ug/Kg	10/22/25 12:26	PB170180
208-96-8	Acenaphthylene	300	U	1	51.5	300	ug/Kg	10/22/25 12:26	PB170180
606-20-2	2,6-Dinitrotoluene	300	UQ	1	59.9	300	ug/Kg	10/22/25 12:26	PB170180
99-09-2	3-Nitroaniline	300	U	1	82.0	300	ug/Kg	10/22/25 12:26	PB170180
83-32-9	Acenaphthene	300	U	1	38.0	300	ug/Kg	10/22/25 12:26	PB170180
51-28-5	2,4-Dinitrophenol	590	U	1	410	590	ug/Kg	10/22/25 12:26	PB170180
100-02-7	4-Nitrophenol	590	U	1	190	590	ug/Kg	10/22/25 12:26	PB170180
132-64-9	Dibenzofuran	300	U	1	40.5	300	ug/Kg	10/22/25 12:26	PB170180
121-14-2	2,4-Dinitrotoluene	300	U	1	89.3	300	ug/Kg	10/22/25 12:26	PB170180
84-66-2	Diethylphthalate	300	U	1	50.5	300	ug/Kg	10/22/25 12:26	PB170180
7005-72-3	4-Chlorophenyl-phenylether	300	U	1	47.6	300	ug/Kg	10/22/25 12:26	PB170180
86-73-7	Fluorene	300	U	1	45.1	300	ug/Kg	10/22/25 12:26	PB170180
100-01-6	4-Nitroaniline	300	U	1	110	300	ug/Kg	10/22/25 12:26	PB170180
534-52-1	4,6-Dinitro-2-methylphenol	590	U	1	180	590	ug/Kg	10/22/25 12:26	PB170180

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86-30-6	n-Nitrosodiphenylamine	300	U	1	58.7	300	ug/Kg	10/22/25 12:26	PB170180
101-55-3	4-Bromophenyl-phenylether	300	U	1	49.6	300	ug/Kg	10/22/25 12:26	PB170180
118-74-1	Hexachlorobenzene	300	U	1	45.1	300	ug/Kg	10/22/25 12:26	PB170180
1912-24-9	Atrazine	300	U	1	60.6	300	ug/Kg	10/22/25 12:26	PB170180
87-86-5	Pentachlorophenol	590	U	1	91.5	590	ug/Kg	10/22/25 12:26	PB170180
85-01-8	Phenanthrene	150	J	1	37.3	300	ug/Kg	10/22/25 12:26	PB170180
120-12-7	Anthracene	300	U	1	59.4	300	ug/Kg	10/22/25 12:26	PB170180
86-74-8	Carbazole	300	U	1	55.6	300	ug/Kg	10/22/25 12:26	PB170180
84-74-2	Di-n-butylphthalate	300	U	1	85.4	300	ug/Kg	10/22/25 12:26	PB170180
206-44-0	Fluoranthene	160	J	1	53.5	300	ug/Kg	10/22/25 12:26	PB170180
129-00-0	Pyrene	300	U	1	64.2	300	ug/Kg	10/22/25 12:26	PB170180
85-68-7	Butylbenzylphthalate	300	U	1	130	300	ug/Kg	10/22/25 12:26	PB170180
91-94-1	3,3-Dichlorobenzidine	590	U	1	65.4	590	ug/Kg	10/22/25 12:26	PB170180
56-55-3	Benzo(a)anthracene	300	U	1	41.0	300	ug/Kg	10/22/25 12:26	PB170180
218-01-9	Chrysene	300	U	1	35.5	300	ug/Kg	10/22/25 12:26	PB170180
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	1	110	300	ug/Kg	10/22/25 12:26	PB170180
117-84-0	Di-n-octyl phthalate	590	U	1	150	590	ug/Kg	10/22/25 12:26	PB170180
205-99-2	Benzo(b)fluoranthene	300	U	1	33.9	300	ug/Kg	10/22/25 12:26	PB170180
207-08-9	Benzo(k)fluoranthene	300	U	1	39.9	300	ug/Kg	10/22/25 12:26	PB170180
50-32-8	Benzo(a)pyrene	300	U	1	52.6	300	ug/Kg	10/22/25 12:26	PB170180
193-39-5	Indeno(1,2,3-cd)pyrene	300	UQ	1	51.9	300	ug/Kg	10/22/25 12:26	PB170180
53-70-3	Dibenzo(a,h)anthracene	300	U	1	48.8	300	ug/Kg	10/22/25 12:26	PB170180
191-24-2	Benzo(g,h,i)perylene	300	UQ	1	45.8	300	ug/Kg	10/22/25 12:26	PB170180
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	1	45.6	300	ug/Kg	10/22/25 12:26	PB170180
123-91-1	1,4-Dioxane	300	U	1	80.6	300	ug/Kg	10/22/25 12:26	PB170180
58-90-2	2,3,4,6-Tetrachlorophenol	300	U	1	48.8	300	ug/Kg	10/22/25 12:26	PB170180

SURROGATES

367-12-4	2-Fluorophenol	43.3		18 - 112	29%	SPK: 150
13127-88-3	Phenol-d6	40.8		15 - 107	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	26.2		18 - 107	26%	SPK: 100
321-60-8	2-Fluorobiphenyl	26.0		20 - 109	26%	SPK: 100
118-79-6	2,4,6-Tribromophenol	36.7		10 - 116	24%	SPK: 150
1718-51-0	Terphenyl-d14	22.3		10 - 105	22%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	90800
1146-65-2	Naphthalene-d8	335000
15067-26-2	Acenaphthene-d10	161000
1517-22-2	Phenanthrene-d10	270000
1719-03-5	Chrysene-d12	235000
1520-96-3	Perylene-d12	281000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	210	J		10.6	ug/Kg
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Prep Method :	SW3541	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