

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S10-022047-20251017
Lab Sample ID: Q3393-02
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 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: 54
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	610	U	1	290	610	ug/Kg	10/21/25 23:51	PB170180
108-95-2	Phenol	310	U	1	40.9	310	ug/Kg	10/21/25 23:51	PB170180
111-44-4	bis(2-Chloroethyl)ether	310	U	1	44.9	310	ug/Kg	10/21/25 23:51	PB170180
95-57-8	2-Chlorophenol	310	U	1	45.1	310	ug/Kg	10/21/25 23:51	PB170180
95-48-7	2-Methylphenol	310	U	1	55.3	310	ug/Kg	10/21/25 23:51	PB170180
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	1	69.4	310	ug/Kg	10/21/25 23:51	PB170180
98-86-2	Acetophenone	310	U	1	54.6	310	ug/Kg	10/21/25 23:51	PB170180
65794-96-9	3+4-Methylphenols	610	U	1	76.0	610	ug/Kg	10/21/25 23:51	PB170180
621-64-7	n-Nitroso-di-n-propylamine	150	U	1	87.7	150	ug/Kg	10/21/25 23:51	PB170180
67-72-1	Hexachloroethane	310	U	1	32.5	310	ug/Kg	10/21/25 23:51	PB170180
98-95-3	Nitrobenzene	310	U	1	33.8	310	ug/Kg	10/21/25 23:51	PB170180
78-59-1	Isophorone	310	U	1	60.7	310	ug/Kg	10/21/25 23:51	PB170180
88-75-5	2-Nitrophenol	310	U	1	110	310	ug/Kg	10/21/25 23:51	PB170180
105-67-9	2,4-Dimethylphenol	310	U	1	120	310	ug/Kg	10/21/25 23:51	PB170180
111-91-1	bis(2-Chloroethoxy)methane	310	U	1	57.0	310	ug/Kg	10/21/25 23:51	PB170180
120-83-2	2,4-Dichlorophenol	310	U	1	52.3	310	ug/Kg	10/21/25 23:51	PB170180
91-20-3	Naphthalene	310	U	1	42.0	310	ug/Kg	10/21/25 23:51	PB170180
106-47-8	4-Chloroaniline	310	U	1	65.5	310	ug/Kg	10/21/25 23:51	PB170180
87-68-3	Hexachlorobutadiene	310	U	1	46.8	310	ug/Kg	10/21/25 23:51	PB170180
105-60-2	Caprolactam	610	U	1	96.4	610	ug/Kg	10/21/25 23:51	PB170180
59-50-7	4-Chloro-3-methylphenol	310	U	1	53.1	310	ug/Kg	10/21/25 23:51	PB170180
91-57-6	2-Methylnaphthalene	310	U	1	47.3	310	ug/Kg	10/21/25 23:51	PB170180
77-47-4	Hexachlorocyclopentadiene	610	U	1	210	610	ug/Kg	10/21/25 23:51	PB170180
88-06-2	2,4,6-Trichlorophenol	310	U	1	36.6	310	ug/Kg	10/21/25 23:51	PB170180
95-95-4	2,4,5-Trichlorophenol	310	U	1	53.8	310	ug/Kg	10/21/25 23:51	PB170180
92-52-4	1,1-Biphenyl	310	U	1	40.3	310	ug/Kg	10/21/25 23:51	PB170180
91-58-7	2-Chloronaphthalene	310	U	1	41.6	310	ug/Kg	10/21/25 23:51	PB170180
88-74-4	2-Nitroaniline	310	U	1	89.0	310	ug/Kg	10/21/25 23:51	PB170180
131-11-3	Dimethylphthalate	310	U	1	50.1	310	ug/Kg	10/21/25 23:51	PB170180
208-96-8	Acenaphthylene	310	U	1	53.4	310	ug/Kg	10/21/25 23:51	PB170180
606-20-2	2,6-Dinitrotoluene	310	UQ	1	62.1	310	ug/Kg	10/21/25 23:51	PB170180
99-09-2	3-Nitroaniline	310	U	1	85.1	310	ug/Kg	10/21/25 23:51	PB170180
83-32-9	Acenaphthene	310	U	1	39.4	310	ug/Kg	10/21/25 23:51	PB170180
51-28-5	2,4-Dinitrophenol	610	U	1	420	610	ug/Kg	10/21/25 23:51	PB170180
100-02-7	4-Nitrophenol	610	U	1	200	610	ug/Kg	10/21/25 23:51	PB170180
132-64-9	Dibenzofuran	310	U	1	42.0	310	ug/Kg	10/21/25 23:51	PB170180
121-14-2	2,4-Dinitrotoluene	310	U	1	92.7	310	ug/Kg	10/21/25 23:51	PB170180
84-66-2	Diethylphthalate	310	U	1	52.3	310	ug/Kg	10/21/25 23:51	PB170180
7005-72-3	4-Chlorophenyl-phenylether	310	U	1	49.4	310	ug/Kg	10/21/25 23:51	PB170180
86-73-7	Fluorene	310	U	1	46.8	310	ug/Kg	10/21/25 23:51	PB170180
100-01-6	4-Nitroaniline	310	U	1	120	310	ug/Kg	10/21/25 23:51	PB170180
534-52-1	4,6-Dinitro-2-methylphenol	610	U	1	190	610	ug/Kg	10/21/25 23:51	PB170180

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Matrix: SOIL
% Solid: 54
Test: SVOC-TCL BNA -20

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86-30-6	n-Nitrosodiphenylamine	310	U	1	60.8	310	ug/Kg	10/21/25 23:51	PB170180
101-55-3	4-Bromophenyl-phenylether	310	U	1	51.4	310	ug/Kg	10/21/25 23:51	PB170180
118-74-1	Hexachlorobenzene	310	U	1	46.8	310	ug/Kg	10/21/25 23:51	PB170180
1912-24-9	Atrazine	310	U	1	62.9	310	ug/Kg	10/21/25 23:51	PB170180
87-86-5	Pentachlorophenol	610	U	1	94.9	610	ug/Kg	10/21/25 23:51	PB170180
85-01-8	Phenanthrene	310	U	1	38.7	310	ug/Kg	10/21/25 23:51	PB170180
120-12-7	Anthracene	310	U	1	61.6	310	ug/Kg	10/21/25 23:51	PB170180
86-74-8	Carbazole	310	U	1	57.7	310	ug/Kg	10/21/25 23:51	PB170180
84-74-2	Di-n-butylphthalate	310	U	1	88.6	310	ug/Kg	10/21/25 23:51	PB170180
206-44-0	Fluoranthene	310	U	1	55.5	310	ug/Kg	10/21/25 23:51	PB170180
129-00-0	Pyrene	310	U	1	66.6	310	ug/Kg	10/21/25 23:51	PB170180
85-68-7	Butylbenzylphthalate	310	U	1	130	310	ug/Kg	10/21/25 23:51	PB170180
91-94-1	3,3-Dichlorobenzidine	610	U	1	67.9	610	ug/Kg	10/21/25 23:51	PB170180
56-55-3	Benzo(a)anthracene	310	U	1	42.5	310	ug/Kg	10/21/25 23:51	PB170180
218-01-9	Chrysene	310	U	1	36.8	310	ug/Kg	10/21/25 23:51	PB170180
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	1	110	310	ug/Kg	10/21/25 23:51	PB170180
117-84-0	Di-n-octyl phthalate	610	U	1	160	610	ug/Kg	10/21/25 23:51	PB170180
205-99-2	Benzo(b)fluoranthene	310	U	1	35.1	310	ug/Kg	10/21/25 23:51	PB170180
207-08-9	Benzo(k)fluoranthene	310	U	1	41.4	310	ug/Kg	10/21/25 23:51	PB170180
50-32-8	Benzo(a)pyrene	310	U	1	54.6	310	ug/Kg	10/21/25 23:51	PB170180
193-39-5	Indeno(1,2,3-cd)pyrene	310	UQ	1	53.8	310	ug/Kg	10/21/25 23:51	PB170180
53-70-3	Dibenzo(a,h)anthracene	310	U	1	50.7	310	ug/Kg	10/21/25 23:51	PB170180
191-24-2	Benzo(g,h,i)perylene	310	UQ	1	47.5	310	ug/Kg	10/21/25 23:51	PB170180
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	1	47.3	310	ug/Kg	10/21/25 23:51	PB170180
123-91-1	1,4-Dioxane	310	U	1	83.6	310	ug/Kg	10/21/25 23:51	PB170180
58-90-2	2,3,4,6-Tetrachlorophenol	310	U	1	50.7	310	ug/Kg	10/21/25 23:51	PB170180

SURROGATES

367-12-4	2-Fluorophenol	65.8		18 - 112	44%	SPK: 150
13127-88-3	Phenol-d6	63.2		15 - 107	42%	SPK: 150
4165-60-0	Nitrobenzene-d5	42.8		18 - 107	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	34.4		20 - 109	34%	SPK: 100
118-79-6	2,4,6-Tribromophenol	44.7		10 - 116	30%	SPK: 150
1718-51-0	Terphenyl-d14	27.7		10 - 105	28%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	96300
1146-65-2	Naphthalene-d8	360000
15067-26-2	Acenaphthene-d10	172000
1517-22-2	Phenanthrene-d10	260000
1719-03-5	Chrysene-d12	240000
1520-96-3	Perylene-d12	288000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	340	J	10.6	ug/Kg
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Client Sample ID:	PR132-S10-022047-20251017		SDG No.:	Q3393
Lab Sample ID:	Q3393-02		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	54
Sample Wt/Vol:	30.04 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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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