

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S08-000013-20251017
Lab Sample ID: Q3393-05
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: 52
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	630	U	1	300	630	ug/Kg	10/22/25 11:57	PB170180
108-95-2	Phenol	330	U	1	42.4	330	ug/Kg	10/22/25 11:57	PB170180
111-44-4	bis(2-Chloroethyl)ether	330	U	1	46.7	330	ug/Kg	10/22/25 11:57	PB170180
95-57-8	2-Chlorophenol	330	U	1	46.8	330	ug/Kg	10/22/25 11:57	PB170180
95-48-7	2-Methylphenol	330	U	1	57.4	330	ug/Kg	10/22/25 11:57	PB170180
108-60-1	2,2-oxybis(1-Chloropropane)	330	U	1	72.0	330	ug/Kg	10/22/25 11:57	PB170180
98-86-2	Acetophenone	330	U	1	56.6	330	ug/Kg	10/22/25 11:57	PB170180
65794-96-9	3+4-Methylphenols	630	U	1	78.9	630	ug/Kg	10/22/25 11:57	PB170180
621-64-7	n-Nitroso-di-n-propylamine	150	U	1	91.0	150	ug/Kg	10/22/25 11:57	PB170180
67-72-1	Hexachloroethane	330	U	1	33.8	330	ug/Kg	10/22/25 11:57	PB170180
98-95-3	Nitrobenzene	330	U	1	35.1	330	ug/Kg	10/22/25 11:57	PB170180
78-59-1	Isophorone	330	U	1	63.0	330	ug/Kg	10/22/25 11:57	PB170180
88-75-5	2-Nitrophenol	330	U	1	110	330	ug/Kg	10/22/25 11:57	PB170180
105-67-9	2,4-Dimethylphenol	330	U	1	120	330	ug/Kg	10/22/25 11:57	PB170180
111-91-1	bis(2-Chloroethoxy)methane	330	U	1	59.1	330	ug/Kg	10/22/25 11:57	PB170180
120-83-2	2,4-Dichlorophenol	330	U	1	54.3	330	ug/Kg	10/22/25 11:57	PB170180
91-20-3	Naphthalene	330	U	1	43.6	330	ug/Kg	10/22/25 11:57	PB170180
106-47-8	4-Chloroaniline	330	U	1	68.0	330	ug/Kg	10/22/25 11:57	PB170180
87-68-3	Hexachlorobutadiene	330	U	1	48.6	330	ug/Kg	10/22/25 11:57	PB170180
105-60-2	Caprolactam	630	U	1	100	630	ug/Kg	10/22/25 11:57	PB170180
59-50-7	4-Chloro-3-methylphenol	330	U	1	55.1	330	ug/Kg	10/22/25 11:57	PB170180
91-57-6	2-Methylnaphthalene	330	U	1	49.1	330	ug/Kg	10/22/25 11:57	PB170180
77-47-4	Hexachlorocyclopentadiene	630	U	1	220	630	ug/Kg	10/22/25 11:57	PB170180
88-06-2	2,4,6-Trichlorophenol	330	U	1	38.0	330	ug/Kg	10/22/25 11:57	PB170180
95-95-4	2,4,5-Trichlorophenol	330	U	1	55.9	330	ug/Kg	10/22/25 11:57	PB170180
92-52-4	1,1-Biphenyl	330	U	1	41.9	330	ug/Kg	10/22/25 11:57	PB170180
91-58-7	2-Chloronaphthalene	330	U	1	43.2	330	ug/Kg	10/22/25 11:57	PB170180
88-74-4	2-Nitroaniline	330	U	1	92.3	330	ug/Kg	10/22/25 11:57	PB170180
131-11-3	Dimethylphthalate	330	U	1	52.0	330	ug/Kg	10/22/25 11:57	PB170180
208-96-8	Acenaphthylene	330	U	1	55.5	330	ug/Kg	10/22/25 11:57	PB170180
606-20-2	2,6-Dinitrotoluene	330	UQ	1	64.5	330	ug/Kg	10/22/25 11:57	PB170180
99-09-2	3-Nitroaniline	330	U	1	88.3	330	ug/Kg	10/22/25 11:57	PB170180
83-32-9	Acenaphthene	140	J	1	40.9	330	ug/Kg	10/22/25 11:57	PB170180
51-28-5	2,4-Dinitrophenol	630	U	1	440	630	ug/Kg	10/22/25 11:57	PB170180
100-02-7	4-Nitrophenol	630	U	1	210	630	ug/Kg	10/22/25 11:57	PB170180
132-64-9	Dibenzofuran	330	U	1	43.6	330	ug/Kg	10/22/25 11:57	PB170180
121-14-2	2,4-Dinitrotoluene	330	U	1	96.2	330	ug/Kg	10/22/25 11:57	PB170180
84-66-2	Diethylphthalate	330	U	1	54.3	330	ug/Kg	10/22/25 11:57	PB170180
7005-72-3	4-Chlorophenyl-phenylether	330	U	1	51.3	330	ug/Kg	10/22/25 11:57	PB170180
86-73-7	Fluorene	330	U	1	48.6	330	ug/Kg	10/22/25 11:57	PB170180
100-01-6	4-Nitroaniline	330	U	1	120	330	ug/Kg	10/22/25 11:57	PB170180
534-52-1	4,6-Dinitro-2-methylphenol	630	U	1	200	630	ug/Kg	10/22/25 11:57	PB170180

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86-30-6	n-Nitrosodiphenylamine	330	U	1	63.2	330	ug/Kg	10/22/25 11:57	PB170180
101-55-3	4-Bromophenyl-phenylether	330	U	1	53.4	330	ug/Kg	10/22/25 11:57	PB170180
118-74-1	Hexachlorobenzene	330	U	1	48.6	330	ug/Kg	10/22/25 11:57	PB170180
1912-24-9	Atrazine	330	U	1	65.3	330	ug/Kg	10/22/25 11:57	PB170180
87-86-5	Pentachlorophenol	630	U	1	98.5	630	ug/Kg	10/22/25 11:57	PB170180
85-01-8	Phenanthrene	290	J	1	40.1	330	ug/Kg	10/22/25 11:57	PB170180
120-12-7	Anthracene	330	U	1	63.9	330	ug/Kg	10/22/25 11:57	PB170180
86-74-8	Carbazole	330	U	1	59.9	330	ug/Kg	10/22/25 11:57	PB170180
84-74-2	Di-n-butylphthalate	330	U	1	92.0	330	ug/Kg	10/22/25 11:57	PB170180
206-44-0	Fluoranthene	190	J	1	57.6	330	ug/Kg	10/22/25 11:57	PB170180
129-00-0	Pyrene	330	U	1	69.1	330	ug/Kg	10/22/25 11:57	PB170180
85-68-7	Butylbenzylphthalate	330	U	1	140	330	ug/Kg	10/22/25 11:57	PB170180
91-94-1	3,3-Dichlorobenzidine	630	U	1	70.5	630	ug/Kg	10/22/25 11:57	PB170180
56-55-3	Benzo(a)anthracene	330	U	1	44.2	330	ug/Kg	10/22/25 11:57	PB170180
218-01-9	Chrysene	330	U	1	38.2	330	ug/Kg	10/22/25 11:57	PB170180
117-81-7	Bis(2-ethylhexyl)phthalate	330	U	1	110	330	ug/Kg	10/22/25 11:57	PB170180
117-84-0	Di-n-octyl phthalate	630	U	1	170	630	ug/Kg	10/22/25 11:57	PB170180
205-99-2	Benzo(b)fluoranthene	330	U	1	36.5	330	ug/Kg	10/22/25 11:57	PB170180
207-08-9	Benzo(k)fluoranthene	330	U	1	43.0	330	ug/Kg	10/22/25 11:57	PB170180
50-32-8	Benzo(a)pyrene	330	U	1	56.6	330	ug/Kg	10/22/25 11:57	PB170180
193-39-5	Indeno(1,2,3-cd)pyrene	330	UQ	1	55.9	330	ug/Kg	10/22/25 11:57	PB170180
53-70-3	Dibenzo(a,h)anthracene	330	U	1	52.6	330	ug/Kg	10/22/25 11:57	PB170180
191-24-2	Benzo(g,h,i)perylene	330	UQ	1	49.3	330	ug/Kg	10/22/25 11:57	PB170180
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	1	49.1	330	ug/Kg	10/22/25 11:57	PB170180
123-91-1	1,4-Dioxane	330	U	1	86.8	330	ug/Kg	10/22/25 11:57	PB170180
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	1	52.6	330	ug/Kg	10/22/25 11:57	PB170180

SURROGATES

367-12-4	2-Fluorophenol	77.4		18 - 112	52%	SPK: 150
13127-88-3	Phenol-d6	75.0		15 - 107	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.3		18 - 107	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.2		20 - 109	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	64.2		10 - 116	43%	SPK: 150
1718-51-0	Terphenyl-d14	33.4		10 - 105	33%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	88300
1146-65-2	Naphthalene-d8	319000
15067-26-2	Acenaphthene-d10	158000
1517-22-2	Phenanthrene-d10	269000
1719-03-5	Chrysene-d12	225000
1520-96-3	Perylene-d12	269000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	390	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	140	J	11.9	ug/Kg

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Lab Sample ID:	Q3393-05		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	52
Sample Wt/Vol:	30.05 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