

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-COMP03-2025-20251017
Lab Sample ID: Q3395-06
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/23/25

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3395
Matrix: SOIL
% Solid: 69.8
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	470	U	1	220	470	ug/Kg	10/28/25 22:11	PB170215
108-95-2	Phenol	240	U	1	31.6	240	ug/Kg	10/28/25 22:11	PB170215
111-44-4	bis(2-Chloroethyl)ether	240	U	1	34.8	240	ug/Kg	10/28/25 22:11	PB170215
95-57-8	2-Chlorophenol	240	U	1	34.9	240	ug/Kg	10/28/25 22:11	PB170215
95-48-7	2-Methylphenol	240	U	1	42.8	240	ug/Kg	10/28/25 22:11	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	240	U	1	53.6	240	ug/Kg	10/28/25 22:11	PB170215
98-86-2	Acetophenone	240	U	1	42.2	240	ug/Kg	10/28/25 22:11	PB170215
65794-96-9	3+4-Methylphenols	470	U	1	58.8	470	ug/Kg	10/28/25 22:11	PB170215
621-64-7	n-Nitroso-di-n-propylamine	110	U	1	67.8	110	ug/Kg	10/28/25 22:11	PB170215
67-72-1	Hexachloroethane	240	U	1	25.2	240	ug/Kg	10/28/25 22:11	PB170215
98-95-3	Nitrobenzene	240	U	1	26.2	240	ug/Kg	10/28/25 22:11	PB170215
78-59-1	Isophorone	240	U	1	46.9	240	ug/Kg	10/28/25 22:11	PB170215
88-75-5	2-Nitrophenol	240	U	1	83.2	240	ug/Kg	10/28/25 22:11	PB170215
105-67-9	2,4-Dimethylphenol	240	U	1	92.7	240	ug/Kg	10/28/25 22:11	PB170215
111-91-1	bis(2-Chloroethoxy)methane	240	U	1	44.1	240	ug/Kg	10/28/25 22:11	PB170215
120-83-2	2,4-Dichlorophenol	240	U	1	40.5	240	ug/Kg	10/28/25 22:11	PB170215
91-20-3	Naphthalene	240	U	1	32.5	240	ug/Kg	10/28/25 22:11	PB170215
106-47-8	4-Chloroaniline	240	U	1	50.6	240	ug/Kg	10/28/25 22:11	PB170215
87-68-3	Hexachlorobutadiene	240	U	1	36.2	240	ug/Kg	10/28/25 22:11	PB170215
105-60-2	Caprolactam	470	U	1	74.5	470	ug/Kg	10/28/25 22:11	PB170215
59-50-7	4-Chloro-3-methylphenol	240	U	1	41.0	240	ug/Kg	10/28/25 22:11	PB170215
91-57-6	2-Methylnaphthalene	240	U	1	36.6	240	ug/Kg	10/28/25 22:11	PB170215
77-47-4	Hexachlorocyclopentadiene	470	U	1	170	470	ug/Kg	10/28/25 22:11	PB170215
88-06-2	2,4,6-Trichlorophenol	240	U	1	28.3	240	ug/Kg	10/28/25 22:11	PB170215
95-95-4	2,4,5-Trichlorophenol	240	U	1	41.6	240	ug/Kg	10/28/25 22:11	PB170215
92-52-4	1,1-Biphenyl	240	U	1	31.2	240	ug/Kg	10/28/25 22:11	PB170215
91-58-7	2-Chloronaphthalene	240	U	1	32.2	240	ug/Kg	10/28/25 22:11	PB170215
88-74-4	2-Nitroaniline	240	U	1	68.8	240	ug/Kg	10/28/25 22:11	PB170215
131-11-3	Dimethylphthalate	240	U	1	38.8	240	ug/Kg	10/28/25 22:11	PB170215
208-96-8	Acenaphthylene	240	U	1	41.3	240	ug/Kg	10/28/25 22:11	PB170215
606-20-2	2,6-Dinitrotoluene	240	U	1	48.1	240	ug/Kg	10/28/25 22:11	PB170215
99-09-2	3-Nitroaniline	240	U	1	65.8	240	ug/Kg	10/28/25 22:11	PB170215
83-32-9	Acenaphthene	240	U	1	30.5	240	ug/Kg	10/28/25 22:11	PB170215
51-28-5	2,4-Dinitrophenol	470	U	1	330	470	ug/Kg	10/28/25 22:11	PB170215
100-02-7	4-Nitrophenol	470	U	1	150	470	ug/Kg	10/28/25 22:11	PB170215
132-64-9	Dibenzofuran	240	U	1	32.5	240	ug/Kg	10/28/25 22:11	PB170215
121-14-2	2,4-Dinitrotoluene	240	U	1	71.7	240	ug/Kg	10/28/25 22:11	PB170215
84-66-2	Diethylphthalate	240	U	1	40.5	240	ug/Kg	10/28/25 22:11	PB170215
7005-72-3	4-Chlorophenyl-phenylether	240	U	1	38.2	240	ug/Kg	10/28/25 22:11	PB170215
86-73-7	Fluorene	240	U	1	36.2	240	ug/Kg	10/28/25 22:11	PB170215
100-01-6	4-Nitroaniline	240	U	1	91.8	240	ug/Kg	10/28/25 22:11	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	470	U	1	150	470	ug/Kg	10/28/25 22:11	PB170215

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SDG No.: Q3395
Matrix: SOIL
% Solid: 69.8
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	240	U	1	47.1	240	ug/Kg	10/28/25 22:11	PB170215
101-55-3	4-Bromophenyl-phenylether	240	U	1	39.8	240	ug/Kg	10/28/25 22:11	PB170215
118-74-1	Hexachlorobenzene	240	U	1	36.2	240	ug/Kg	10/28/25 22:11	PB170215
1912-24-9	Atrazine	240	U	1	48.6	240	ug/Kg	10/28/25 22:11	PB170215
87-86-5	Pentachlorophenol	470	U	1	73.4	470	ug/Kg	10/28/25 22:11	PB170215
85-01-8	Phenanthrene	240	U	1	29.9	240	ug/Kg	10/28/25 22:11	PB170215
120-12-7	Anthracene	240	U	1	47.6	240	ug/Kg	10/28/25 22:11	PB170215
86-74-8	Carbazole	240	U	1	44.6	240	ug/Kg	10/28/25 22:11	PB170215
84-74-2	Di-n-butylphthalate	240	U	1	68.5	240	ug/Kg	10/28/25 22:11	PB170215
206-44-0	Fluoranthene	240	U	1	42.9	240	ug/Kg	10/28/25 22:11	PB170215
129-00-0	Pyrene	240	U	1	51.5	240	ug/Kg	10/28/25 22:11	PB170215
85-68-7	Butylbenzylphthalate	240	U	1	100	240	ug/Kg	10/28/25 22:11	PB170215
91-94-1	3,3-Dichlorobenzidine	470	U	1	52.5	470	ug/Kg	10/28/25 22:11	PB170215
56-55-3	Benzo(a)anthracene	240	U	1	32.9	240	ug/Kg	10/28/25 22:11	PB170215
218-01-9	Chrysene	240	U	1	28.5	240	ug/Kg	10/28/25 22:11	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	240	U	1	84.7	240	ug/Kg	10/28/25 22:11	PB170215
117-84-0	Di-n-octyl phthalate	470	U	1	120	470	ug/Kg	10/28/25 22:11	PB170215
205-99-2	Benzo(b)fluoranthene	240	U	1	27.2	240	ug/Kg	10/28/25 22:11	PB170215
207-08-9	Benzo(k)fluoranthene	240	U	1	32.0	240	ug/Kg	10/28/25 22:11	PB170215
50-32-8	Benzo(a)pyrene	240	U	1	42.2	240	ug/Kg	10/28/25 22:11	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	240	U	1	41.6	240	ug/Kg	10/28/25 22:11	PB170215
53-70-3	Dibenzo(a,h)anthracene	240	U	1	39.2	240	ug/Kg	10/28/25 22:11	PB170215
191-24-2	Benzo(g,h,i)perylene	240	U	1	36.8	240	ug/Kg	10/28/25 22:11	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	240	U	1	36.6	240	ug/Kg	10/28/25 22:11	PB170215
123-91-1	1,4-Dioxane	240	U	1	64.6	240	ug/Kg	10/28/25 22:11	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	1	39.2	240	ug/Kg	10/28/25 22:11	PB170215

SURROGATES

367-12-4	2-Fluorophenol	63.5		18 - 112	42%	SPK: 150
13127-88-3	Phenol-d6	68.4		15 - 107	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	40.4		18 - 107	40%	SPK: 100
321-60-8	2-Fluorobiphenyl	36.5		20 - 109	37%	SPK: 100
118-79-6	2,4,6-Tribromophenol	65.8		10 - 116	44%	SPK: 150
1718-51-0	Terphenyl-d14	48.8		10 - 105	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	67000
1146-65-2	Naphthalene-d8	263000
15067-26-2	Acenaphthene-d10	152000
1517-22-2	Phenanthrene-d10	259000
1719-03-5	Chrysene-d12	133000
1520-96-3	Perylene-d12	181000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	170	J	10.6	ug/Kg
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Lab Sample ID:	Q3395-06		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	69.8
Sample Wt/Vol:	30.05 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C	Prep Date: 10/23/25		

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