

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S07-000102-22510170MS
Lab Sample ID: Q3395-03MS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.08 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: 47.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1200		1	320	690	ug/Kg	10/27/25 17:03	PB170215
108-95-2	Phenol	1800		1	46.0	350	ug/Kg	10/27/25 17:03	PB170215
111-44-4	bis(2-Chloroethyl)ether	2500		1	50.6	350	ug/Kg	10/27/25 17:03	PB170215
95-57-8	2-Chlorophenol	2400		1	50.8	350	ug/Kg	10/27/25 17:03	PB170215
95-48-7	2-Methylphenol	2600		1	62.3	350	ug/Kg	10/27/25 17:03	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	2800		1	78.1	350	ug/Kg	10/27/25 17:03	PB170215
98-86-2	Acetophenone	2900		1	61.4	350	ug/Kg	10/27/25 17:03	PB170215
65794-96-9	3+4-Methylphenols	2700		1	85.6	690	ug/Kg	10/27/25 17:03	PB170215
621-64-7	n-Nitroso-di-n-propylamine	3000		1	98.7	170	ug/Kg	10/27/25 17:03	PB170215
67-72-1	Hexachloroethane	2700		1	36.6	350	ug/Kg	10/27/25 17:03	PB170215
98-95-3	Nitrobenzene	2500		1	38.1	350	ug/Kg	10/27/25 17:03	PB170215
78-59-1	Isophorone	2900		1	68.3	350	ug/Kg	10/27/25 17:03	PB170215
88-75-5	2-Nitrophenol	2800		1	120	350	ug/Kg	10/27/25 17:03	PB170215
105-67-9	2,4-Dimethylphenol	3100		1	130	350	ug/Kg	10/27/25 17:03	PB170215
111-91-1	bis(2-Chloroethoxy)methane	2800		1	64.1	350	ug/Kg	10/27/25 17:03	PB170215
120-83-2	2,4-Dichlorophenol	2800		1	58.9	350	ug/Kg	10/27/25 17:03	PB170215
91-20-3	Naphthalene	2700		1	47.3	350	ug/Kg	10/27/25 17:03	PB170215
106-47-8	4-Chloroaniline	3200		1	73.7	350	ug/Kg	10/27/25 17:03	PB170215
87-68-3	Hexachlorobutadiene	2600		1	52.7	350	ug/Kg	10/27/25 17:03	PB170215
105-60-2	Caprolactam	3700		1	110	690	ug/Kg	10/27/25 17:03	PB170215
59-50-7	4-Chloro-3-methylphenol	3200		1	59.8	350	ug/Kg	10/27/25 17:03	PB170215
91-57-6	2-Methylnaphthalene	2700		1	53.3	350	ug/Kg	10/27/25 17:03	PB170215
77-47-4	Hexachlorocyclopentadiene	6000	E	1	240	690	ug/Kg	10/27/25 17:03	PB170215
88-06-2	2,4,6-Trichlorophenol	3000		1	41.2	350	ug/Kg	10/27/25 17:03	PB170215
95-95-4	2,4,5-Trichlorophenol	3000		1	60.6	350	ug/Kg	10/27/25 17:03	PB170215
92-52-4	1,1-Biphenyl	3100		1	45.4	350	ug/Kg	10/27/25 17:03	PB170215
91-58-7	2-Chloronaphthalene	2800		1	46.8	350	ug/Kg	10/27/25 17:03	PB170215
88-74-4	2-Nitroaniline	3300		1	100	350	ug/Kg	10/27/25 17:03	PB170215
131-11-3	Dimethylphthalate	3200		1	56.4	350	ug/Kg	10/27/25 17:03	PB170215
208-96-8	Acenaphthylene	3200		1	60.2	350	ug/Kg	10/27/25 17:03	PB170215
606-20-2	2,6-Dinitrotoluene	3400		1	70.0	350	ug/Kg	10/27/25 17:03	PB170215
99-09-2	3-Nitroaniline	3500		1	95.8	350	ug/Kg	10/27/25 17:03	PB170215
83-32-9	Acenaphthene	3100		1	44.3	350	ug/Kg	10/27/25 17:03	PB170215
51-28-5	2,4-Dinitrophenol	4900		1	480	690	ug/Kg	10/27/25 17:03	PB170215
100-02-7	4-Nitrophenol	6600	E	1	220	690	ug/Kg	10/27/25 17:03	PB170215
132-64-9	Dibenzofuran	3000		1	47.3	350	ug/Kg	10/27/25 17:03	PB170215
121-14-2	2,4-Dinitrotoluene	3700		1	100	350	ug/Kg	10/27/25 17:03	PB170215
84-66-2	Diethylphthalate	3400		1	58.9	350	ug/Kg	10/27/25 17:03	PB170215
7005-72-3	4-Chlorophenyl-phenylether	3100		1	55.6	350	ug/Kg	10/27/25 17:03	PB170215
86-73-7	Fluorene	3200		1	52.7	350	ug/Kg	10/27/25 17:03	PB170215
100-01-6	4-Nitroaniline	3500		1	130	350	ug/Kg	10/27/25 17:03	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	2700		1	210	690	ug/Kg	10/27/25 17:03	PB170215

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% Solid: 47.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3200		1	68.5	350	ug/Kg	10/27/25 17:03	PB170215
101-55-3	4-Bromophenyl-phenylether	3100		1	57.9	350	ug/Kg	10/27/25 17:03	PB170215
118-74-1	Hexachlorobenzene	3200		1	52.7	350	ug/Kg	10/27/25 17:03	PB170215
1912-24-9	Atrazine	3500		1	70.8	350	ug/Kg	10/27/25 17:03	PB170215
87-86-5	Pentachlorophenol	6700	E	1	110	690	ug/Kg	10/27/25 17:03	PB170215
85-01-8	Phenanthrene	3300		1	43.5	350	ug/Kg	10/27/25 17:03	PB170215
120-12-7	Anthracene	3200		1	69.3	350	ug/Kg	10/27/25 17:03	PB170215
86-74-8	Carbazole	3200		1	65.0	350	ug/Kg	10/27/25 17:03	PB170215
84-74-2	Di-n-butylphthalate	3300		1	99.7	350	ug/Kg	10/27/25 17:03	PB170215
206-44-0	Fluoranthene	3100		1	62.5	350	ug/Kg	10/27/25 17:03	PB170215
129-00-0	Pyrene	3600		1	75.0	350	ug/Kg	10/27/25 17:03	PB170215
85-68-7	Butylbenzylphthalate	3600		1	150	350	ug/Kg	10/27/25 17:03	PB170215
91-94-1	3,3-Dichlorobenzidine	3600		1	76.4	690	ug/Kg	10/27/25 17:03	PB170215
56-55-3	Benzo(a)anthracene	3500		1	47.9	350	ug/Kg	10/27/25 17:03	PB170215
218-01-9	Chrysene	3400		1	41.4	350	ug/Kg	10/27/25 17:03	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	3400		1	120	350	ug/Kg	10/27/25 17:03	PB170215
117-84-0	Di-n-octyl phthalate	3400		1	180	690	ug/Kg	10/27/25 17:03	PB170215
205-99-2	Benzo(b)fluoranthene	3300		1	39.6	350	ug/Kg	10/27/25 17:03	PB170215
207-08-9	Benzo(k)fluoranthene	3700		1	46.6	350	ug/Kg	10/27/25 17:03	PB170215
50-32-8	Benzo(a)pyrene	3700		1	61.4	350	ug/Kg	10/27/25 17:03	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	2700		1	60.6	350	ug/Kg	10/27/25 17:03	PB170215
53-70-3	Dibenzo(a,h)anthracene	2800		1	57.1	350	ug/Kg	10/27/25 17:03	PB170215
191-24-2	Benzo(g,h,i)perylene	2600		1	53.5	350	ug/Kg	10/27/25 17:03	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	2900		1	53.3	350	ug/Kg	10/27/25 17:03	PB170215
123-91-1	1,4-Dioxane	350	U	1	94.1	350	ug/Kg	10/27/25 17:03	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	3700		1	57.1	350	ug/Kg	10/27/25 17:03	PB170215

SURROGATES

367-12-4	2-Fluorophenol	29.3			18 - 112	20%	SPK: 150
13127-88-3	Phenol-d6	42.6			15 - 107	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	41.6			18 - 107	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.6			20 - 109	41%	SPK: 100
118-79-6	2,4,6-Tribromophenol	82.9			10 - 116	55%	SPK: 150
1718-51-0	Terphenyl-d14	51.9			10 - 105	52%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	51700
1146-65-2	Naphthalene-d8	204000
15067-26-2	Acenaphthene-d10	117000
1517-22-2	Phenanthrene-d10	210000
1719-03-5	Chrysene-d12	137000
1520-96-3	Perylene-d12	173000

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Client Sample ID:	PR132-S07-000102-22510170MS		SDG No.:	Q3395
Lab Sample ID:	Q3395-03MS		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	47.9
Sample Wt/Vol:	30.08 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