

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S07-000102-22510170MSD
Lab Sample ID: Q3395-04MSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/23/25

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3419
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	330	690	ug/Kg	10/27/25 17:33	PB170215
108-95-2	Phenol	1700		1	46.1	350	ug/Kg	10/27/25 17:33	PB170215
111-44-4	bis(2-Chloroethyl)ether	2400		1	50.7	350	ug/Kg	10/27/25 17:33	PB170215
95-57-8	2-Chlorophenol	2300		1	50.9	350	ug/Kg	10/27/25 17:33	PB170215
95-48-7	2-Methylphenol	2400		1	62.3	350	ug/Kg	10/27/25 17:33	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	2700		1	78.2	350	ug/Kg	10/27/25 17:33	PB170215
98-86-2	Acetophenone	2900		1	61.5	350	ug/Kg	10/27/25 17:33	PB170215
65794-96-9	3+4-Methylphenols	2500		1	85.7	690	ug/Kg	10/27/25 17:33	PB170215
621-64-7	n-Nitroso-di-n-propylamine	2700		1	98.8	170	ug/Kg	10/27/25 17:33	PB170215
67-72-1	Hexachloroethane	2500		1	36.7	350	ug/Kg	10/27/25 17:33	PB170215
98-95-3	Nitrobenzene	2600		1	38.2	350	ug/Kg	10/27/25 17:33	PB170215
78-59-1	Isophorone	2800		1	68.4	350	ug/Kg	10/27/25 17:33	PB170215
88-75-5	2-Nitrophenol	2700		1	120	350	ug/Kg	10/27/25 17:33	PB170215
105-67-9	2,4-Dimethylphenol	3100		1	140	350	ug/Kg	10/27/25 17:33	PB170215
111-91-1	bis(2-Chloroethoxy)methane	2900		1	64.2	350	ug/Kg	10/27/25 17:33	PB170215
120-83-2	2,4-Dichlorophenol	2800		1	59.0	350	ug/Kg	10/27/25 17:33	PB170215
91-20-3	Naphthalene	2800		1	47.3	350	ug/Kg	10/27/25 17:33	PB170215
106-47-8	4-Chloroaniline	3300		1	73.8	350	ug/Kg	10/27/25 17:33	PB170215
87-68-3	Hexachlorobutadiene	2600		1	52.7	350	ug/Kg	10/27/25 17:33	PB170215
105-60-2	Caprolactam	3900		1	110	690	ug/Kg	10/27/25 17:33	PB170215
59-50-7	4-Chloro-3-methylphenol	3200		1	59.8	350	ug/Kg	10/27/25 17:33	PB170215
91-57-6	2-Methylnaphthalene	2700		1	53.4	350	ug/Kg	10/27/25 17:33	PB170215
77-47-4	Hexachlorocyclopentadiene	5900	E	1	240	690	ug/Kg	10/27/25 17:33	PB170215
88-06-2	2,4,6-Trichlorophenol	2900		1	41.3	350	ug/Kg	10/27/25 17:33	PB170215
95-95-4	2,4,5-Trichlorophenol	2900		1	60.7	350	ug/Kg	10/27/25 17:33	PB170215
92-52-4	1,1-Biphenyl	3000		1	45.5	350	ug/Kg	10/27/25 17:33	PB170215
91-58-7	2-Chloronaphthalene	2800		1	46.9	350	ug/Kg	10/27/25 17:33	PB170215
88-74-4	2-Nitroaniline	3200		1	100	350	ug/Kg	10/27/25 17:33	PB170215
131-11-3	Dimethylphthalate	3300		1	56.5	350	ug/Kg	10/27/25 17:33	PB170215
208-96-8	Acenaphthylene	3300		1	60.3	350	ug/Kg	10/27/25 17:33	PB170215
606-20-2	2,6-Dinitrotoluene	3400		1	70.1	350	ug/Kg	10/27/25 17:33	PB170215
99-09-2	3-Nitroaniline	3500		1	95.9	350	ug/Kg	10/27/25 17:33	PB170215
83-32-9	Acenaphthene	3000		1	44.4	350	ug/Kg	10/27/25 17:33	PB170215
51-28-5	2,4-Dinitrophenol	4500		1	480	690	ug/Kg	10/27/25 17:33	PB170215
100-02-7	4-Nitrophenol	6300	E	1	220	690	ug/Kg	10/27/25 17:33	PB170215
132-64-9	Dibenzofuran	3100		1	47.3	350	ug/Kg	10/27/25 17:33	PB170215
121-14-2	2,4-Dinitrotoluene	3600		1	100	350	ug/Kg	10/27/25 17:33	PB170215
84-66-2	Diethylphthalate	3300		1	59.0	350	ug/Kg	10/27/25 17:33	PB170215
7005-72-3	4-Chlorophenyl-phenylether	3000		1	55.7	350	ug/Kg	10/27/25 17:33	PB170215
86-73-7	Fluorene	3200		1	52.7	350	ug/Kg	10/27/25 17:33	PB170215
100-01-6	4-Nitroaniline	3400		1	130	350	ug/Kg	10/27/25 17:33	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	2700		1	210	690	ug/Kg	10/27/25 17:33	PB170215

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Client Sample ID:	PR132-S07-000102-22510170MSD		SDG No.:	Q3419
Lab Sample ID:	Q3395-04MSD		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	47.9
Sample Wt/Vol:	30.04 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3300		1	68.6	350	ug/Kg	10/27/25 17:33	PB170215
101-55-3	4-Bromophenyl-phenylether	3000		1	58.0	350	ug/Kg	10/27/25 17:33	PB170215
118-74-1	Hexachlorobenzene	3100		1	52.7	350	ug/Kg	10/27/25 17:33	PB170215
1912-24-9	Atrazine	3500		1	70.9	350	ug/Kg	10/27/25 17:33	PB170215
87-86-5	Pentachlorophenol	6400	E	1	110	690	ug/Kg	10/27/25 17:33	PB170215
85-01-8	Phenanthrene	3300		1	43.6	350	ug/Kg	10/27/25 17:33	PB170215
120-12-7	Anthracene	3200		1	69.4	350	ug/Kg	10/27/25 17:33	PB170215
86-74-8	Carbazole	3100		1	65.0	350	ug/Kg	10/27/25 17:33	PB170215
84-74-2	Di-n-butylphthalate	3200		1	99.9	350	ug/Kg	10/27/25 17:33	PB170215
206-44-0	Fluoranthene	2900		1	62.5	350	ug/Kg	10/27/25 17:33	PB170215
129-00-0	Pyrene	3400		1	75.1	350	ug/Kg	10/27/25 17:33	PB170215
85-68-7	Butylbenzylphthalate	3300		1	150	350	ug/Kg	10/27/25 17:33	PB170215
91-94-1	3,3-Dichlorobenzidine	3700		1	76.5	690	ug/Kg	10/27/25 17:33	PB170215
56-55-3	Benzo(a)anthracene	3400		1	48.0	350	ug/Kg	10/27/25 17:33	PB170215
218-01-9	Chrysene	3300		1	41.5	350	ug/Kg	10/27/25 17:33	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	3200		1	120	350	ug/Kg	10/27/25 17:33	PB170215
117-84-0	Di-n-octyl phthalate	3500		1	180	690	ug/Kg	10/27/25 17:33	PB170215
205-99-2	Benzo(b)fluoranthene	3300		1	39.6	350	ug/Kg	10/27/25 17:33	PB170215
207-08-9	Benzo(k)fluoranthene	3600		1	46.7	350	ug/Kg	10/27/25 17:33	PB170215
50-32-8	Benzo(a)pyrene	3600		1	61.5	350	ug/Kg	10/27/25 17:33	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	2700		1	60.7	350	ug/Kg	10/27/25 17:33	PB170215
53-70-3	Dibenzo(a,h)anthracene	2700		1	57.1	350	ug/Kg	10/27/25 17:33	PB170215
191-24-2	Benzo(g,h,i)perylene	2400		1	53.6	350	ug/Kg	10/27/25 17:33	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	2900		1	53.4	350	ug/Kg	10/27/25 17:33	PB170215
123-91-1	1,4-Dioxane	94.2	U	1	94.2	350	ug/Kg	10/27/25 17:33	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	3500		1	57.1	350	ug/Kg	10/27/25 17:33	PB170215

SURROGATES

367-12-4	2-Fluorophenol	27.7			18 - 112	18%	SPK: 150
13127-88-3	Phenol-d6	40.8			15 - 107	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	41.7			18 - 107	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	41.1			20 - 109	41%	SPK: 100
118-79-6	2,4,6-Tribromophenol	78.6			10 - 116	52%	SPK: 150
1718-51-0	Terphenyl-d14	48.6			10 - 105	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	51300
1146-65-2	Naphthalene-d8	192000
15067-26-2	Acenaphthene-d10	110000
1517-22-2	Phenanthrene-d10	190000
1719-03-5	Chrysene-d12	124000
1520-96-3	Perylene-d12	168000

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	Level: LOW		
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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