

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S09-000051-20251017
Lab Sample ID: Q3395-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 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: 52.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	620	U	1	290	620	ug/Kg	10/28/25 16:44	PB170215
108-95-2	Phenol	320	U	1	41.7	320	ug/Kg	10/28/25 16:44	PB170215
111-44-4	bis(2-Chloroethyl)ether	320	U	1	45.9	320	ug/Kg	10/28/25 16:44	PB170215
95-57-8	2-Chlorophenol	320	U	1	46.1	320	ug/Kg	10/28/25 16:44	PB170215
95-48-7	2-Methylphenol	320	U	1	56.4	320	ug/Kg	10/28/25 16:44	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	320	U	1	70.8	320	ug/Kg	10/28/25 16:44	PB170215
98-86-2	Acetophenone	320	U	1	55.7	320	ug/Kg	10/28/25 16:44	PB170215
65794-96-9	3+4-Methylphenols	620	U	1	77.6	620	ug/Kg	10/28/25 16:44	PB170215
621-64-7	n-Nitroso-di-n-propylamine	150	U	1	89.5	150	ug/Kg	10/28/25 16:44	PB170215
67-72-1	Hexachloroethane	320	U	1	33.2	320	ug/Kg	10/28/25 16:44	PB170215
98-95-3	Nitrobenzene	320	U	1	34.5	320	ug/Kg	10/28/25 16:44	PB170215
78-59-1	Isophorone	320	U	1	61.9	320	ug/Kg	10/28/25 16:44	PB170215
88-75-5	2-Nitrophenol	320	U	1	110	320	ug/Kg	10/28/25 16:44	PB170215
105-67-9	2,4-Dimethylphenol	320	U	1	120	320	ug/Kg	10/28/25 16:44	PB170215
111-91-1	bis(2-Chloroethoxy)methane	320	U	1	58.1	320	ug/Kg	10/28/25 16:44	PB170215
120-83-2	2,4-Dichlorophenol	320	U	1	53.4	320	ug/Kg	10/28/25 16:44	PB170215
91-20-3	Naphthalene	320	U	1	42.9	320	ug/Kg	10/28/25 16:44	PB170215
106-47-8	4-Chloroaniline	320	U	1	66.8	320	ug/Kg	10/28/25 16:44	PB170215
87-68-3	Hexachlorobutadiene	320	U	1	47.8	320	ug/Kg	10/28/25 16:44	PB170215
105-60-2	Caprolactam	620	U	1	98.4	620	ug/Kg	10/28/25 16:44	PB170215
59-50-7	4-Chloro-3-methylphenol	320	U	1	54.2	320	ug/Kg	10/28/25 16:44	PB170215
91-57-6	2-Methylnaphthalene	320	U	1	48.3	320	ug/Kg	10/28/25 16:44	PB170215
77-47-4	Hexachlorocyclopentadiene	620	U	1	220	620	ug/Kg	10/28/25 16:44	PB170215
88-06-2	2,4,6-Trichlorophenol	320	U	1	37.4	320	ug/Kg	10/28/25 16:44	PB170215
95-95-4	2,4,5-Trichlorophenol	320	U	1	54.9	320	ug/Kg	10/28/25 16:44	PB170215
92-52-4	1,1-Biphenyl	320	U	1	41.2	320	ug/Kg	10/28/25 16:44	PB170215
91-58-7	2-Chloronaphthalene	320	U	1	42.5	320	ug/Kg	10/28/25 16:44	PB170215
88-74-4	2-Nitroaniline	320	U	1	90.8	320	ug/Kg	10/28/25 16:44	PB170215
131-11-3	Dimethylphthalate	320	U	1	51.2	320	ug/Kg	10/28/25 16:44	PB170215
208-96-8	Acenaphthylene	320	U	1	54.6	320	ug/Kg	10/28/25 16:44	PB170215
606-20-2	2,6-Dinitrotoluene	320	U	1	63.4	320	ug/Kg	10/28/25 16:44	PB170215
99-09-2	3-Nitroaniline	320	U	1	86.8	320	ug/Kg	10/28/25 16:44	PB170215
83-32-9	Acenaphthene	320	U	1	40.2	320	ug/Kg	10/28/25 16:44	PB170215
51-28-5	2,4-Dinitrophenol	620	U	1	430	620	ug/Kg	10/28/25 16:44	PB170215
100-02-7	4-Nitrophenol	620	U	1	200	620	ug/Kg	10/28/25 16:44	PB170215
132-64-9	Dibenzofuran	320	U	1	42.9	320	ug/Kg	10/28/25 16:44	PB170215
121-14-2	2,4-Dinitrotoluene	320	U	1	94.6	320	ug/Kg	10/28/25 16:44	PB170215
84-66-2	Diethylphthalate	320	U	1	53.4	320	ug/Kg	10/28/25 16:44	PB170215
7005-72-3	4-Chlorophenyl-phenylether	320	U	1	50.4	320	ug/Kg	10/28/25 16:44	PB170215
86-73-7	Fluorene	320	U	1	47.8	320	ug/Kg	10/28/25 16:44	PB170215
100-01-6	4-Nitroaniline	320	U	1	120	320	ug/Kg	10/28/25 16:44	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	620	U	1	190	620	ug/Kg	10/28/25 16:44	PB170215

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SDG No.: Q3395
Matrix: SOIL
% Solid: 52.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	320	U	1	62.1	320	ug/Kg	10/28/25 16:44	PB170215
101-55-3	4-Bromophenyl-phenylether	320	U	1	52.5	320	ug/Kg	10/28/25 16:44	PB170215
118-74-1	Hexachlorobenzene	320	U	1	47.8	320	ug/Kg	10/28/25 16:44	PB170215
1912-24-9	Atrazine	320	U	1	64.2	320	ug/Kg	10/28/25 16:44	PB170215
87-86-5	Pentachlorophenol	620	U	1	96.8	620	ug/Kg	10/28/25 16:44	PB170215
85-01-8	Phenanthrene	320	U	1	39.5	320	ug/Kg	10/28/25 16:44	PB170215
120-12-7	Anthracene	320	U	1	62.9	320	ug/Kg	10/28/25 16:44	PB170215
86-74-8	Carbazole	320	U	1	58.9	320	ug/Kg	10/28/25 16:44	PB170215
84-74-2	Di-n-butylphthalate	320	U	1	90.4	320	ug/Kg	10/28/25 16:44	PB170215
206-44-0	Fluoranthene	320	U	1	56.6	320	ug/Kg	10/28/25 16:44	PB170215
129-00-0	Pyrene	320	U	1	68.0	320	ug/Kg	10/28/25 16:44	PB170215
85-68-7	Butylbenzylphthalate	320	U	1	130	320	ug/Kg	10/28/25 16:44	PB170215
91-94-1	3,3-Dichlorobenzidine	620	U	1	69.3	620	ug/Kg	10/28/25 16:44	PB170215
56-55-3	Benzo(a)anthracene	320	U	1	43.4	320	ug/Kg	10/28/25 16:44	PB170215
218-01-9	Chrysene	320	U	1	37.6	320	ug/Kg	10/28/25 16:44	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	1	110	320	ug/Kg	10/28/25 16:44	PB170215
117-84-0	Di-n-octyl phthalate	620	U	1	160	620	ug/Kg	10/28/25 16:44	PB170215
205-99-2	Benzo(b)fluoranthene	320	U	1	35.9	320	ug/Kg	10/28/25 16:44	PB170215
207-08-9	Benzo(k)fluoranthene	320	U	1	42.3	320	ug/Kg	10/28/25 16:44	PB170215
50-32-8	Benzo(a)pyrene	320	U	1	55.7	320	ug/Kg	10/28/25 16:44	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	320	U	1	54.9	320	ug/Kg	10/28/25 16:44	PB170215
53-70-3	Dibenzo(a,h)anthracene	320	U	1	51.7	320	ug/Kg	10/28/25 16:44	PB170215
191-24-2	Benzo(g,h,i)perylene	320	U	1	48.5	320	ug/Kg	10/28/25 16:44	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	320	U	1	48.3	320	ug/Kg	10/28/25 16:44	PB170215
123-91-1	1,4-Dioxane	320	U	1	85.3	320	ug/Kg	10/28/25 16:44	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	320	U	1	51.7	320	ug/Kg	10/28/25 16:44	PB170215

SURROGATES

367-12-4	2-Fluorophenol	77.9		18 - 112	52%	SPK: 150
13127-88-3	Phenol-d6	84.0		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.0		18 - 107	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.5		20 - 109	45%	SPK: 100
118-79-6	2,4,6-Tribromophenol	86.6		10 - 116	58%	SPK: 150
1718-51-0	Terphenyl-d14	56.4		10 - 105	56%	SPK: 100

INTERNAL STANDARDS

	Area Count
3855-82-1 1,4-Dichlorobenzene-d4	63400
1146-65-2 Naphthalene-d8	254000
15067-26-2 Acenaphthene-d10	152000
1517-22-2 Phenanthrene-d10	267000
1719-03-5 Chrysene-d12	149000
1520-96-3 Perylene-d12	173000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	200	J	10.6	ug/Kg
000638-53-9	Tridecanoic acid	220	J	11.9	ug/Kg

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Client Sample ID:	PR132-S09-000051-20251017		SDG No.:	Q3395
Lab Sample ID:	Q3395-01		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	52.9
Sample Wt/Vol:	30.04 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