

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: COMP01-20251015
Lab Sample ID: Q3363-05
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/17/25

Date Collected: 10/15/25
Date Received: 10/15/25
SDG No.: Q3363
Matrix: SOIL
% Solid: 55.4
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	590	U	1	280	590	ug/Kg	10/17/25 16:29	PB170144
108-95-2	Phenol	310	U	1	39.8	310	ug/Kg	10/17/25 16:29	PB170144
111-44-4	bis(2-Chloroethyl)ether	310	U	1	43.8	310	ug/Kg	10/17/25 16:29	PB170144
95-57-8	2-Chlorophenol	310	U	1	43.9	310	ug/Kg	10/17/25 16:29	PB170144
95-48-7	2-Methylphenol	310	U	1	53.8	310	ug/Kg	10/17/25 16:29	PB170144
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	1	67.5	310	ug/Kg	10/17/25 16:29	PB170144
98-86-2	Acetophenone	310	U	1	53.1	310	ug/Kg	10/17/25 16:29	PB170144
65794-96-9	3+4-Methylphenols	590	U	1	74.0	590	ug/Kg	10/17/25 16:29	PB170144
621-64-7	n-Nitroso-di-n-propylamine	140	U	1	85.4	140	ug/Kg	10/17/25 16:29	PB170144
67-72-1	Hexachloroethane	310	U	1	31.7	310	ug/Kg	10/17/25 16:29	PB170144
98-95-3	Nitrobenzene	310	U	1	33.0	310	ug/Kg	10/17/25 16:29	PB170144
78-59-1	Isophorone	310	U	1	59.1	310	ug/Kg	10/17/25 16:29	PB170144
88-75-5	2-Nitrophenol	310	U	1	100	310	ug/Kg	10/17/25 16:29	PB170144
105-67-9	2,4-Dimethylphenol	310	U	1	120	310	ug/Kg	10/17/25 16:29	PB170144
111-91-1	bis(2-Chloroethoxy)methane	310	U	1	55.5	310	ug/Kg	10/17/25 16:29	PB170144
120-83-2	2,4-Dichlorophenol	310	U	1	51.0	310	ug/Kg	10/17/25 16:29	PB170144
91-20-3	Naphthalene	310	U	1	40.9	310	ug/Kg	10/17/25 16:29	PB170144
106-47-8	4-Chloroaniline	310	U	1	63.8	310	ug/Kg	10/17/25 16:29	PB170144
87-68-3	Hexachlorobutadiene	310	U	1	45.6	310	ug/Kg	10/17/25 16:29	PB170144
105-60-2	Caprolactam	590	U	1	93.8	590	ug/Kg	10/17/25 16:29	PB170144
59-50-7	4-Chloro-3-methylphenol	310	U	1	51.7	310	ug/Kg	10/17/25 16:29	PB170144
91-57-6	2-Methylnaphthalene	310	U	1	46.1	310	ug/Kg	10/17/25 16:29	PB170144
77-47-4	Hexachlorocyclopentadiene	590	U	1	210	590	ug/Kg	10/17/25 16:29	PB170144
88-06-2	2,4,6-Trichlorophenol	310	U	1	35.7	310	ug/Kg	10/17/25 16:29	PB170144
95-95-4	2,4,5-Trichlorophenol	310	U	1	52.4	310	ug/Kg	10/17/25 16:29	PB170144
92-52-4	1,1-Biphenyl	310	U	1	39.3	310	ug/Kg	10/17/25 16:29	PB170144
91-58-7	2-Chloronaphthalene	310	U	1	40.5	310	ug/Kg	10/17/25 16:29	PB170144
88-74-4	2-Nitroaniline	310	U	1	86.6	310	ug/Kg	10/17/25 16:29	PB170144
131-11-3	Dimethylphthalate	310	U	1	48.8	310	ug/Kg	10/17/25 16:29	PB170144
208-96-8	Acenaphthylene	310	U	1	52.0	310	ug/Kg	10/17/25 16:29	PB170144
606-20-2	2,6-Dinitrotoluene	310	U	1	60.5	310	ug/Kg	10/17/25 16:29	PB170144
99-09-2	3-Nitroaniline	310	U	1	82.8	310	ug/Kg	10/17/25 16:29	PB170144
83-32-9	Acenaphthene	310	U	1	38.4	310	ug/Kg	10/17/25 16:29	PB170144
51-28-5	2,4-Dinitrophenol	590	U	1	410	590	ug/Kg	10/17/25 16:29	PB170144
100-02-7	4-Nitrophenol	590	U	1	190	590	ug/Kg	10/17/25 16:29	PB170144
132-64-9	Dibenzofuran	310	U	1	40.9	310	ug/Kg	10/17/25 16:29	PB170144
121-14-2	2,4-Dinitrotoluene	310	U	1	90.2	310	ug/Kg	10/17/25 16:29	PB170144
84-66-2	Diethylphthalate	310	U	1	51.0	310	ug/Kg	10/17/25 16:29	PB170144
7005-72-3	4-Chlorophenyl-phenylether	310	U	1	48.1	310	ug/Kg	10/17/25 16:29	PB170144
86-73-7	Fluorene	310	U	1	45.6	310	ug/Kg	10/17/25 16:29	PB170144
100-01-6	4-Nitroaniline	310	U	1	120	310	ug/Kg	10/17/25 16:29	PB170144
534-52-1	4,6-Dinitro-2-methylphenol	590	U	1	190	590	ug/Kg	10/17/25 16:29	PB170144

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86-30-6	n-Nitrosodiphenylamine	310	U	1	59.2	310	ug/Kg	10/17/25 16:29	PB170144
101-55-3	4-Bromophenyl-phenylether	310	U	1	50.1	310	ug/Kg	10/17/25 16:29	PB170144
118-74-1	Hexachlorobenzene	310	U	1	45.6	310	ug/Kg	10/17/25 16:29	PB170144
1912-24-9	Atrazine	310	U	1	61.2	310	ug/Kg	10/17/25 16:29	PB170144
87-86-5	Pentachlorophenol	590	U	1	92.4	590	ug/Kg	10/17/25 16:29	PB170144
85-01-8	Phenanthrene	310	U	1	37.6	310	ug/Kg	10/17/25 16:29	PB170144
120-12-7	Anthracene	310	U	1	60.0	310	ug/Kg	10/17/25 16:29	PB170144
86-74-8	Carbazole	310	U	1	56.2	310	ug/Kg	10/17/25 16:29	PB170144
84-74-2	Di-n-butylphthalate	310	U	1	86.3	310	ug/Kg	10/17/25 16:29	PB170144
206-44-0	Fluoranthene	230	J	1	54.0	310	ug/Kg	10/17/25 16:29	PB170144
129-00-0	Pyrene	220	J	1	64.8	310	ug/Kg	10/17/25 16:29	PB170144
85-68-7	Butylbenzylphthalate	310	U	1	130	310	ug/Kg	10/17/25 16:29	PB170144
91-94-1	3,3-Dichlorobenzidine	590	U	1	66.1	590	ug/Kg	10/17/25 16:29	PB170144
56-55-3	Benzo(a)anthracene	160	J	1	41.4	310	ug/Kg	10/17/25 16:29	PB170144
218-01-9	Chrysene	150	J	1	35.8	310	ug/Kg	10/17/25 16:29	PB170144
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	1	110	310	ug/Kg	10/17/25 16:29	PB170144
117-84-0	Di-n-octyl phthalate	590	U	1	160	590	ug/Kg	10/17/25 16:29	PB170144
205-99-2	Benzo(b)fluoranthene	200	J	1	34.2	310	ug/Kg	10/17/25 16:29	PB170144
207-08-9	Benzo(k)fluoranthene	310	U	1	40.3	310	ug/Kg	10/17/25 16:29	PB170144
50-32-8	Benzo(a)pyrene	220	J	1	53.1	310	ug/Kg	10/17/25 16:29	PB170144
193-39-5	Indeno(1,2,3-cd)pyrene	310	U	1	52.4	310	ug/Kg	10/17/25 16:29	PB170144
53-70-3	Dibenzo(a,h)anthracene	310	U	1	49.3	310	ug/Kg	10/17/25 16:29	PB170144
191-24-2	Benzo(g,h,i)perylene	170	J	1	46.3	310	ug/Kg	10/17/25 16:29	PB170144
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	1	46.1	310	ug/Kg	10/17/25 16:29	PB170144
123-91-1	1,4-Dioxane	310	U	1	81.4	310	ug/Kg	10/17/25 16:29	PB170144
58-90-2	2,3,4,6-Tetrachlorophenol	310	U	1	49.3	310	ug/Kg	10/17/25 16:29	PB170144

SURROGATES

367-12-4	2-Fluorophenol	87.5		18 - 112	58%	SPK: 150
13127-88-3	Phenol-d6	82.3		15 - 107	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.2		18 - 107	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.0		20 - 109	48%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.3		10 - 116	62%	SPK: 150
1718-51-0	Terphenyl-d14	48.2		10 - 105	48%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	13400
1146-65-2	Naphthalene-d8	53200
15067-26-2	Acenaphthene-d10	39200
1517-22-2	Phenanthrene-d10	94600
1719-03-5	Chrysene-d12	112000
1520-96-3	Perylene-d12	127000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	430	J	15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	340	J	18.1	ug/Kg

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Lab Sample ID:	Q3363-05		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	55.4
Sample Wt/Vol:	30.07 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/17/25		

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