

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S07-102116-20251017
Lab Sample ID: Q3395-05
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.02 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: 51.4
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	640	U	1	300	640	ug/Kg	10/28/25 23:10	PB170215
108-95-2	Phenol	330	U	1	43.0	330	ug/Kg	10/28/25 23:10	PB170215
111-44-4	bis(2-Chloroethyl)ether	330	U	1	47.2	330	ug/Kg	10/28/25 23:10	PB170215
95-57-8	2-Chlorophenol	330	U	1	47.4	330	ug/Kg	10/28/25 23:10	PB170215
95-48-7	2-Methylphenol	330	U	1	58.1	330	ug/Kg	10/28/25 23:10	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	330	U	1	72.9	330	ug/Kg	10/28/25 23:10	PB170215
98-86-2	Acetophenone	330	U	1	57.4	330	ug/Kg	10/28/25 23:10	PB170215
65794-96-9	3+4-Methylphenols	640	U	1	79.9	640	ug/Kg	10/28/25 23:10	PB170215
621-64-7	n-Nitroso-di-n-propylamine	160	U	1	92.2	160	ug/Kg	10/28/25 23:10	PB170215
67-72-1	Hexachloroethane	330	U	1	34.2	330	ug/Kg	10/28/25 23:10	PB170215
98-95-3	Nitrobenzene	330	U	1	35.6	330	ug/Kg	10/28/25 23:10	PB170215
78-59-1	Isophorone	330	U	1	63.8	330	ug/Kg	10/28/25 23:10	PB170215
88-75-5	2-Nitrophenol	330	U	1	110	330	ug/Kg	10/28/25 23:10	PB170215
105-67-9	2,4-Dimethylphenol	330	U	1	130	330	ug/Kg	10/28/25 23:10	PB170215
111-91-1	bis(2-Chloroethoxy)methane	330	U	1	59.9	330	ug/Kg	10/28/25 23:10	PB170215
120-83-2	2,4-Dichlorophenol	330	U	1	55.0	330	ug/Kg	10/28/25 23:10	PB170215
91-20-3	Naphthalene	330	U	1	44.1	330	ug/Kg	10/28/25 23:10	PB170215
106-47-8	4-Chloroaniline	330	U	1	68.8	330	ug/Kg	10/28/25 23:10	PB170215
87-68-3	Hexachlorobutadiene	330	U	1	49.2	330	ug/Kg	10/28/25 23:10	PB170215
105-60-2	Caprolactam	640	U	1	100	640	ug/Kg	10/28/25 23:10	PB170215
59-50-7	4-Chloro-3-methylphenol	330	U	1	55.8	330	ug/Kg	10/28/25 23:10	PB170215
91-57-6	2-Methylnaphthalene	330	U	1	49.8	330	ug/Kg	10/28/25 23:10	PB170215
77-47-4	Hexachlorocyclopentadiene	640	U	1	230	640	ug/Kg	10/28/25 23:10	PB170215
88-06-2	2,4,6-Trichlorophenol	330	U	1	38.5	330	ug/Kg	10/28/25 23:10	PB170215
95-95-4	2,4,5-Trichlorophenol	330	U	1	56.6	330	ug/Kg	10/28/25 23:10	PB170215
92-52-4	1,1-Biphenyl	330	U	1	42.4	330	ug/Kg	10/28/25 23:10	PB170215
91-58-7	2-Chloronaphthalene	330	U	1	43.7	330	ug/Kg	10/28/25 23:10	PB170215
88-74-4	2-Nitroaniline	330	U	1	93.5	330	ug/Kg	10/28/25 23:10	PB170215
131-11-3	Dimethylphthalate	330	U	1	52.7	330	ug/Kg	10/28/25 23:10	PB170215
208-96-8	Acenaphthylene	330	U	1	56.2	330	ug/Kg	10/28/25 23:10	PB170215
606-20-2	2,6-Dinitrotoluene	330	U	1	65.3	330	ug/Kg	10/28/25 23:10	PB170215
99-09-2	3-Nitroaniline	330	U	1	89.4	330	ug/Kg	10/28/25 23:10	PB170215
83-32-9	Acenaphthene	330	U	1	41.4	330	ug/Kg	10/28/25 23:10	PB170215
51-28-5	2,4-Dinitrophenol	640	U	1	450	640	ug/Kg	10/28/25 23:10	PB170215
100-02-7	4-Nitrophenol	640	U	1	210	640	ug/Kg	10/28/25 23:10	PB170215
132-64-9	Dibenzofuran	330	U	1	44.1	330	ug/Kg	10/28/25 23:10	PB170215
121-14-2	2,4-Dinitrotoluene	330	U	1	97.4	330	ug/Kg	10/28/25 23:10	PB170215
84-66-2	Diethylphthalate	330	U	1	55.0	330	ug/Kg	10/28/25 23:10	PB170215
7005-72-3	4-Chlorophenyl-phenylether	330	U	1	51.9	330	ug/Kg	10/28/25 23:10	PB170215
86-73-7	Fluorene	330	U	1	49.2	330	ug/Kg	10/28/25 23:10	PB170215
100-01-6	4-Nitroaniline	330	U	1	120	330	ug/Kg	10/28/25 23:10	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	640	U	1	200	640	ug/Kg	10/28/25 23:10	PB170215

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Lab Sample ID: Q3395-05
Analytical Method: 8270E Level: LOW
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SDG No.: Q3395
Matrix: SOIL
% Solid: 51.4
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	330	U	1	64.0	330	ug/Kg	10/28/25 23:10	PB170215
101-55-3	4-Bromophenyl-phenylether	330	U	1	54.0	330	ug/Kg	10/28/25 23:10	PB170215
118-74-1	Hexachlorobenzene	330	U	1	49.2	330	ug/Kg	10/28/25 23:10	PB170215
1912-24-9	Atrazine	330	U	1	66.1	330	ug/Kg	10/28/25 23:10	PB170215
87-86-5	Pentachlorophenol	640	U	1	99.7	640	ug/Kg	10/28/25 23:10	PB170215
85-01-8	Phenanthrene	330	U	1	40.6	330	ug/Kg	10/28/25 23:10	PB170215
120-12-7	Anthracene	330	U	1	64.7	330	ug/Kg	10/28/25 23:10	PB170215
86-74-8	Carbazole	330	U	1	60.7	330	ug/Kg	10/28/25 23:10	PB170215
84-74-2	Di-n-butylphthalate	330	U	1	93.1	330	ug/Kg	10/28/25 23:10	PB170215
206-44-0	Fluoranthene	330	U	1	58.3	330	ug/Kg	10/28/25 23:10	PB170215
129-00-0	Pyrene	330	U	1	70.0	330	ug/Kg	10/28/25 23:10	PB170215
85-68-7	Butylbenzylphthalate	330	U	1	140	330	ug/Kg	10/28/25 23:10	PB170215
91-94-1	3,3-Dichlorobenzidine	640	U	1	71.4	640	ug/Kg	10/28/25 23:10	PB170215
56-55-3	Benzo(a)anthracene	330	U	1	44.7	330	ug/Kg	10/28/25 23:10	PB170215
218-01-9	Chrysene	330	U	1	38.7	330	ug/Kg	10/28/25 23:10	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	330	U	1	120	330	ug/Kg	10/28/25 23:10	PB170215
117-84-0	Di-n-octyl phthalate	640	U	1	170	640	ug/Kg	10/28/25 23:10	PB170215
205-99-2	Benzo(b)fluoranthene	330	U	1	36.9	330	ug/Kg	10/28/25 23:10	PB170215
207-08-9	Benzo(k)fluoranthene	330	U	1	43.6	330	ug/Kg	10/28/25 23:10	PB170215
50-32-8	Benzo(a)pyrene	330	U	1	57.4	330	ug/Kg	10/28/25 23:10	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	1	56.6	330	ug/Kg	10/28/25 23:10	PB170215
53-70-3	Dibenzo(a,h)anthracene	330	U	1	53.3	330	ug/Kg	10/28/25 23:10	PB170215
191-24-2	Benzo(g,h,i)perylene	330	U	1	50.0	330	ug/Kg	10/28/25 23:10	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	1	49.8	330	ug/Kg	10/28/25 23:10	PB170215
123-91-1	1,4-Dioxane	330	U	1	87.9	330	ug/Kg	10/28/25 23:10	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	1	53.3	330	ug/Kg	10/28/25 23:10	PB170215

SURROGATES

367-12-4	2-Fluorophenol	123		18 - 112	82%	SPK: 150
13127-88-3	Phenol-d6	129		15 - 107	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.9		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.7		20 - 109	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		10 - 116	85%	SPK: 150
1718-51-0	Terphenyl-d14	74.0		10 - 105	74%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	66500
1146-65-2	Naphthalene-d8	257000
15067-26-2	Acenaphthene-d10	143000
1517-22-2	Phenanthrene-d10	227000
1719-03-5	Chrysene-d12	151000
1520-96-3	Perylene-d12	187000

TENTATIVE IDENTIFIED COMPOUNDS

074645-98-0	Dodecane, 2,7,10-trimethyl-	130	J	9.18	ug/Kg
000119-61-9	Benzophenone	830	J	10.6	ug/Kg

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Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/17/25
Client Sample ID:	PR132-S07-102116-20251017		SDG No.:	Q3395
Lab Sample ID:	Q3395-05		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	51.4
Sample Wt/Vol:	30.02 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
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	270	J			10.8	ug/Kg		
000629-50-5	Tridecane	170	J			11.3	ug/Kg		
000057-10-3	n-Hexadecanoic acid	440	J			11.9	ug/Kg		
000630-01-3	Hexacosane	210	J			15.2	ug/Kg		
000630-02-4	Octacosane	650	J			16.0	ug/Kg		
000629-99-2	Pentacosane	920	J			16.5	ug/Kg		
001560-92-5	Hexadecane, 2-methyl-	1200	J			17.1	ug/Kg		
001560-98-1	Octacosane, 2-methyl-	1100	J			17.8	ug/Kg		
1000406-32-4	Dotriacontane, 1-iodo-	1300	J			18.7	ug/Kg		

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