

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PB170180BS
Lab Sample ID: PB170180BS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/21/25

Date Collected:
Date Received:
SDG No.: Q3393
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	880		1	160	330	ug/Kg	10/22/25 11:23	PB170180
108-95-2	Phenol	1400		1	22.1	170	ug/Kg	10/22/25 11:23	PB170180
111-44-4	bis(2-Chloroethyl)ether	1500		1	24.3	170	ug/Kg	10/22/25 11:23	PB170180
95-57-8	2-Chlorophenol	1500		1	24.4	170	ug/Kg	10/22/25 11:23	PB170180
95-48-7	2-Methylphenol	1500		1	29.9	170	ug/Kg	10/22/25 11:23	PB170180
108-60-1	2,2-oxybis(1-Chloropropane)	1500		1	37.5	170	ug/Kg	10/22/25 11:23	PB170180
98-86-2	Acetophenone	1600		1	29.5	170	ug/Kg	10/22/25 11:23	PB170180
65794-96-9	3+4-Methylphenols	1400		1	41.1	330	ug/Kg	10/22/25 11:23	PB170180
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	10/22/25 11:23	PB170180
67-72-1	Hexachloroethane	1500		1	17.6	170	ug/Kg	10/22/25 11:23	PB170180
98-95-3	Nitrobenzene	1500		1	18.3	170	ug/Kg	10/22/25 11:23	PB170180
78-59-1	Isophorone	1500		1	32.8	170	ug/Kg	10/22/25 11:23	PB170180
88-75-5	2-Nitrophenol	1800		1	58.1	170	ug/Kg	10/22/25 11:23	PB170180
105-67-9	2,4-Dimethylphenol	1600		1	64.7	170	ug/Kg	10/22/25 11:23	PB170180
111-91-1	bis(2-Chloroethoxy)methane	1500		1	30.8	170	ug/Kg	10/22/25 11:23	PB170180
120-83-2	2,4-Dichlorophenol	1400		1	28.3	170	ug/Kg	10/22/25 11:23	PB170180
91-20-3	Naphthalene	1400		1	22.7	170	ug/Kg	10/22/25 11:23	PB170180
106-47-8	4-Chloroaniline	780		1	35.4	170	ug/Kg	10/22/25 11:23	PB170180
87-68-3	Hexachlorobutadiene	1500		1	25.3	170	ug/Kg	10/22/25 11:23	PB170180
105-60-2	Caprolactam	1500		1	52.0	330	ug/Kg	10/22/25 11:23	PB170180
59-50-7	4-Chloro-3-methylphenol	1400		1	28.7	170	ug/Kg	10/22/25 11:23	PB170180
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	10/22/25 11:23	PB170180
77-47-4	Hexachlorocyclopentadiene	3300	E	1	120	330	ug/Kg	10/22/25 11:23	PB170180
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	10/22/25 11:23	PB170180
95-95-4	2,4,5-Trichlorophenol	1400		1	29.1	170	ug/Kg	10/22/25 11:23	PB170180
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	10/22/25 11:23	PB170180
91-58-7	2-Chloronaphthalene	1500		1	22.5	170	ug/Kg	10/22/25 11:23	PB170180
88-74-4	2-Nitroaniline	1600		1	48.1	170	ug/Kg	10/22/25 11:23	PB170180
131-11-3	Dimethylphthalate	1500		1	27.1	170	ug/Kg	10/22/25 11:23	PB170180
208-96-8	Acenaphthylene	1700		1	28.9	170	ug/Kg	10/22/25 11:23	PB170180
606-20-2	2,6-Dinitrotoluene	1800		1	33.6	170	ug/Kg	10/22/25 11:23	PB170180
99-09-2	3-Nitroaniline	1100		1	46.0	170	ug/Kg	10/22/25 11:23	PB170180
83-32-9	Acenaphthene	1500		1	21.3	170	ug/Kg	10/22/25 11:23	PB170180
51-28-5	2,4-Dinitrophenol	2600		1	230	330	ug/Kg	10/22/25 11:23	PB170180
100-02-7	4-Nitrophenol	2600		1	110	330	ug/Kg	10/22/25 11:23	PB170180
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	10/22/25 11:23	PB170180
121-14-2	2,4-Dinitrotoluene	1700		1	50.0	170	ug/Kg	10/22/25 11:23	PB170180
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	10/22/25 11:23	PB170180
7005-72-3	4-Chlorophenyl-phenylether	1500		1	26.7	170	ug/Kg	10/22/25 11:23	PB170180
86-73-7	Fluorene	1500		1	25.3	170	ug/Kg	10/22/25 11:23	PB170180
100-01-6	4-Nitroaniline	1500		1	64.1	170	ug/Kg	10/22/25 11:23	PB170180
534-52-1	4,6-Dinitro-2-methylphenol	1800		1	100	330	ug/Kg	10/22/25 11:23	PB170180

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86-30-6	n-Nitrosodiphenylamine	1500	1	32.9		170	ug/Kg	10/22/25 11:23	PB170180
101-55-3	4-Bromophenyl-phenylether	1500	1	27.8		170	ug/Kg	10/22/25 11:23	PB170180
118-74-1	Hexachlorobenzene	1400	1	25.3		170	ug/Kg	10/22/25 11:23	PB170180
1912-24-9	Atrazine	1600	1	34.0		170	ug/Kg	10/22/25 11:23	PB170180
87-86-5	Pentachlorophenol	2400	1	51.2		330	ug/Kg	10/22/25 11:23	PB170180
85-01-8	Phenanthrene	1500	1	20.9		170	ug/Kg	10/22/25 11:23	PB170180
120-12-7	Anthracene	1500	1	33.3		170	ug/Kg	10/22/25 11:23	PB170180
86-74-8	Carbazole	1500	1	31.2		170	ug/Kg	10/22/25 11:23	PB170180
84-74-2	Di-n-butylphthalate	1500	1	47.9		170	ug/Kg	10/22/25 11:23	PB170180
206-44-0	Fluoranthene	1400	1	30.0		170	ug/Kg	10/22/25 11:23	PB170180
129-00-0	Pyrene	1600	1	36.0		170	ug/Kg	10/22/25 11:23	PB170180
85-68-7	Butylbenzylphthalate	1700	1	71.3		170	ug/Kg	10/22/25 11:23	PB170180
91-94-1	3,3-Dichlorobenzidine	1100	1	36.7		330	ug/Kg	10/22/25 11:23	PB170180
56-55-3	Benzo(a)anthracene	1500	1	23.0		170	ug/Kg	10/22/25 11:23	PB170180
218-01-9	Chrysene	1600	1	19.9		170	ug/Kg	10/22/25 11:23	PB170180
117-81-7	Bis(2-ethylhexyl)phthalate	1600	1	59.1		170	ug/Kg	10/22/25 11:23	PB170180
117-84-0	Di-n-octyl phthalate	1600	1	86.7		330	ug/Kg	10/22/25 11:23	PB170180
205-99-2	Benzo(b)fluoranthene	1400	1	19.0		170	ug/Kg	10/22/25 11:23	PB170180
207-08-9	Benzo(k)fluoranthene	1400	1	22.4		170	ug/Kg	10/22/25 11:23	PB170180
50-32-8	Benzo(a)pyrene	1600	1	29.5		170	ug/Kg	10/22/25 11:23	PB170180
193-39-5	Indeno(1,2,3-cd)pyrene	1900	1	29.1		170	ug/Kg	10/22/25 11:23	PB170180
53-70-3	Dibenzo(a,h)anthracene	1900	1	27.4		170	ug/Kg	10/22/25 11:23	PB170180
191-24-2	Benzo(g,h,i)perylene	1900	1	25.7		170	ug/Kg	10/22/25 11:23	PB170180
95-94-3	1,2,4,5-Tetrachlorobenzene	1600	1	25.6		170	ug/Kg	10/22/25 11:23	PB170180
123-91-1	1,4-Dioxane	1300	1	45.2		170	ug/Kg	10/22/25 11:23	PB170180
58-90-2	2,3,4,6-Tetrachlorophenol	1500	1	27.4		170	ug/Kg	10/22/25 11:23	PB170180

SURROGATES

367-12-4	2-Fluorophenol	116		18 - 112	78%	SPK: 150
13127-88-3	Phenol-d6	118		15 - 107	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.1		18 - 107	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		20 - 109	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		10 - 116	85%	SPK: 150
1718-51-0	Terphenyl-d14	95.9		10 - 105	96%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	120000
1146-65-2	Naphthalene-d8	460000
15067-26-2	Acenaphthene-d10	247000
1517-22-2	Phenanthrene-d10	410000
1719-03-5	Chrysene-d12	219000
1520-96-3	Perylene-d12	214000

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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