

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525MS
Lab Sample ID: Q3741-06MS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2100		1	180	380	ug/Kg	12/03/25 21:05	PB170797
108-95-2	Phenol	1700		1	25.7	200	ug/Kg	12/03/25 21:05	PB170797
111-44-4	bis(2-Chloroethyl)ether	1700		1	28.2	200	ug/Kg	12/03/25 21:05	PB170797
95-57-8	2-Chlorophenol	1800		1	28.3	200	ug/Kg	12/03/25 21:05	PB170797
95-48-7	2-Methylphenol	1700		1	34.7	200	ug/Kg	12/03/25 21:05	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	43.6	200	ug/Kg	12/03/25 21:05	PB170797
98-86-2	Acetophenone	1700		1	34.3	200	ug/Kg	12/03/25 21:05	PB170797
65794-96-9	3+4-Methylphenols	1700		1	47.7	380	ug/Kg	12/03/25 21:05	PB170797
621-64-7	n-Nitroso-di-n-propylamine	1600		1	55.1	92.9	ug/Kg	12/03/25 21:05	PB170797
67-72-1	Hexachloroethane	1700		1	20.4	200	ug/Kg	12/03/25 21:05	PB170797
98-95-3	Nitrobenzene	1700		1	21.3	200	ug/Kg	12/03/25 21:05	PB170797
78-59-1	Isophorone	1600		1	38.1	200	ug/Kg	12/03/25 21:05	PB170797
88-75-5	2-Nitrophenol	1800		1	67.6	200	ug/Kg	12/03/25 21:05	PB170797
105-67-9	2,4-Dimethylphenol	1700		1	75.3	200	ug/Kg	12/03/25 21:05	PB170797
111-91-1	bis(2-Chloroethoxy)methane	1600		1	35.8	200	ug/Kg	12/03/25 21:05	PB170797
120-83-2	2,4-Dichlorophenol	1800		1	32.9	200	ug/Kg	12/03/25 21:05	PB170797
91-20-3	Naphthalene	1700		1	26.4	200	ug/Kg	12/03/25 21:05	PB170797
106-47-8	4-Chloroaniline	370		1	41.1	200	ug/Kg	12/03/25 21:05	PB170797
87-68-3	Hexachlorobutadiene	1800		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
105-60-2	Caprolactam	1400		1	60.5	380	ug/Kg	12/03/25 21:05	PB170797
59-50-7	4-Chloro-3-methylphenol	1700		1	33.3	200	ug/Kg	12/03/25 21:05	PB170797
91-57-6	2-Methylnaphthalene	1600		1	29.7	200	ug/Kg	12/03/25 21:05	PB170797
77-47-4	Hexachlorocyclopentadiene	3200	E	1	130	380	ug/Kg	12/03/25 21:05	PB170797
88-06-2	2,4,6-Trichlorophenol	1900		1	23.0	200	ug/Kg	12/03/25 21:05	PB170797
95-95-4	2,4,5-Trichlorophenol	1800		1	33.8	200	ug/Kg	12/03/25 21:05	PB170797
92-52-4	1,1-Biphenyl	1800		1	25.3	200	ug/Kg	12/03/25 21:05	PB170797
91-58-7	2-Chloronaphthalene	1800		1	26.1	200	ug/Kg	12/03/25 21:05	PB170797
88-74-4	2-Nitroaniline	1700		1	55.9	200	ug/Kg	12/03/25 21:05	PB170797
131-11-3	Dimethylphthalate	1700		1	31.5	200	ug/Kg	12/03/25 21:05	PB170797
208-96-8	Acenaphthylene	1800		1	33.6	200	ug/Kg	12/03/25 21:05	PB170797
606-20-2	2,6-Dinitrotoluene	1900		1	39.0	200	ug/Kg	12/03/25 21:05	PB170797
99-09-2	3-Nitroaniline	540		1	53.4	200	ug/Kg	12/03/25 21:05	PB170797
83-32-9	Acenaphthene	1700		1	24.7	200	ug/Kg	12/03/25 21:05	PB170797
51-28-5	2,4-Dinitrophenol	2800		1	270	380	ug/Kg	12/03/25 21:05	PB170797
100-02-7	4-Nitrophenol	2800		1	120	380	ug/Kg	12/03/25 21:05	PB170797
132-64-9	Dibenzofuran	1800		1	26.4	200	ug/Kg	12/03/25 21:05	PB170797
121-14-2	2,4-Dinitrotoluene	1700		1	58.2	200	ug/Kg	12/03/25 21:05	PB170797
84-66-2	Diethylphthalate	1700		1	32.9	200	ug/Kg	12/03/25 21:05	PB170797
7005-72-3	4-Chlorophenyl-phenylether	1700		1	31.0	200	ug/Kg	12/03/25 21:05	PB170797
86-73-7	Fluorene	1700		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
100-01-6	4-Nitroaniline	1200		1	74.6	200	ug/Kg	12/03/25 21:05	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	1600		1	120	380	ug/Kg	12/03/25 21:05	PB170797

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86-30-6	n-Nitrosodiphenylamine	1900		1	38.2	200	ug/Kg	12/03/25 21:05	PB170797
101-55-3	4-Bromophenyl-phenylether	2000		1	32.3	200	ug/Kg	12/03/25 21:05	PB170797
118-74-1	Hexachlorobenzene	2000		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
1912-24-9	Atrazine	1800		1	39.5	200	ug/Kg	12/03/25 21:05	PB170797
87-86-5	Pentachlorophenol	3600	E	1	59.6	380	ug/Kg	12/03/25 21:05	PB170797
85-01-8	Phenanthrene	2200		1	24.3	200	ug/Kg	12/03/25 21:05	PB170797
120-12-7	Anthracene	1900		1	38.7	200	ug/Kg	12/03/25 21:05	PB170797
86-74-8	Carbazole	1700		1	36.2	200	ug/Kg	12/03/25 21:05	PB170797
84-74-2	Di-n-butylphthalate	1800		1	55.6	200	ug/Kg	12/03/25 21:05	PB170797
206-44-0	Fluoranthene	2100		1	34.8	200	ug/Kg	12/03/25 21:05	PB170797
129-00-0	Pyrene	2300		1	41.8	200	ug/Kg	12/03/25 21:05	PB170797
85-68-7	Butylbenzylphthalate	1900		1	82.9	200	ug/Kg	12/03/25 21:05	PB170797
91-94-1	3,3-Dichlorobenzidine	690		1	42.6	380	ug/Kg	12/03/25 21:05	PB170797
56-55-3	Benzo(a)anthracene	2000		1	26.7	200	ug/Kg	12/03/25 21:05	PB170797
218-01-9	Chrysene	2100		1	23.1	200	ug/Kg	12/03/25 21:05	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	68.8	200	ug/Kg	12/03/25 21:05	PB170797
117-84-0	Di-n-octyl phthalate	1700		1	100	380	ug/Kg	12/03/25 21:05	PB170797
205-99-2	Benzo(b)fluoranthene	2100		1	22.1	200	ug/Kg	12/03/25 21:05	PB170797
207-08-9	Benzo(k)fluoranthene	2000		1	26.0	200	ug/Kg	12/03/25 21:05	PB170797
50-32-8	Benzo(a)pyrene	2100		1	34.3	200	ug/Kg	12/03/25 21:05	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	2000		1	33.8	200	ug/Kg	12/03/25 21:05	PB170797
53-70-3	Dibenzo(a,h)anthracene	1900		1	31.8	200	ug/Kg	12/03/25 21:05	PB170797
191-24-2	Benzo(g,h,i)perylene	2000		1	29.8	200	ug/Kg	12/03/25 21:05	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		1	29.7	200	ug/Kg	12/03/25 21:05	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	31.8	200	ug/Kg	12/03/25 21:05	PB170797

SURROGATES

367-12-4	2-Fluorophenol	59.1		10 - 105	39%	SPK: 150
13127-88-3	Phenol-d6	79.0		10 - 103	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.4		10 - 108	56%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.6		10 - 108	61%	SPK: 100
118-79-6	2,4,6-Tribromophenol	50.8		10 - 116	34%	SPK: 150
1718-51-0	Terphenyl-d14	63.6		10 - 109	64%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	313000
1146-65-2	Naphthalene-d8	1250000
15067-26-2	Acenaphthene-d10	746000
1517-22-2	Phenanthrene-d10	1320000
1719-03-5	Chrysene-d12	1250000
1520-96-3	Perylene-d12	1480000

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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