

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.05 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: 84.6
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	390	ug/Kg	12/03/25 14:56	PB170797
108-95-2	Phenol	26.1	U	1	26.1	200	ug/Kg	12/03/25 14:56	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.7	U	1	28.7	200	ug/Kg	12/03/25 14:56	PB170797
95-57-8	2-Chlorophenol	28.8	U	1	28.8	200	ug/Kg	12/03/25 14:56	PB170797
95-48-7	2-Methylphenol	35.3	U	1	35.3	200	ug/Kg	12/03/25 14:56	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	44.3	U	1	44.3	200	ug/Kg	12/03/25 14:56	PB170797
98-86-2	Acetophenone	34.8	U	1	34.8	200	ug/Kg	12/03/25 14:56	PB170797
65794-96-9	3+4-Methylphenols	48.5	U	1	48.5	390	ug/Kg	12/03/25 14:56	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.9	U	1	55.9	94.4	ug/Kg	12/03/25 14:56	PB170797
67-72-1	Hexachloroethane	20.8	U	1	20.8	200	ug/Kg	12/03/25 14:56	PB170797
98-95-3	Nitrobenzene	21.6	U	1	21.6	200	ug/Kg	12/03/25 14:56	PB170797
78-59-1	Isophorone	38.7	U	1	38.7	200	ug/Kg	12/03/25 14:56	PB170797
88-75-5	2-Nitrophenol	68.7	U	1	68.7	200	ug/Kg	12/03/25 14:56	PB170797
105-67-9	2,4-Dimethylphenol	76.5	U	1	76.5	200	ug/Kg	12/03/25 14:56	PB170797
111-91-1	bis(2-Chloroethoxy)methane	36.3	U	1	36.3	200	ug/Kg	12/03/25 14:56	PB170797
120-83-2	2,4-Dichlorophenol	33.4	U	1	33.4	200	ug/Kg	12/03/25 14:56	PB170797
91-20-3	Naphthalene	310		1	26.8	200	ug/Kg	12/03/25 14:56	PB170797
106-47-8	4-Chloroaniline	41.8	U	1	41.8	200	ug/Kg	12/03/25 14:56	PB170797
87-68-3	Hexachlorobutadiene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
105-60-2	Caprolactam	61.5	UQ	1	61.5	390	ug/Kg	12/03/25 14:56	PB170797
59-50-7	4-Chloro-3-methylphenol	33.9	U	1	33.9	200	ug/Kg	12/03/25 14:56	PB170797
91-57-6	2-Methylnaphthalene	340		1	30.2	200	ug/Kg	12/03/25 14:56	PB170797
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/03/25 14:56	PB170797
88-06-2	2,4,6-Trichlorophenol	23.4	U	1	23.4	200	ug/Kg	12/03/25 14:56	PB170797
95-95-4	2,4,5-Trichlorophenol	34.3	U	1	34.3	200	ug/Kg	12/03/25 14:56	PB170797
92-52-4	1,1-Biphenyl	25.7	U	1	25.7	200	ug/Kg	12/03/25 14:56	PB170797
91-58-7	2-Chloronaphthalene	26.6	U	1	26.6	200	ug/Kg	12/03/25 14:56	PB170797
88-74-4	2-Nitroaniline	56.8	U	1	56.8	200	ug/Kg	12/03/25 14:56	PB170797
131-11-3	Dimethylphthalate	32.0	U	1	32.0	200	ug/Kg	12/03/25 14:56	PB170797
208-96-8	Acenaphthylene	34.1	U	1	34.1	200	ug/Kg	12/03/25 14:56	PB170797
606-20-2	2,6-Dinitrotoluene	39.7	U	1	39.7	200	ug/Kg	12/03/25 14:56	PB170797
99-09-2	3-Nitroaniline	54.3	U	1	54.3	200	ug/Kg	12/03/25 14:56	PB170797
83-32-9	Acenaphthene	25.1	U	1	25.1	200	ug/Kg	12/03/25 14:56	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/03/25 14:56	PB170797
100-02-7	4-Nitrophenol	130	U	1	130	390	ug/Kg	12/03/25 14:56	PB170797
132-64-9	Dibenzofuran	26.8	U	1	26.8	200	ug/Kg	12/03/25 14:56	PB170797
121-14-2	2,4-Dinitrotoluene	59.1	UQ	1	59.1	200	ug/Kg	12/03/25 14:56	PB170797
84-66-2	Diethylphthalate	33.4	U	1	33.4	200	ug/Kg	12/03/25 14:56	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.5	U	1	31.5	200	ug/Kg	12/03/25 14:56	PB170797
86-73-7	Fluorene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
100-01-6	4-Nitroaniline	75.8	U	1	75.8	200	ug/Kg	12/03/25 14:56	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/03/25 14:56	PB170797

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.8	U	1	38.8	200	ug/Kg	12/03/25 14:56	PB170797
101-55-3	4-Bromophenyl-phenylether	32.8	U	1	32.8	200	ug/Kg	12/03/25 14:56	PB170797
118-74-1	Hexachlorobenzene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
1912-24-9	Atrazine	40.1	U	1	40.1	200	ug/Kg	12/03/25 14:56	PB170797
87-86-5	Pentachlorophenol	60.5	U	1	60.5	390	ug/Kg	12/03/25 14:56	PB170797
85-01-8	Phenanthrene	310		1	24.7	200	ug/Kg	12/03/25 14:56	PB170797
120-12-7	Anthracene	39.3	U	1	39.3	200	ug/Kg	12/03/25 14:56	PB170797
86-74-8	Carbazole	36.8	U	1	36.8	200	ug/Kg	12/03/25 14:56	PB170797
84-74-2	Di-n-butylphthalate	56.5	U	1	56.5	200	ug/Kg	12/03/25 14:56	PB170797
206-44-0	Fluoranthene	320		1	35.4	200	ug/Kg	12/03/25 14:56	PB170797
129-00-0	Pyrene	290		1	42.5	200	ug/Kg	12/03/25 14:56	PB170797
85-68-7	Butylbenzylphthalate	84.3	U	1	84.3	200	ug/Kg	12/03/25 14:56	PB170797
91-94-1	3,3-Dichlorobenzidine	43.3	U	1	43.3	390	ug/Kg	12/03/25 14:56	PB170797
56-55-3	Benzo(a)anthracene	140	J	1	27.1	200	ug/Kg	12/03/25 14:56	PB170797
218-01-9	Chrysene	180	J	1	23.5	200	ug/Kg	12/03/25 14:56	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	69.9	U	1	69.9	200	ug/Kg	12/03/25 14:56	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/03/25 14:56	PB170797
205-99-2	Benzo(b)fluoranthene	180	J	1	22.4	200	ug/Kg	12/03/25 14:56	PB170797
207-08-9	Benzo(k)fluoranthene	26.4	U	1	26.4	200	ug/Kg	12/03/25 14:56	PB170797
50-32-8	Benzo(a)pyrene	140	J	1	34.8	200	ug/Kg	12/03/25 14:56	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	78.7	J	1	34.3	200	ug/Kg	12/03/25 14:56	PB170797
53-70-3	Dibenzo(a,h)anthracene	32.3	U	1	32.3	200	ug/Kg	12/03/25 14:56	PB170797
191-24-2	Benzo(g,h,i)perylene	100	J	1	30.3	200	ug/Kg	12/03/25 14:56	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	30.2	U	1	30.2	200	ug/Kg	12/03/25 14:56	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	32.3	U	1	32.3	200	ug/Kg	12/03/25 14:56	PB170797

SURROGATES

367-12-4	2-Fluorophenol	29.7			10 - 105	20%	SPK: 150
13127-88-3	Phenol-d6	45.7			10 - 103	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.2			10 - 108	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.2			10 - 108	52%	SPK: 100
118-79-6	2,4,6-Tribromophenol	23.7			10 - 116	16%	SPK: 150
1718-51-0	Terphenyl-d14	49.4			10 - 109	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	320000
1146-65-2	Naphthalene-d8	1220000
15067-26-2	Acenaphthene-d10	711000
1517-22-2	Phenanthrene-d10	1220000
1719-03-5	Chrysene-d12	1260000
1520-96-3	Perylene-d12	1600000

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Lab Sample ID:	Q3741-05		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	84.6
Sample Wt/Vol:	30.05 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date: 12/03/25		

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