

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525
Lab Sample ID: Q3741-06
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.08 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	180	U	1	180	380	ug/Kg	12/03/25 20:24	PB170797
108-95-2	Phenol	25.7	U	1	25.7	200	ug/Kg	12/03/25 20:24	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.2	U	1	28.2	200	ug/Kg	12/03/25 20:24	PB170797
95-57-8	2-Chlorophenol	28.3	U	1	28.3	200	ug/Kg	12/03/25 20:24	PB170797
95-48-7	2-Methylphenol	34.7	U	1	34.7	200	ug/Kg	12/03/25 20:24	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	43.5	U	1	43.5	200	ug/Kg	12/03/25 20:24	PB170797
98-86-2	Acetophenone	34.3	U	1	34.3	200	ug/Kg	12/03/25 20:24	PB170797
65794-96-9	3+4-Methylphenols	47.7	U	1	47.7	380	ug/Kg	12/03/25 20:24	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.0	U	1	55.0	92.9	ug/Kg	12/03/25 20:24	PB170797
67-72-1	Hexachloroethane	20.4	U	1	20.4	200	ug/Kg	12/03/25 20:24	PB170797
98-95-3	Nitrobenzene	21.2	U	1	21.2	200	ug/Kg	12/03/25 20:24	PB170797
78-59-1	Isophorone	38.1	U	1	38.1	200	ug/Kg	12/03/25 20:24	PB170797
88-75-5	2-Nitrophenol	67.6	U	1	67.6	200	ug/Kg	12/03/25 20:24	PB170797
105-67-9	2,4-Dimethylphenol	75.2	U	1	75.2	200	ug/Kg	12/03/25 20:24	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.8	U	1	35.8	200	ug/Kg	12/03/25 20:24	PB170797
120-83-2	2,4-Dichlorophenol	32.9	U	1	32.9	200	ug/Kg	12/03/25 20:24	PB170797
91-20-3	Naphthalene	26.4	U	1	26.4	200	ug/Kg	12/03/25 20:24	PB170797
106-47-8	4-Chloroaniline	41.1	U	1	41.1	200	ug/Kg	12/03/25 20:24	PB170797
87-68-3	Hexachlorobutadiene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
105-60-2	Caprolactam	60.5	UQ	1	60.5	380	ug/Kg	12/03/25 20:24	PB170797
59-50-7	4-Chloro-3-methylphenol	33.3	U	1	33.3	200	ug/Kg	12/03/25 20:24	PB170797
91-57-6	2-Methylnaphthalene	29.7	U	1	29.7	200	ug/Kg	12/03/25 20:24	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 20:24	PB170797
88-06-2	2,4,6-Trichlorophenol	23.0	U	1	23.0	200	ug/Kg	12/03/25 20:24	PB170797
95-95-4	2,4,5-Trichlorophenol	33.8	U	1	33.8	200	ug/Kg	12/03/25 20:24	PB170797
92-52-4	1,1-Biphenyl	25.3	U	1	25.3	200	ug/Kg	12/03/25 20:24	PB170797
91-58-7	2-Chloronaphthalene	26.1	U	1	26.1	200	ug/Kg	12/03/25 20:24	PB170797
88-74-4	2-Nitroaniline	55.8	U	1	55.8	200	ug/Kg	12/03/25 20:24	PB170797
131-11-3	Dimethylphthalate	31.5	U	1	31.5	200	ug/Kg	12/03/25 20:24	PB170797
208-96-8	Acenaphthylene	33.6	U	1	33.6	200	ug/Kg	12/03/25 20:24	PB170797
606-20-2	2,6-Dinitrotoluene	39.0	U	1	39.0	200	ug/Kg	12/03/25 20:24	PB170797
99-09-2	3-Nitroaniline	53.4	U	1	53.4	200	ug/Kg	12/03/25 20:24	PB170797
83-32-9	Acenaphthene	24.7	U	1	24.7	200	ug/Kg	12/03/25 20:24	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	380	ug/Kg	12/03/25 20:24	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 20:24	PB170797
132-64-9	Dibenzofuran	26.4	U	1	26.4	200	ug/Kg	12/03/25 20:24	PB170797
121-14-2	2,4-Dinitrotoluene	58.2	UQ	1	58.2	200	ug/Kg	12/03/25 20:24	PB170797
84-66-2	Diethylphthalate	32.9	U	1	32.9	200	ug/Kg	12/03/25 20:24	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.0	U	1	31.0	200	ug/Kg	12/03/25 20:24	PB170797
86-73-7	Fluorene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
100-01-6	4-Nitroaniline	74.5	U	1	74.5	200	ug/Kg	12/03/25 20:24	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 20:24	PB170797

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SDG No.: Q3741
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% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.2	U	1	38.2	200	ug/Kg	12/03/25 20:24	PB170797
101-55-3	4-Bromophenyl-phenylether	32.3	U	1	32.3	200	ug/Kg	12/03/25 20:24	PB170797
118-74-1	Hexachlorobenzene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
1912-24-9	Atrazine	39.5	U	1	39.5	200	ug/Kg	12/03/25 20:24	PB170797
87-86-5	Pentachlorophenol	59.6	U	1	59.6	380	ug/Kg	12/03/25 20:24	PB170797
85-01-8	Phenanthrene	420		1	24.3	200	ug/Kg	12/03/25 20:24	PB170797
120-12-7	Anthracene	38.7	U	1	38.7	200	ug/Kg	12/03/25 20:24	PB170797
86-74-8	Carbazole	36.2	U	1	36.2	200	ug/Kg	12/03/25 20:24	PB170797
84-74-2	Di-n-butylphthalate	55.6	U	1	55.6	200	ug/Kg	12/03/25 20:24	PB170797
206-44-0	Fluoranthene	420		1	34.8	200	ug/Kg	12/03/25 20:24	PB170797
129-00-0	Pyrene	420		1	41.8	200	ug/Kg	12/03/25 20:24	PB170797
85-68-7	Butylbenzylphthalate	82.9	U	1	82.9	200	ug/Kg	12/03/25 20:24	PB170797
91-94-1	3,3-Dichlorobenzidine	42.6	U	1	42.6	380	ug/Kg	12/03/25 20:24	PB170797
56-55-3	Benzo(a)anthracene	250		1	26.7	200	ug/Kg	12/03/25 20:24	PB170797
218-01-9	Chrysene	270		1	23.1	200	ug/Kg	12/03/25 20:24	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	68.7	U	1	68.7	200	ug/Kg	12/03/25 20:24	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	380	ug/Kg	12/03/25 20:24	PB170797
205-99-2	Benzo(b)fluoranthene	310		1	22.1	200	ug/Kg	12/03/25 20:24	PB170797
207-08-9	Benzo(k)fluoranthene	120	J	1	26.0	200	ug/Kg	12/03/25 20:24	PB170797
50-32-8	Benzo(a)pyrene	280		1	34.3	200	ug/Kg	12/03/25 20:24	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	1	33.8	200	ug/Kg	12/03/25 20:24	PB170797
53-70-3	Dibenzo(a,h)anthracene	31.8	U	1	31.8	200	ug/Kg	12/03/25 20:24	PB170797
191-24-2	Benzo(g,h,i)perylene	170	J	1	29.8	200	ug/Kg	12/03/25 20:24	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.7	U	1	29.7	200	ug/Kg	12/03/25 20:24	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.8	U	1	31.8	200	ug/Kg	12/03/25 20:24	PB170797

SURROGATES

367-12-4	2-Fluorophenol	56.6			10 - 105	38%	SPK: 150
13127-88-3	Phenol-d6	76.5			10 - 103	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.6			10 - 108	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.0			10 - 108	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	41.5			10 - 116	28%	SPK: 150
1718-51-0	Terphenyl-d14	53.5			10 - 109	54%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	317000
1146-65-2	Naphthalene-d8	1280000
15067-26-2	Acenaphthene-d10	788000
1517-22-2	Phenanthrene-d10	1230000
1719-03-5	Chrysene-d12	1200000
1520-96-3	Perylene-d12	1570000

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Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
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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