

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425
Lab Sample ID: Q3741-04
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
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 16:06	PB170797
108-95-2	Phenol	25.9	U	1	25.9	200	ug/Kg	12/03/25 16:06	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.5	U	1	28.5	200	ug/Kg	12/03/25 16:06	PB170797
95-57-8	2-Chlorophenol	28.6	U	1	28.6	200	ug/Kg	12/03/25 16:06	PB170797
95-48-7	2-Methylphenol	35.1	U	1	35.1	200	ug/Kg	12/03/25 16:06	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	44.0	U	1	44.0	200	ug/Kg	12/03/25 16:06	PB170797
98-86-2	Acetophenone	34.6	U	1	34.6	200	ug/Kg	12/03/25 16:06	PB170797
65794-96-9	3+4-Methylphenols	48.2	U	1	48.2	390	ug/Kg	12/03/25 16:06	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.6	U	1	55.6	93.8	ug/Kg	12/03/25 16:06	PB170797
67-72-1	Hexachloroethane	20.6	U	1	20.6	200	ug/Kg	12/03/25 16:06	PB170797
98-95-3	Nitrobenzene	21.5	U	1	21.5	200	ug/Kg	12/03/25 16:06	PB170797
78-59-1	Isophorone	38.5	U	1	38.5	200	ug/Kg	12/03/25 16:06	PB170797
88-75-5	2-Nitrophenol	68.2	U	1	68.2	200	ug/Kg	12/03/25 16:06	PB170797
105-67-9	2,4-Dimethylphenol	76.0	U	1	76.0	200	ug/Kg	12/03/25 16:06	PB170797
111-91-1	bis(2-Chloroethoxy)methane	36.1	U	1	36.1	200	ug/Kg	12/03/25 16:06	PB170797
120-83-2	2,4-Dichlorophenol	33.2	U	1	33.2	200	ug/Kg	12/03/25 16:06	PB170797
91-20-3	Naphthalene	26.6	U	1	26.6	200	ug/Kg	12/03/25 16:06	PB170797
106-47-8	4-Chloroaniline	41.5	U	1	41.5	200	ug/Kg	12/03/25 16:06	PB170797
87-68-3	Hexachlorobutadiene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
105-60-2	Caprolactam	61.1	UQ	1	61.1	390	ug/Kg	12/03/25 16:06	PB170797
59-50-7	4-Chloro-3-methylphenol	33.7	U	1	33.7	200	ug/Kg	12/03/25 16:06	PB170797
91-57-6	2-Methylnaphthalene	30.0	U	1	30.0	200	ug/Kg	12/03/25 16:06	PB170797
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/03/25 16:06	PB170797
88-06-2	2,4,6-Trichlorophenol	23.2	U	1	23.2	200	ug/Kg	12/03/25 16:06	PB170797
95-95-4	2,4,5-Trichlorophenol	34.1	U	1	34.1	200	ug/Kg	12/03/25 16:06	PB170797
92-52-4	1,1-Biphenyl	25.6	U	1	25.6	200	ug/Kg	12/03/25 16:06	PB170797
91-58-7	2-Chloronaphthalene	26.4	U	1	26.4	200	ug/Kg	12/03/25 16:06	PB170797
88-74-4	2-Nitroaniline	56.4	U	1	56.4	200	ug/Kg	12/03/25 16:06	PB170797
131-11-3	Dimethylphthalate	31.8	U	1	31.8	200	ug/Kg	12/03/25 16:06	PB170797
208-96-8	Acenaphthylene	33.9	U	1	33.9	200	ug/Kg	12/03/25 16:06	PB170797
606-20-2	2,6-Dinitrotoluene	39.4	U	1	39.4	200	ug/Kg	12/03/25 16:06	PB170797
99-09-2	3-Nitroaniline	53.9	U	1	53.9	200	ug/Kg	12/03/25 16:06	PB170797
83-32-9	Acenaphthene	25.0	U	1	25.0	200	ug/Kg	12/03/25 16:06	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/03/25 16:06	PB170797
100-02-7	4-Nitrophenol	130	U	1	130	390	ug/Kg	12/03/25 16:06	PB170797
132-64-9	Dibenzofuran	26.6	U	1	26.6	200	ug/Kg	12/03/25 16:06	PB170797
121-14-2	2,4-Dinitrotoluene	58.7	UQ	1	58.7	200	ug/Kg	12/03/25 16:06	PB170797
84-66-2	Diethylphthalate	33.2	U	1	33.2	200	ug/Kg	12/03/25 16:06	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.3	U	1	31.3	200	ug/Kg	12/03/25 16:06	PB170797
86-73-7	Fluorene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
100-01-6	4-Nitroaniline	75.3	U	1	75.3	200	ug/Kg	12/03/25 16:06	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/03/25 16:06	PB170797

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SDG No.: Q3741
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% Solid: 85.2
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.6	U	1	38.6	200	ug/Kg	12/03/25 16:06	PB170797
101-55-3	4-Bromophenyl-phenylether	32.6	U	1	32.6	200	ug/Kg	12/03/25 16:06	PB170797
118-74-1	Hexachlorobenzene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
1912-24-9	Atrazine	39.9	U	1	39.9	200	ug/Kg	12/03/25 16:06	PB170797
87-86-5	Pentachlorophenol	60.2	U	1	60.2	390	ug/Kg	12/03/25 16:06	PB170797
85-01-8	Phenanthrene	250		1	24.5	200	ug/Kg	12/03/25 16:06	PB170797
120-12-7	Anthracene	39.0	U	1	39.0	200	ug/Kg	12/03/25 16:06	PB170797
86-74-8	Carbazole	36.6	U	1	36.6	200	ug/Kg	12/03/25 16:06	PB170797
84-74-2	Di-n-butylphthalate	56.2	U	1	56.2	200	ug/Kg	12/03/25 16:06	PB170797
206-44-0	Fluoranthene	400		1	35.2	200	ug/Kg	12/03/25 16:06	PB170797
129-00-0	Pyrene	280		1	42.2	200	ug/Kg	12/03/25 16:06	PB170797
85-68-7	Butylbenzylphthalate	83.7	U	1	83.7	200	ug/Kg	12/03/25 16:06	PB170797
91-94-1	3,3-Dichlorobenzidine	43.0	U	1	43.0	390	ug/Kg	12/03/25 16:06	PB170797
56-55-3	Benzo(a)anthracene	290		1	27.0	200	ug/Kg	12/03/25 16:06	PB170797
218-01-9	Chrysene	260		1	23.3	200	ug/Kg	12/03/25 16:06	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	69.4	U	1	69.4	200	ug/Kg	12/03/25 16:06	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/03/25 16:06	PB170797
205-99-2	Benzo(b)fluoranthene	480		1	22.3	200	ug/Kg	12/03/25 16:06	PB170797
207-08-9	Benzo(k)fluoranthene	150	J	1	26.3	200	ug/Kg	12/03/25 16:06	PB170797
50-32-8	Benzo(a)pyrene	420		1	34.6	200	ug/Kg	12/03/25 16:06	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	1	34.1	200	ug/Kg	12/03/25 16:06	PB170797
53-70-3	Dibenzo(a,h)anthracene	32.1	U	1	32.1	200	ug/Kg	12/03/25 16:06	PB170797
191-24-2	Benzo(g,h,i)perylene	220		1	30.1	200	ug/Kg	12/03/25 16:06	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	30.0	U	1	30.0	200	ug/Kg	12/03/25 16:06	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	32.1	U	1	32.1	200	ug/Kg	12/03/25 16:06	PB170797

SURROGATES

367-12-4	2-Fluorophenol	57.5			10 - 105	38%	SPK: 150
13127-88-3	Phenol-d6	88.9			10 - 103	59%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.2			10 - 108	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.4			10 - 108	68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	36.4			10 - 116	24%	SPK: 150
1718-51-0	Terphenyl-d14	49.2			10 - 109	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	45100
1146-65-2	Naphthalene-d8	171000
15067-26-2	Acenaphthene-d10	84900
1517-22-2	Phenanthrene-d10	135000
1719-03-5	Chrysene-d12	128000
1520-96-3	Perylene-d12	147000

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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