

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP3-111925
Lab Sample ID: Q3741-01
Analytical Method: 8260D
Sample Wt/Vol: 6.36 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/19/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 91.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.98	U	1	0.98	4.30	ug/Kg	12/01/25 14:23	VY120125
74-87-3	Chloromethane	0.98	U	1	0.98	4.30	ug/Kg	12/01/25 14:23	VY120125
75-01-4	Vinyl Chloride	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
74-83-9	Bromomethane	0.92	U	1	0.92	4.30	ug/Kg	12/01/25 14:23	VY120125
75-00-3	Chloroethane	1.10	U	1	1.10	4.30	ug/Kg	12/01/25 14:23	VY120125
75-69-4	Trichlorofluoromethane	1.00	U	1	1.00	4.30	ug/Kg	12/01/25 14:23	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.91	U	1	0.91	4.30	ug/Kg	12/01/25 14:23	VY120125
75-35-4	1,1-Dichloroethene	0.86	U	1	0.86	4.30	ug/Kg	12/01/25 14:23	VY120125
67-64-1	Acetone	4.10	U	1	4.10	21.5	ug/Kg	12/01/25 14:23	VY120125
75-15-0	Carbon Disulfide	0.91	U	1	0.91	4.30	ug/Kg	12/01/25 14:23	VY120125
1634-04-4	Methyl tert-butyl Ether	0.63	U	1	0.63	4.30	ug/Kg	12/01/25 14:23	VY120125
79-20-9	Methyl Acetate	1.30	U	1	1.30	4.30	ug/Kg	12/01/25 14:23	VY120125
75-09-2	Methylene Chloride	3.00	U	1	3.00	8.60	ug/Kg	12/01/25 14:23	VY120125
156-60-5	trans-1,2-Dichloroethene	0.74	U	1	0.74	4.30	ug/Kg	12/01/25 14:23	VY120125
75-34-3	1,1-Dichloroethane	0.69	U	1	0.69	4.30	ug/Kg	12/01/25 14:23	VY120125
110-82-7	Cyclohexane	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
78-93-3	2-Butanone	5.60	U	1	5.60	21.5	ug/Kg	12/01/25 14:23	VY120125
56-23-5	Carbon Tetrachloride	0.83	U	1	0.83	4.30	ug/Kg	12/01/25 14:23	VY120125
156-59-2	cis-1,2-Dichloroethene	0.64	U	1	0.64	4.30	ug/Kg	12/01/25 14:23	VY120125
74-97-5	Bromochloromethane	0.99	U	1	0.99	4.30	ug/Kg	12/01/25 14:23	VY120125
67-66-3	Chloroform	0.72	U	1	0.72	4.30	ug/Kg	12/01/25 14:23	VY120125
71-55-6	1,1,1-Trichloroethane	0.80	U	1	0.80	4.30	ug/Kg	12/01/25 14:23	VY120125
108-87-2	Methylcyclohexane	0.78	U	1	0.78	4.30	ug/Kg	12/01/25 14:23	VY120125
71-43-2	Benzene	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
107-06-2	1,2-Dichloroethane	0.68	U	1	0.68	4.30	ug/Kg	12/01/25 14:23	VY120125
79-01-6	Trichloroethene	0.70	U	1	0.70	4.30	ug/Kg	12/01/25 14:23	VY120125
78-87-5	1,2-Dichloropropane	0.78	U	1	0.78	4.30	ug/Kg	12/01/25 14:23	VY120125
75-27-4	Bromodichloromethane	0.67	U	1	0.67	4.30	ug/Kg	12/01/25 14:23	VY120125
108-10-1	4-Methyl-2-Pentanone	3.10	U	1	3.10	21.5	ug/Kg	12/01/25 14:23	VY120125
108-88-3	Toluene	0.67	U	1	0.67	4.30	ug/Kg	12/01/25 14:23	VY120125
10061-02-6	t-1,3-Dichloropropene	0.56	U	1	0.56	4.30	ug/Kg	12/01/25 14:23	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.53	U	1	0.53	4.30	ug/Kg	12/01/25 14:23	VY120125
79-00-5	1,1,2-Trichloroethane	0.79	U	1	0.79	4.30	ug/Kg	12/01/25 14:23	VY120125
591-78-6	2-Hexanone	3.20	U	1	3.20	21.5	ug/Kg	12/01/25 14:23	VY120125
124-48-1	Dibromochloromethane	0.75	U	1	0.75	4.30	ug/Kg	12/01/25 14:23	VY120125
106-93-4	1,2-Dibromoethane	0.76	U	1	0.76	4.30	ug/Kg	12/01/25 14:23	VY120125
127-18-4	Tetrachloroethene	0.90	U	1	0.90	4.30	ug/Kg	12/01/25 14:23	VY120125
108-90-7	Chlorobenzene	0.78	U	1	0.78	4.30	ug/Kg	12/01/25 14:23	VY120125
100-41-4	Ethyl Benzene	0.58	U	1	0.58	4.30	ug/Kg	12/01/25 14:23	VY120125
179601-23-1	m/p-Xylenes	1.10	U	1	1.10	8.60	ug/Kg	12/01/25 14:23	VY120125
95-47-6	o-Xylene	0.70	U	1	0.70	4.30	ug/Kg	12/01/25 14:23	VY120125
100-42-5	Styrene	0.61	U	1	0.61	4.30	ug/Kg	12/01/25 14:23	VY120125
75-25-2	Bromoform	0.74	U	1	0.74	4.30	ug/Kg	12/01/25 14:23	VY120125

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Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925	SDG No.:	Q3741
Lab Sample ID:	Q3741-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.6
Sample Wt/Vol:	6.36 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.67	U	1	0.67	4.30	ug/Kg	12/01/25 14:23	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	1.00	4.30	ug/Kg	12/01/25 14:23	VY120125
541-73-1	1,3-Dichlorobenzene	1.50	U	1	1.50	4.30	ug/Kg	12/01/25 14:23	VY120125
106-46-7	1,4-Dichlorobenzene	1.30	U	1	1.30	4.30	ug/Kg	12/01/25 14:23	VY120125
95-50-1	1,2-Dichlorobenzene	1.20	U	1	1.20	4.30	ug/Kg	12/01/25 14:23	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.60	U	1	1.60	4.30	ug/Kg	12/01/25 14:23	VY120125
120-82-1	1,2,4-Trichlorobenzene	2.50	U	1	2.50	4.30	ug/Kg	12/01/25 14:23	VY120125
87-61-6	1,2,3-Trichlorobenzene	2.70	U	1	2.70	4.30	ug/Kg	12/01/25 14:23	VY120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	63.1			63 - 155	126%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.1			70 - 134	104%	SPK: 50		
2037-26-5	Toluene-d8	50.2			74 - 123	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.0			52 - 138	86%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	650000							
540-36-3	1,4-Difluorobenzene	1230000							
3114-55-4	Chlorobenzene-d5	1030000							
3855-82-1	1,4-Dichlorobenzene-d4	403000							

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