

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP14-112025
Lab Sample ID: Q3741-03
Analytical Method: 8260D
Sample Wt/Vol: 4.69 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 87.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.40	U	1	1.40	6.10	ug/Kg	12/01/25 13:12	VY120125
74-87-3	Chloromethane	1.40	U	1	1.40	6.10	ug/Kg	12/01/25 13:12	VY120125
75-01-4	Vinyl Chloride	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
74-83-9	Bromomethane	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
75-00-3	Chloroethane	1.50	U	1	1.50	6.10	ug/Kg	12/01/25 13:12	VY120125
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.10	ug/Kg	12/01/25 13:12	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.10	ug/Kg	12/01/25 13:12	VY120125
67-64-1	Acetone	18.3	J	1	5.80	30.5	ug/Kg	12/01/25 13:12	VY120125
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
1634-04-4	Methyl tert-butyl Ether	0.89	U	1	0.89	6.10	ug/Kg	12/01/25 13:12	VY120125
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.10	ug/Kg	12/01/25 13:12	VY120125
75-09-2	Methylene Chloride	4.30	U	1	4.30	12.2	ug/Kg	12/01/25 13:12	VY120125
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
75-34-3	1,1-Dichloroethane	0.98	U	1	0.98	6.10	ug/Kg	12/01/25 13:12	VY120125
110-82-7	Cyclohexane	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
78-93-3	2-Butanone	8.00	U	1	8.00	30.5	ug/Kg	12/01/25 13:12	VY120125
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.10	ug/Kg	12/01/25 13:12	VY120125
156-59-2	cis-1,2-Dichloroethene	0.92	U	1	0.92	6.10	ug/Kg	12/01/25 13:12	VY120125
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.10	ug/Kg	12/01/25 13:12	VY120125
67-66-3	Chloroform	1.00	U	1	1.00	6.10	ug/Kg	12/01/25 13:12	VY120125
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
108-87-2	Methylcyclohexane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
71-43-2	Benzene	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
107-06-2	1,2-Dichloroethane	0.96	U	1	0.96	6.10	ug/Kg	12/01/25 13:12	VY120125
79-01-6	Trichloroethene	0.99	U	1	0.99	6.10	ug/Kg	12/01/25 13:12	VY120125
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
75-27-4	Bromodichloromethane	0.95	U	1	0.95	6.10	ug/Kg	12/01/25 13:12	VY120125
108-10-1	4-Methyl-2-Pentanone	4.40	U	1	4.40	30.5	ug/Kg	12/01/25 13:12	VY120125
108-88-3	Toluene	0.95	U	1	0.95	6.10	ug/Kg	12/01/25 13:12	VY120125
10061-02-6	t-1,3-Dichloropropene	0.79	U	1	0.79	6.10	ug/Kg	12/01/25 13:12	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.76	U	1	0.76	6.10	ug/Kg	12/01/25 13:12	VY120125
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
591-78-6	2-Hexanone	4.50	U	1	4.50	30.5	ug/Kg	12/01/25 13:12	VY120125
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.10	ug/Kg	12/01/25 13:12	VY120125
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125
100-41-4	Ethyl Benzene	0.82	U	1	0.82	6.10	ug/Kg	12/01/25 13:12	VY120125
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	12.2	ug/Kg	12/01/25 13:12	VY120125
95-47-6	o-Xylene	1.00	U	1	1.00	6.10	ug/Kg	12/01/25 13:12	VY120125
100-42-5	Styrene	0.87	U	1	0.87	6.10	ug/Kg	12/01/25 13:12	VY120125
75-25-2	Bromoform	1.10	U	1	1.10	6.10	ug/Kg	12/01/25 13:12	VY120125

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.95	U	1	0.95	6.10	ug/Kg	12/01/25 13:12	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.10	ug/Kg	12/01/25 13:12	VY120125
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.10	ug/Kg	12/01/25 13:12	VY120125
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.10	ug/Kg	12/01/25 13:12	VY120125
95-50-1	1,2-Dichlorobenzene	1.80	U	1	1.80	6.10	ug/Kg	12/01/25 13:12	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	6.10	ug/Kg	12/01/25 13:12	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.60	U	1	3.60	6.10	ug/Kg	12/01/25 13:12	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.90	U	1	3.90	6.10	ug/Kg	12/01/25 13:12	VY120125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	64.0			63 - 155	128%	SPK: 50		
1868-53-7	Dibromofluoromethane	39.4			70 - 134	79%	SPK: 50		
2037-26-5	Toluene-d8	50.9			74 - 123	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	39.1			52 - 138	78%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	548000							
540-36-3	1,4-Difluorobenzene	1010000							
3114-55-4	Chlorobenzene-d5	813000							
3855-82-1	1,4-Dichlorobenzene-d4	286000							

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