

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: 8260D
Sample Wt/Vol: 6.04 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	4.80	ug/Kg	12/01/25 14:46	VY120125
74-87-3	Chloromethane	1.10	U	1	1.10	4.80	ug/Kg	12/01/25 14:46	VY120125
75-01-4	Vinyl Chloride	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
74-83-9	Bromomethane	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
75-00-3	Chloroethane	1.20	U	1	1.20	4.80	ug/Kg	12/01/25 14:46	VY120125
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	4.80	ug/Kg	12/01/25 14:46	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
75-35-4	1,1-Dichloroethene	0.96	U	1	0.96	4.80	ug/Kg	12/01/25 14:46	VY120125
67-64-1	Acetone	4.60	U	1	4.60	24.1	ug/Kg	12/01/25 14:46	VY120125
75-15-0	Carbon Disulfide	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
1634-04-4	Methyl tert-butyl Ether	0.70	U	1	0.70	4.80	ug/Kg	12/01/25 14:46	VY120125
79-20-9	Methyl Acetate	1.50	U	1	1.50	4.80	ug/Kg	12/01/25 14:46	VY120125
75-09-2	Methylene Chloride	3.40	U	1	3.40	9.60	ug/Kg	12/01/25 14:46	VY120125
156-60-5	trans-1,2-Dichloroethene	0.83	U	1	0.83	4.80	ug/Kg	12/01/25 14:46	VY120125
75-34-3	1,1-Dichloroethane	0.77	U	1	0.77	4.80	ug/Kg	12/01/25 14:46	VY120125
110-82-7	Cyclohexane	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
78-93-3	2-Butanone	6.30	U	1	6.30	24.1	ug/Kg	12/01/25 14:46	VY120125
56-23-5	Carbon Tetrachloride	0.93	U	1	0.93	4.80	ug/Kg	12/01/25 14:46	VY120125
156-59-2	cis-1,2-Dichloroethene	0.72	U	1	0.72	4.80	ug/Kg	12/01/25 14:46	VY120125
74-97-5	Bromochloromethane	1.10	U	1	1.10	4.80	ug/Kg	12/01/25 14:46	VY120125
67-66-3	Chloroform	0.81	U	1	0.81	4.80	ug/Kg	12/01/25 14:46	VY120125
71-55-6	1,1,1-Trichloroethane	0.90	U	1	0.90	4.80	ug/Kg	12/01/25 14:46	VY120125
108-87-2	Methylcyclohexane	0.88	U	1	0.88	4.80	ug/Kg	12/01/25 14:46	VY120125
71-43-2	Benzene	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
107-06-2	1,2-Dichloroethane	0.76	U	1	0.76	4.80	ug/Kg	12/01/25 14:46	VY120125
79-01-6	Trichloroethene	0.78	U	1	0.78	4.80	ug/Kg	12/01/25 14:46	VY120125
78-87-5	1,2-Dichloropropane	0.88	U	1	0.88	4.80	ug/Kg	12/01/25 14:46	VY120125
75-27-4	Bromodichloromethane	0.75	U	1	0.75	4.80	ug/Kg	12/01/25 14:46	VY120125
108-10-1	4-Methyl-2-Pentanone	3.50	U	1	3.50	24.1	ug/Kg	12/01/25 14:46	VY120125
108-88-3	Toluene	0.75	U	1	0.75	4.80	ug/Kg	12/01/25 14:46	VY120125
10061-02-6	t-1,3-Dichloropropene	0.63	U	1	0.63	4.80	ug/Kg	12/01/25 14:46	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.60	U	1	0.60	4.80	ug/Kg	12/01/25 14:46	VY120125
79-00-5	1,1,2-Trichloroethane	0.89	U	1	0.89	4.80	ug/Kg	12/01/25 14:46	VY120125
591-78-6	2-Hexanone	3.60	U	1	3.60	24.1	ug/Kg	12/01/25 14:46	VY120125
124-48-1	Dibromochloromethane	0.84	U	1	0.84	4.80	ug/Kg	12/01/25 14:46	VY120125
106-93-4	1,2-Dibromoethane	0.85	U	1	0.85	4.80	ug/Kg	12/01/25 14:46	VY120125
127-18-4	Tetrachloroethene	1.00	U	1	1.00	4.80	ug/Kg	12/01/25 14:46	VY120125
108-90-7	Chlorobenzene	0.88	U	1	0.88	4.80	ug/Kg	12/01/25 14:46	VY120125
100-41-4	Ethyl Benzene	0.65	U	1	0.65	4.80	ug/Kg	12/01/25 14:46	VY120125
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	9.60	ug/Kg	12/01/25 14:46	VY120125
95-47-6	o-Xylene	0.79	U	1	0.79	4.80	ug/Kg	12/01/25 14:46	VY120125
100-42-5	Styrene	0.68	U	1	0.68	4.80	ug/Kg	12/01/25 14:46	VY120125
75-25-2	Bromoform	0.83	U	1	0.83	4.80	ug/Kg	12/01/25 14:46	VY120125

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.75	U	1	0.75	4.80	ug/Kg	12/01/25 14:46	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	4.80	ug/Kg	12/01/25 14:46	VY120125
541-73-1	1,3-Dichlorobenzene	1.60	U	1	1.60	4.80	ug/Kg	12/01/25 14:46	VY120125
106-46-7	1,4-Dichlorobenzene	1.50	U	1	1.50	4.80	ug/Kg	12/01/25 14:46	VY120125
95-50-1	1,2-Dichlorobenzene	1.40	U	1	1.40	4.80	ug/Kg	12/01/25 14:46	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	4.80	ug/Kg	12/01/25 14:46	VY120125
120-82-1	1,2,4-Trichlorobenzene	2.90	U	1	2.90	4.80	ug/Kg	12/01/25 14:46	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.10	U	1	3.10	4.80	ug/Kg	12/01/25 14:46	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	39.7			63 - 155	79%	SPK: 50
1868-53-7	Dibromofluoromethane	16.1	*		70 - 134	32%	SPK: 50
2037-26-5	Toluene-d8	46.9			74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	34.1			52 - 138	68%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	27800
540-36-3	1,4-Difluorobenzene	36500
3114-55-4	Chlorobenzene-d5	25300
3855-82-1	1,4-Dichlorobenzene-d4	6300

TENTATIVE IDENTIFIED COMPOUNDS

000508-32-7	Tricyclo[2.2.1.0(2,6)]heptane, 1,7	21.0	J		12.2	ug/Kg
000080-56-8	.alpha.-Pinene	1000	J		12.3	ug/Kg
056816-08-1	Cyclohexene, 5-methyl-3-(1-methyl-4-oxo-2-prop-1-en-1-yl)-	40.6	J		12.5	ug/Kg
000079-92-5	Camphene	380	J		12.5	ug/Kg
000127-91-3	.beta.-Pinene	220	J		12.8	ug/Kg
000099-86-5	1,3-Cyclohexadiene, 1-methyl-4-(1-methyl-2-prop-1-en-1-yl)-	110	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	64.7	J		13.3	ug/Kg
000099-85-4	.gamma.-Terpinene	59.2	J		13.5	ug/Kg
000586-62-9	Cyclohexene, 1-methyl-4-(1-methyl-2-prop-1-en-1-yl)-	82.9	J		13.8	ug/Kg

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