

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525RE
Lab Sample ID: Q3741-05RE
Analytical Method: 8260D
Sample Wt/Vol: 5.85 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
74-87-3	Chloromethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
75-01-4	Vinyl Chloride	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
74-83-9	Bromomethane	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
75-00-3	Chloroethane	1.30	U	1	1.30	5.10	ug/Kg	12/02/25 13:18	VY120225
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.10	ug/Kg	12/02/25 13:18	VY120225
67-64-1	Acetone	18.8	J	1	4.80	25.3	ug/Kg	12/02/25 13:18	VY120225
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
1634-04-4	Methyl tert-butyl Ether	0.74	U	1	0.74	5.10	ug/Kg	12/02/25 13:18	VY120225
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.10	ug/Kg	12/02/25 13:18	VY120225
75-09-2	Methylene Chloride	3.60	U	1	3.60	10.1	ug/Kg	12/02/25 13:18	VY120225
156-60-5	trans-1,2-Dichloroethene	0.87	U	1	0.87	5.10	ug/Kg	12/02/25 13:18	VY120225
75-34-3	1,1-Dichloroethane	0.81	U	1	0.81	5.10	ug/Kg	12/02/25 13:18	VY120225
110-82-7	Cyclohexane	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
78-93-3	2-Butanone	6.60	U	1	6.60	25.3	ug/Kg	12/02/25 13:18	VY120225
56-23-5	Carbon Tetrachloride	0.98	U	1	0.98	5.10	ug/Kg	12/02/25 13:18	VY120225
156-59-2	cis-1,2-Dichloroethene	0.76	U	1	0.76	5.10	ug/Kg	12/02/25 13:18	VY120225
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
67-66-3	Chloroform	0.85	U	1	0.85	5.10	ug/Kg	12/02/25 13:18	VY120225
71-55-6	1,1,1-Trichloroethane	0.94	U	1	0.94	5.10	ug/Kg	12/02/25 13:18	VY120225
108-87-2	Methylcyclohexane	1.90	J	1	0.92	5.10	ug/Kg	12/02/25 13:18	VY120225
71-43-2	Benzene	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
107-06-2	1,2-Dichloroethane	0.80	U	1	0.80	5.10	ug/Kg	12/02/25 13:18	VY120225
79-01-6	Trichloroethene	0.82	U	1	0.82	5.10	ug/Kg	12/02/25 13:18	VY120225
78-87-5	1,2-Dichloropropane	0.92	U	1	0.92	5.10	ug/Kg	12/02/25 13:18	VY120225
75-27-4	Bromodichloromethane	0.79	U	1	0.79	5.10	ug/Kg	12/02/25 13:18	VY120225
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.3	ug/Kg	12/02/25 13:18	VY120225
108-88-3	Toluene	2.10	J	1	0.79	5.10	ug/Kg	12/02/25 13:18	VY120225
10061-02-6	t-1,3-Dichloropropene	0.66	U	1	0.66	5.10	ug/Kg	12/02/25 13:18	VY120225
10061-01-5	cis-1,3-Dichloropropene	0.63	U	1	0.63	5.10	ug/Kg	12/02/25 13:18	VY120225
79-00-5	1,1,2-Trichloroethane	0.93	U	1	0.93	5.10	ug/Kg	12/02/25 13:18	VY120225
591-78-6	2-Hexanone	3.70	U	1	3.70	25.3	ug/Kg	12/02/25 13:18	VY120225
124-48-1	Dibromochloromethane	0.88	U	1	0.88	5.10	ug/Kg	12/02/25 13:18	VY120225
106-93-4	1,2-Dibromoethane	0.89	U	1	0.89	5.10	ug/Kg	12/02/25 13:18	VY120225
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.10	ug/Kg	12/02/25 13:18	VY120225
108-90-7	Chlorobenzene	0.92	U	1	0.92	5.10	ug/Kg	12/02/25 13:18	VY120225
100-41-4	Ethyl Benzene	3.70	J	1	0.68	5.10	ug/Kg	12/02/25 13:18	VY120225
179601-23-1	m/p-Xylenes	18.6		1	1.30	10.1	ug/Kg	12/02/25 13:18	VY120225
95-47-6	o-Xylene	11.6		1	0.83	5.10	ug/Kg	12/02/25 13:18	VY120225
100-42-5	Styrene	0.72	U	1	0.72	5.10	ug/Kg	12/02/25 13:18	VY120225
75-25-2	Bromoform	0.87	U	1	0.87	5.10	ug/Kg	12/02/25 13:18	VY120225

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Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525RE	SDG No.:	Q3741
Lab Sample ID:	Q3741-05RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.6
Sample Wt/Vol:	5.85 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	1.70	J	1	0.79	5.10	ug/Kg	12/02/25 13:18	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.10	ug/Kg	12/02/25 13:18	VY120225
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.10	ug/Kg	12/02/25 13:18	VY120225
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.10	ug/Kg	12/02/25 13:18	VY120225
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.10	ug/Kg	12/02/25 13:18	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1	1.90	5.10	ug/Kg	12/02/25 13:18	VY120225
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.10	ug/Kg	12/02/25 13:18	VY120225
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.10	ug/Kg	12/02/25 13:18	VY120225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.1			63 - 155	120%	SPK: 50
1868-53-7	Dibromofluoromethane	29.5	*		70 - 134	59%	SPK: 50
2037-26-5	Toluene-d8	51.4			74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2			52 - 138	84%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	438000
540-36-3	1,4-Difluorobenzene	779000
3114-55-4	Chlorobenzene-d5	644000
3855-82-1	1,4-Dichlorobenzene-d4	232000

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