

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: 8260D
Sample Wt/Vol: 5.64 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
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	5.20	ug/Kg	12/01/25 13:36	VY120125
74-87-3	Chloromethane	1.20	U	1	1.20	5.20	ug/Kg	12/01/25 13:36	VY120125
75-01-4	Vinyl Chloride	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
74-83-9	Bromomethane	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
75-00-3	Chloroethane	1.30	U	1	1.30	5.20	ug/Kg	12/01/25 13:36	VY120125
75-69-4	Trichlorofluoromethane	1.30	U	1	1.30	5.20	ug/Kg	12/01/25 13:36	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.20	ug/Kg	12/01/25 13:36	VY120125
67-64-1	Acetone	13.2	J	1	4.90	26.0	ug/Kg	12/01/25 13:36	VY120125
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
1634-04-4	Methyl tert-butyl Ether	0.76	U	1	0.76	5.20	ug/Kg	12/01/25 13:36	VY120125
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.20	ug/Kg	12/01/25 13:36	VY120125
75-09-2	Methylene Chloride	3.70	U	1	3.70	10.4	ug/Kg	12/01/25 13:36	VY120125
156-60-5	trans-1,2-Dichloroethene	0.89	U	1	0.89	5.20	ug/Kg	12/01/25 13:36	VY120125
75-34-3	1,1-Dichloroethane	0.83	U	1	0.83	5.20	ug/Kg	12/01/25 13:36	VY120125
110-82-7	Cyclohexane	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
78-93-3	2-Butanone	6.80	U	1	6.80	26.0	ug/Kg	12/01/25 13:36	VY120125
56-23-5	Carbon Tetrachloride	1.00	U	1	1.00	5.20	ug/Kg	12/01/25 13:36	VY120125
156-59-2	cis-1,2-Dichloroethene	0.78	U	1	0.78	5.20	ug/Kg	12/01/25 13:36	VY120125
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.20	ug/Kg	12/01/25 13:36	VY120125
67-66-3	Chloroform	0.87	U	1	0.87	5.20	ug/Kg	12/01/25 13:36	VY120125
71-55-6	1,1,1-Trichloroethane	0.97	U	1	0.97	5.20	ug/Kg	12/01/25 13:36	VY120125
108-87-2	Methylcyclohexane	0.95	U	1	0.95	5.20	ug/Kg	12/01/25 13:36	VY120125
71-43-2	Benzene	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
107-06-2	1,2-Dichloroethane	0.82	U	1	0.82	5.20	ug/Kg	12/01/25 13:36	VY120125
79-01-6	Trichloroethene	0.84	U	1	0.84	5.20	ug/Kg	12/01/25 13:36	VY120125
78-87-5	1,2-Dichloropropane	0.95	U	1	0.95	5.20	ug/Kg	12/01/25 13:36	VY120125
75-27-4	Bromodichloromethane	0.81	U	1	0.81	5.20	ug/Kg	12/01/25 13:36	VY120125
108-10-1	4-Methyl-2-Pentanone	3.70	U	1	3.70	26.0	ug/Kg	12/01/25 13:36	VY120125
108-88-3	Toluene	0.81	U	1	0.81	5.20	ug/Kg	12/01/25 13:36	VY120125
10061-02-6	t-1,3-Dichloropropene	0.68	U	1	0.68	5.20	ug/Kg	12/01/25 13:36	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.65	U	1	0.65	5.20	ug/Kg	12/01/25 13:36	VY120125
79-00-5	1,1,2-Trichloroethane	0.96	U	1	0.96	5.20	ug/Kg	12/01/25 13:36	VY120125
591-78-6	2-Hexanone	3.80	U	1	3.80	26.0	ug/Kg	12/01/25 13:36	VY120125
124-48-1	Dibromochloromethane	0.91	U	1	0.91	5.20	ug/Kg	12/01/25 13:36	VY120125
106-93-4	1,2-Dibromoethane	0.92	U	1	0.92	5.20	ug/Kg	12/01/25 13:36	VY120125
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.20	ug/Kg	12/01/25 13:36	VY120125
108-90-7	Chlorobenzene	0.95	U	1	0.95	5.20	ug/Kg	12/01/25 13:36	VY120125
100-41-4	Ethyl Benzene	0.70	U	1	0.70	5.20	ug/Kg	12/01/25 13:36	VY120125
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.4	ug/Kg	12/01/25 13:36	VY120125
95-47-6	o-Xylene	0.85	U	1	0.85	5.20	ug/Kg	12/01/25 13:36	VY120125
100-42-5	Styrene	0.74	U	1	0.74	5.20	ug/Kg	12/01/25 13:36	VY120125
75-25-2	Bromoform	0.89	U	1	0.89	5.20	ug/Kg	12/01/25 13:36	VY120125

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.81	U	1	0.81	5.20	ug/Kg	12/01/25 13:36	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1	1.30	5.20	ug/Kg	12/01/25 13:36	VY120125
541-73-1	1,3-Dichlorobenzene	1.80	U	1	1.80	5.20	ug/Kg	12/01/25 13:36	VY120125
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.20	ug/Kg	12/01/25 13:36	VY120125
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.20	ug/Kg	12/01/25 13:36	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1	1.90	5.20	ug/Kg	12/01/25 13:36	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.10	U	1	3.10	5.20	ug/Kg	12/01/25 13:36	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.30	U	1	3.30	5.20	ug/Kg	12/01/25 13:36	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	68.2			63 - 155	136%	SPK: 50
1868-53-7	Dibromofluoromethane	24.6	*		70 - 134	49%	SPK: 50
2037-26-5	Toluene-d8	50.8			74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.5			52 - 138	81%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	491000
540-36-3	1,4-Difluorobenzene	930000
3114-55-4	Chlorobenzene-d5	778000
3855-82-1	1,4-Dichlorobenzene-d4	274000

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