

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Analytical Method: 8260D
Sample Wt/Vol: 4.78 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	1.40	U	1	1.40	6.20	ug/Kg	12/01/25 13:59	VY120125
74-87-3	Chloromethane	1.40	U	1	1.40	6.20	ug/Kg	12/01/25 13:59	VY120125
75-01-4	Vinyl Chloride	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
74-83-9	Bromomethane	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
75-00-3	Chloroethane	1.60	U	1	1.60	6.20	ug/Kg	12/01/25 13:59	VY120125
75-69-4	Trichlorofluoromethane	1.50	U	1	1.50	6.20	ug/Kg	12/01/25 13:59	VY120125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	6.20	ug/Kg	12/01/25 13:59	VY120125
67-64-1	Acetone	24.7	J	1	5.90	30.9	ug/Kg	12/01/25 13:59	VY120125
75-15-0	Carbon Disulfide	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
1634-04-4	Methyl tert-butyl Ether	0.90	U	1	0.90	6.20	ug/Kg	12/01/25 13:59	VY120125
79-20-9	Methyl Acetate	1.90	U	1	1.90	6.20	ug/Kg	12/01/25 13:59	VY120125
75-09-2	Methylene Chloride	4.40	U	1	4.40	12.4	ug/Kg	12/01/25 13:59	VY120125
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
75-34-3	1,1-Dichloroethane	0.99	U	1	0.99	6.20	ug/Kg	12/01/25 13:59	VY120125
110-82-7	Cyclohexane	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
78-93-3	2-Butanone	8.10	U	1	8.10	30.9	ug/Kg	12/01/25 13:59	VY120125
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.20	ug/Kg	12/01/25 13:59	VY120125
156-59-2	cis-1,2-Dichloroethene	0.93	U	1	0.93	6.20	ug/Kg	12/01/25 13:59	VY120125
74-97-5	Bromochloromethane	1.40	U	1	1.40	6.20	ug/Kg	12/01/25 13:59	VY120125
67-66-3	Chloroform	1.00	U	1	1.00	6.20	ug/Kg	12/01/25 13:59	VY120125
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
108-87-2	Methylcyclohexane	2.70	J	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
71-43-2	Benzene	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
107-06-2	1,2-Dichloroethane	0.98	U	1	0.98	6.20	ug/Kg	12/01/25 13:59	VY120125
79-01-6	Trichloroethene	1.00	U	1	1.00	6.20	ug/Kg	12/01/25 13:59	VY120125
78-87-5	1,2-Dichloropropane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
75-27-4	Bromodichloromethane	0.96	U	1	0.96	6.20	ug/Kg	12/01/25 13:59	VY120125
108-10-1	4-Methyl-2-Pentanone	4.40	U	1	4.40	30.9	ug/Kg	12/01/25 13:59	VY120125
108-88-3	Toluene	2.10	J	1	0.96	6.20	ug/Kg	12/01/25 13:59	VY120125
10061-02-6	t-1,3-Dichloropropene	0.80	U	1	0.80	6.20	ug/Kg	12/01/25 13:59	VY120125
10061-01-5	cis-1,3-Dichloropropene	0.77	U	1	0.77	6.20	ug/Kg	12/01/25 13:59	VY120125
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
591-78-6	2-Hexanone	4.60	U	1	4.60	30.9	ug/Kg	12/01/25 13:59	VY120125
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.20	ug/Kg	12/01/25 13:59	VY120125
108-90-7	Chlorobenzene	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125
100-41-4	Ethyl Benzene	2.50	J	1	0.83	6.20	ug/Kg	12/01/25 13:59	VY120125
179601-23-1	m/p-Xylenes	11.4	J	1	1.50	12.4	ug/Kg	12/01/25 13:59	VY120125
95-47-6	o-Xylene	7.40		1	1.00	6.20	ug/Kg	12/01/25 13:59	VY120125
100-42-5	Styrene	0.88	U	1	0.88	6.20	ug/Kg	12/01/25 13:59	VY120125
75-25-2	Bromoform	1.10	U	1	1.10	6.20	ug/Kg	12/01/25 13:59	VY120125

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.30	J	1	0.96	6.20	ug/Kg	12/01/25 13:59	VY120125
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1	1.50	6.20	ug/Kg	12/01/25 13:59	VY120125
541-73-1	1,3-Dichlorobenzene	2.10	U	1	2.10	6.20	ug/Kg	12/01/25 13:59	VY120125
106-46-7	1,4-Dichlorobenzene	1.90	U	1	1.90	6.20	ug/Kg	12/01/25 13:59	VY120125
95-50-1	1,2-Dichlorobenzene	1.80	U	1	1.80	6.20	ug/Kg	12/01/25 13:59	VY120125
96-12-8	1,2-Dibromo-3-Chloropropane	2.30	U	1	2.30	6.20	ug/Kg	12/01/25 13:59	VY120125
120-82-1	1,2,4-Trichlorobenzene	3.70	U	1	3.70	6.20	ug/Kg	12/01/25 13:59	VY120125
87-61-6	1,2,3-Trichlorobenzene	3.90	U	1	3.90	6.20	ug/Kg	12/01/25 13:59	VY120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	52.9			63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	31.3	*		70 - 134	63%	SPK: 50
2037-26-5	Toluene-d8	50.2			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.5			52 - 138	71%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	153000
540-36-3	1,4-Difluorobenzene	238000
3114-55-4	Chlorobenzene-d5	180000
3855-82-1	1,4-Dichlorobenzene-d4	60500

TENTATIVE IDENTIFIED COMPOUNDS

103-65-1	n-propylbenzene	4.30	J		12.6	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	30.8	J		12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	27.4	J		12.7	ug/Kg
000526-73-8	Benzene, 1,2,3-trimethyl-	20.8	J		12.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	58.5	J		13.0	ug/Kg
135-98-8	sec-Butylbenzene	1.70	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	1.30	J		13.3	ug/Kg
104-51-8	n-Butylbenzene	2.50	J		13.6	ug/Kg
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	20.2	J		13.8	ug/Kg
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	28.4	J		13.9	ug/Kg
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	20.9	J		14.2	ug/Kg
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	31.8	J		14.3	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