

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: VY1202SBS01
Lab Sample ID: VY1202SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.7		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
74-87-3	Chloromethane	18.4		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-01-4	Vinyl Chloride	19.2		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
74-83-9	Bromomethane	20.3		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-00-3	Chloroethane	20.1		1	1.30	5.00	ug/Kg	12/02/25 10:53	VY120225
75-69-4	Trichlorofluoromethane	21.3		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
76-13-1	1,1,2-Trichlorotrifluoroethane	22.8		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
75-35-4	1,1-Dichloroethene	20.5		1	1.00	5.00	ug/Kg	12/02/25 10:53	VY120225
67-64-1	Acetone	130		1	4.70	25.0	ug/Kg	12/02/25 10:53	VY120225
75-15-0	Carbon Disulfide	17.4		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
1634-04-4	Methyl tert-butyl Ether	20.8		1	0.73	5.00	ug/Kg	12/02/25 10:53	VY120225
79-20-9	Methyl Acetate	19.4		1	1.50	5.00	ug/Kg	12/02/25 10:53	VY120225
75-09-2	Methylene Chloride	19.4		1	3.50	10.0	ug/Kg	12/02/25 10:53	VY120225
156-60-5	trans-1,2-Dichloroethene	19.9		1	0.86	5.00	ug/Kg	12/02/25 10:53	VY120225
75-34-3	1,1-Dichloroethane	21.2		1	0.80	5.00	ug/Kg	12/02/25 10:53	VY120225
110-82-7	Cyclohexane	20.3		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	12/02/25 10:53	VY120225
56-23-5	Carbon Tetrachloride	21.8		1	0.97	5.00	ug/Kg	12/02/25 10:53	VY120225
156-59-2	cis-1,2-Dichloroethene	20.8		1	0.75	5.00	ug/Kg	12/02/25 10:53	VY120225
74-97-5	Bromochloromethane	18.9		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
67-66-3	Chloroform	21.5		1	0.84	5.00	ug/Kg	12/02/25 10:53	VY120225
71-55-6	1,1,1-Trichloroethane	21.5		1	0.93	5.00	ug/Kg	12/02/25 10:53	VY120225
108-87-2	Methylcyclohexane	20.5		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
71-43-2	Benzene	21.6		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
107-06-2	1,2-Dichloroethane	21.8		1	0.79	5.00	ug/Kg	12/02/25 10:53	VY120225
79-01-6	Trichloroethene	21.6		1	0.81	5.00	ug/Kg	12/02/25 10:53	VY120225
78-87-5	1,2-Dichloropropane	21.9		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
75-27-4	Bromodichloromethane	21.9		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/02/25 10:53	VY120225
108-88-3	Toluene	21.6		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
10061-02-6	t-1,3-Dichloropropene	20.9		1	0.65	5.00	ug/Kg	12/02/25 10:53	VY120225
10061-01-5	cis-1,3-Dichloropropene	21.4		1	0.62	5.00	ug/Kg	12/02/25 10:53	VY120225
79-00-5	1,1,2-Trichloroethane	22.1		1	0.92	5.00	ug/Kg	12/02/25 10:53	VY120225
591-78-6	2-Hexanone	120		1	3.70	25.0	ug/Kg	12/02/25 10:53	VY120225
124-48-1	Dibromochloromethane	21.8		1	0.87	5.00	ug/Kg	12/02/25 10:53	VY120225
106-93-4	1,2-Dibromoethane	21.3		1	0.88	5.00	ug/Kg	12/02/25 10:53	VY120225
127-18-4	Tetrachloroethene	22.1		1	1.10	5.00	ug/Kg	12/02/25 10:53	VY120225
108-90-7	Chlorobenzene	21.3		1	0.91	5.00	ug/Kg	12/02/25 10:53	VY120225
100-41-4	Ethyl Benzene	21.4		1	0.67	5.00	ug/Kg	12/02/25 10:53	VY120225
179601-23-1	m/p-Xylenes	43.4		1	1.20	10.0	ug/Kg	12/02/25 10:53	VY120225
95-47-6	o-Xylene	21.2		1	0.82	5.00	ug/Kg	12/02/25 10:53	VY120225
100-42-5	Styrene	21.4		1	0.71	5.00	ug/Kg	12/02/25 10:53	VY120225
75-25-2	Bromoform	21.6		1	0.86	5.00	ug/Kg	12/02/25 10:53	VY120225

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Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	21.4		1	0.78	5.00	ug/Kg	12/02/25 10:53	VY120225
79-34-5	1,1,2,2-Tetrachloroethane	21.5		1	1.20	5.00	ug/Kg	12/02/25 10:53	VY120225
541-73-1	1,3-Dichlorobenzene	21.0		1	1.70	5.00	ug/Kg	12/02/25 10:53	VY120225
106-46-7	1,4-Dichlorobenzene	21.1		1	1.60	5.00	ug/Kg	12/02/25 10:53	VY120225
95-50-1	1,2-Dichlorobenzene	21.5		1	1.50	5.00	ug/Kg	12/02/25 10:53	VY120225
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1	1.80	5.00	ug/Kg	12/02/25 10:53	VY120225
120-82-1	1,2,4-Trichlorobenzene	19.9		1	3.00	5.00	ug/Kg	12/02/25 10:53	VY120225
87-61-6	1,2,3-Trichlorobenzene	20.1		1	3.20	5.00	ug/Kg	12/02/25 10:53	VY120225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.9			63 - 155	96%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.6			70 - 134	97%	SPK: 50		
2037-26-5	Toluene-d8	47.9			74 - 123	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.1			52 - 138	94%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	491000							
540-36-3	1,4-Difluorobenzene	764000							
3114-55-4	Chlorobenzene-d5	662000							
3855-82-1	1,4-Dichlorobenzene-d4	340000							

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