

Report of Analysis

Client: Sciacca General Contractors, LLC
Project: 7 Rynda Road, Maplewood
Client Sample ID: VOC
Lab Sample ID: Q3474-02
Analytical Method: 8260D
Sample Wt/Vol: 5.1 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/27/25
Date Received: 10/27/25
SDG No.: Q3474
Matrix: SOIL
% Solid: 86.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.70	ug/Kg	10/28/25 11:26	VY102825
74-87-3	Chloromethane	1.30	U	1	1.30	5.70	ug/Kg	10/28/25 11:26	VY102825
75-01-4	Vinyl Chloride	0.89	U	1	0.89	5.70	ug/Kg	10/28/25 11:26	VY102825
74-83-9	Bromomethane	1.20	U	1	1.20	5.70	ug/Kg	10/28/25 11:26	VY102825
75-00-3	Chloroethane	1.40	U	1	1.40	5.70	ug/Kg	10/28/25 11:26	VY102825
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.70	ug/Kg	10/28/25 11:26	VY102825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.70	ug/Kg	10/28/25 11:26	VY102825
75-35-4	1,1-Dichloroethene	1.10	U	1	1.10	5.70	ug/Kg	10/28/25 11:26	VY102825
67-64-1	Acetone	5.40	U	1	5.40	28.3	ug/Kg	10/28/25 11:26	VY102825
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.70	ug/Kg	10/28/25 11:26	VY102825
1634-04-4	Methyl tert-butyl Ether	0.83	U	1	0.83	5.70	ug/Kg	10/28/25 11:26	VY102825
79-20-9	Methyl Acetate	1.70	U	1	1.70	5.70	ug/Kg	10/28/25 11:26	VY102825
75-09-2	Methylene Chloride	4.00	U	1	4.00	11.3	ug/Kg	10/28/25 11:26	VY102825
156-60-5	trans-1,2-Dichloroethene	0.97	U	1	0.97	5.70	ug/Kg	10/28/25 11:26	VY102825
75-34-3	1,1-Dichloroethane	0.91	U	1	0.91	5.70	ug/Kg	10/28/25 11:26	VY102825
110-82-7	Cyclohexane	0.89	U	1	0.89	5.70	ug/Kg	10/28/25 11:26	VY102825
78-93-3	2-Butanone	7.40	U	1	7.40	28.3	ug/Kg	10/28/25 11:26	VY102825
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.70	ug/Kg	10/28/25 11:26	VY102825
156-59-2	cis-1,2-Dichloroethene	0.85	U	1	0.85	5.70	ug/Kg	10/28/25 11:26	VY102825
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.70	ug/Kg	10/28/25 11:26	VY102825
67-66-3	Chloroform	0.95	U	1	0.95	5.70	ug/Kg	10/28/25 11:26	VY102825
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.70	ug/Kg	10/28/25 11:26	VY102825
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.70	ug/Kg	10/28/25 11:26	VY102825
71-43-2	Benzene	0.89	U	1	0.89	5.70	ug/Kg	10/28/25 11:26	VY102825
107-06-2	1,2-Dichloroethane	0.89	U	1	0.89	5.70	ug/Kg	10/28/25 11:26	VY102825
79-01-6	Trichloroethene	0.92	U	1	0.92	5.70	ug/Kg	10/28/25 11:26	VY102825
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.70	ug/Kg	10/28/25 11:26	VY102825
75-27-4	Bromodichloromethane	0.88	U	1	0.88	5.70	ug/Kg	10/28/25 11:26	VY102825
108-10-1	4-Methyl-2-Pentanone	4.10	U	1	4.10	28.3	ug/Kg	10/28/25 11:26	VY102825
108-88-3	Toluene	0.88	U	1	0.88	5.70	ug/Kg	10/28/25 11:26	VY102825
10061-02-6	t-1,3-Dichloropropene	0.74	U	1	0.74	5.70	ug/Kg	10/28/25 11:26	VY102825
10061-01-5	cis-1,3-Dichloropropene	0.70	U	1	0.70	5.70	ug/Kg	10/28/25 11:26	VY102825
79-00-5	1,1,2-Trichloroethane	1.00	U	1	1.00	5.70	ug/Kg	10/28/25 11:26	VY102825
591-78-6	2-Hexanone	4.20	U	1	4.20	28.3	ug/Kg	10/28/25 11:26	VY102825
124-48-1	Dibromochloromethane	0.98	U	1	0.98	5.70	ug/Kg	10/28/25 11:26	VY102825
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.70	ug/Kg	10/28/25 11:26	VY102825
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.70	ug/Kg	10/28/25 11:26	VY102825
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.70	ug/Kg	10/28/25 11:26	VY102825
100-41-4	Ethyl Benzene	0.76	U	1	0.76	5.70	ug/Kg	10/28/25 11:26	VY102825
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.3	ug/Kg	10/28/25 11:26	VY102825
95-47-6	o-Xylene	0.93	U	1	0.93	5.70	ug/Kg	10/28/25 11:26	VY102825
100-42-5	Styrene	0.80	U	1	0.80	5.70	ug/Kg	10/28/25 11:26	VY102825
75-25-2	Bromoform	0.97	U	1	0.97	5.70	ug/Kg	10/28/25 11:26	VY102825

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.88	U	1	0.88	5.70	ug/Kg	10/28/25 11:26	VY102825
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.70	ug/Kg	10/28/25 11:26	VY102825
541-73-1	1,3-Dichlorobenzene	1.90	U	1	1.90	5.70	ug/Kg	10/28/25 11:26	VY102825
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.70	ug/Kg	10/28/25 11:26	VY102825
95-50-1	1,2-Dichlorobenzene	1.60	U	1	1.60	5.70	ug/Kg	10/28/25 11:26	VY102825
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.70	ug/Kg	10/28/25 11:26	VY102825
120-82-1	1,2,4-Trichlorobenzene	3.40	U	1	3.40	5.70	ug/Kg	10/28/25 11:26	VY102825
87-61-6	1,2,3-Trichlorobenzene	3.60	U	1	3.60	5.70	ug/Kg	10/28/25 11:26	VY102825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.2			63 - 155	116%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.7			70 - 134	105%	SPK: 50		
2037-26-5	Toluene-d8	48.9			74 - 123	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	38.1			17 - 146	76%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	624000							
540-36-3	1,4-Difluorobenzene	1040000							
3114-55-4	Chlorobenzene-d5	846000							
3855-82-1	1,4-Dichlorobenzene-d4	305000							

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