

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/11/23
Project:	613 Pine Avenue	Date Received:	07/14/23
Client Sample ID:	DUP	SDG No.:	O3631
Lab Sample ID:	O3631-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.6
Sample Wt/Vol:	7.84 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY014683.D	1		07/17/23 19:28	VY071723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.70	U	1.20	3.70	ug/Kg
74-87-3	Chloromethane	0.76	J	0.67	3.70	ug/Kg
75-01-4	Vinyl Chloride	3.70	U	0.68	3.70	ug/Kg
74-83-9	Bromomethane	3.70	U	0.89	3.70	ug/Kg
75-00-3	Chloroethane	3.70	U	0.65	3.70	ug/Kg
75-69-4	Trichlorofluoromethane	3.70	U	0.78	3.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.70	U	0.53	3.70	ug/Kg
75-35-4	1,1-Dichloroethene	3.70	U	0.58	3.70	ug/Kg
67-64-1	Acetone	18.4	U	6.90	18.4	ug/Kg
75-15-0	Carbon Disulfide	3.70	U	1.60	3.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.70	U	0.48	3.70	ug/Kg
79-20-9	Methyl Acetate	3.70	U	1.20	3.70	ug/Kg
75-09-2	Methylene Chloride	7.40	U	4.50	7.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.70	U	0.54	3.70	ug/Kg
75-34-3	1,1-Dichloroethane	3.70	U	0.53	3.70	ug/Kg
110-82-7	Cyclohexane	3.70	U	0.52	3.70	ug/Kg
78-93-3	2-Butanone	18.4	U	5.40	18.4	ug/Kg
56-23-5	Carbon Tetrachloride	3.70	U	0.57	3.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.70	U	0.47	3.70	ug/Kg
74-97-5	Bromochloromethane	3.70	U	1.70	3.70	ug/Kg
67-66-3	Chloroform	3.70	U	0.97	3.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.70	U	0.56	3.70	ug/Kg
108-87-2	Methylcyclohexane	3.70	U	2.50	3.70	ug/Kg
71-43-2	Benzene	3.70	U	0.49	3.70	ug/Kg
107-06-2	1,2-Dichloroethane	3.70	U	0.53	3.70	ug/Kg
79-01-6	Trichloroethene	3.70	U	0.49	3.70	ug/Kg
78-87-5	1,2-Dichloropropane	3.70	U	0.43	3.70	ug/Kg
75-27-4	Bromodichloromethane	3.70	U	0.52	3.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	18.4	U	3.30	18.4	ug/Kg
108-88-3	Toluene	3.70	U	0.48	3.70	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	3.70	U	0.57	3.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	3.70	U	0.54	3.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	3.70	U	0.63	3.70	ug/Kg
591-78-6	2-Hexanone	18.4	U	3.90	18.4	ug/Kg
124-48-1	Dibromochloromethane	3.70	U	0.63	3.70	ug/Kg
106-93-4	1,2-Dibromoethane	3.70	U	0.58	3.70	ug/Kg
127-18-4	Tetrachloroethene	3.70	U	0.57	3.70	ug/Kg
108-90-7	Chlorobenzene	3.70	U	0.46	3.70	ug/Kg
100-41-4	Ethyl Benzene	3.70	U	0.49	3.70	ug/Kg
179601-23-1	m/p-Xylenes	7.40	U	1.00	7.40	ug/Kg
1330-20-7	Total Xylenes	11.1	U	1.57	11.1	ug/Kg
95-47-6	o-Xylene	3.70	U	0.57	3.70	ug/Kg
100-42-5	Styrene	3.70	U	0.51	3.70	ug/Kg
75-25-2	Bromoform	3.70	U	0.70	3.70	ug/Kg
98-82-8	Isopropylbenzene	3.70	U	0.52	3.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	3.70	U	0.79	3.70	ug/Kg
103-65-1	n-propylbenzene	3.70	U	0.52	3.70	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3.70	U	0.47	3.70	ug/Kg
98-06-6	tert-Butylbenzene	3.70	U	0.57	3.70	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.70	U	0.49	3.70	ug/Kg
135-98-8	sec-Butylbenzene	3.70	U	0.57	3.70	ug/Kg
99-87-6	p-Isopropyltoluene	3.70	U	0.54	3.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.70	U	0.50	3.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.70	U	0.44	3.70	ug/Kg
104-51-8	n-Butylbenzene	3.70	U	0.50	3.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.70	U	0.44	3.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.70	U	0.88	3.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.70	U	0.45	3.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.70	U	0.46	3.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.7		50 - 163	115%	SPK: 50

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1868-53-7	Dibromofluoromethane	50.8		54 - 147	102%	SPK: 50
2037-26-5	Toluene-d8	51.0		58 - 134	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2		30 - 143	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	209000	7.789			
540-36-3	1,4-Difluorobenzene	363000	8.691			
3114-55-4	Chlorobenzene-d5	346000	11.489			
3855-82-1	1,4-Dichlorobenzene-d4	168000	13.422			

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