

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-09-(2.0-4.0)	SDG No.:	O3645
Lab Sample ID:	O3645-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	79.4
Sample Wt/Vol:	4.29 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD076755.D	1		07/17/23 15:29	VD071723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	7.30	U	2.40	7.30	ug/Kg
74-87-3	Chloromethane	7.30	U	1.30	7.30	ug/Kg
75-01-4	Vinyl Chloride	7.30	U	1.40	7.30	ug/Kg
74-83-9	Bromomethane	7.30	U	1.80	7.30	ug/Kg
75-00-3	Chloroethane	7.30	U	1.30	7.30	ug/Kg
75-69-4	Trichlorofluoromethane	7.30	U	1.60	7.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	7.30	U	1.10	7.30	ug/Kg
75-35-4	1,1-Dichloroethene	7.30	U	1.20	7.30	ug/Kg
67-64-1	Acetone	36.7	U	13.8	36.7	ug/Kg
75-15-0	Carbon Disulfide	7.30	U	3.20	7.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	7.30	U	0.95	7.30	ug/Kg
79-20-9	Methyl Acetate	7.30	U	2.40	7.30	ug/Kg
75-09-2	Methylene Chloride	14.7	U	8.90	14.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	7.30	U	1.10	7.30	ug/Kg
75-34-3	1,1-Dichloroethane	7.30	U	1.10	7.30	ug/Kg
110-82-7	Cyclohexane	2.30	J	1.00	7.30	ug/Kg
78-93-3	2-Butanone	36.7	U	10.7	36.7	ug/Kg
56-23-5	Carbon Tetrachloride	7.30	U	1.10	7.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	7.30	U	0.94	7.30	ug/Kg
74-97-5	Bromochloromethane	7.30	U	3.50	7.30	ug/Kg
67-66-3	Chloroform	7.30	U	1.90	7.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	7.30	U	1.10	7.30	ug/Kg
108-87-2	Methylcyclohexane	7.30	U	4.90	7.30	ug/Kg
71-43-2	Benzene	7.30	U	0.97	7.30	ug/Kg
107-06-2	1,2-Dichloroethane	7.30	U	1.10	7.30	ug/Kg
79-01-6	Trichloroethene	7.30	U	0.97	7.30	ug/Kg
78-87-5	1,2-Dichloropropane	7.30	U	0.87	7.30	ug/Kg
75-27-4	Bromodichloromethane	7.30	U	1.00	7.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	36.7	U	6.60	36.7	ug/Kg
108-88-3	Toluene	7.30	U	0.95	7.30	ug/Kg
10061-02-6	t-1,3-Dichloropropene	7.30	U	1.10	7.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	7.30	U	1.10	7.30	ug/Kg

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79-00-5	1,1,2-Trichloroethane	7.30	U	1.30	7.30	ug/Kg
591-78-6	2-Hexanone	36.7	U	7.70	36.7	ug/Kg
124-48-1	Dibromochloromethane	7.30	U	1.20	7.30	ug/Kg
106-93-4	1,2-Dibromoethane	7.30	U	1.20	7.30	ug/Kg
127-18-4	Tetrachloroethene	7.30	U	1.10	7.30	ug/Kg
108-90-7	Chlorobenzene	7.30	U	0.92	7.30	ug/Kg
100-41-4	Ethyl Benzene	7.30	U	0.98	7.30	ug/Kg
1330-20-7	Total Xylenes	22.0	U	3.20	22.0	ug/Kg
179601-23-1	m/p-Xylenes	14.7	U	2.10	14.7	ug/Kg
95-47-6	o-Xylene	7.30	U	1.10	7.30	ug/Kg
100-42-5	Styrene	7.30	U	1.00	7.30	ug/Kg
75-25-2	Bromoform	7.30	U	1.40	7.30	ug/Kg
98-82-8	Isopropylbenzene	7.30	U	1.00	7.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	7.30	U	1.60	7.30	ug/Kg
103-65-1	n-propylbenzene	7.30	U	1.00	7.30	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	7.30	U	0.94	7.30	ug/Kg
98-06-6	tert-Butylbenzene	7.30	U	1.10	7.30	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	7.30	U	0.98	7.30	ug/Kg
135-98-8	sec-Butylbenzene	7.30	U	1.10	7.30	ug/Kg
99-87-6	p-Isopropyltoluene	7.30	U	1.10	7.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	7.30	U	1.00	7.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	7.30	U	0.88	7.30	ug/Kg
104-51-8	n-Butylbenzene	7.30	U	1.00	7.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	7.30	U	0.88	7.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	7.30	U	1.70	7.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	7.30	U	0.90	7.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	7.30	U	0.92	7.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	63.8		50 - 163	128%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		54 - 147	107%	SPK: 50
2037-26-5	Toluene-d8	55.4		58 - 134	111%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		30 - 143	102%	SPK: 50

INTERNAL STANDARDS

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363-72-4	Pentafluorobenzene	163000	7.875			
540-36-3	1,4-Difluorobenzene	370000	8.775			
3114-55-4	Chlorobenzene-d5	358000	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	153000	13.516			

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