

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-04-(1-5)	SDG No.:	O3645
Lab Sample ID:	O3645-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.3
Sample Wt/Vol:	6.74 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
VD076752.D	1		07/17/23 14:04	VD071723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	4.10	U	1.30	4.10	ug/Kg
74-87-3	Chloromethane	4.10	U	0.74	4.10	ug/Kg
75-01-4	Vinyl Chloride	4.10	U	0.76	4.10	ug/Kg
74-83-9	Bromomethane	4.10	U	0.98	4.10	ug/Kg
75-00-3	Chloroethane	4.10	U	0.72	4.10	ug/Kg
75-69-4	Trichlorofluoromethane	4.10	U	0.86	4.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.10	U	0.59	4.10	ug/Kg
75-35-4	1,1-Dichloroethene	4.10	U	0.64	4.10	ug/Kg
67-64-1	Acetone	20.3	U	7.60	20.3	ug/Kg
75-15-0	Carbon Disulfide	4.10	U	1.80	4.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.10	U	0.53	4.10	ug/Kg
79-20-9	Methyl Acetate	4.10	U	1.30	4.10	ug/Kg
75-09-2	Methylene Chloride	8.10	U	4.90	8.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.10	U	0.59	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	4.10	U	0.59	4.10	ug/Kg
110-82-7	Cyclohexane	1.80	J	0.57	4.10	ug/Kg
78-93-3	2-Butanone	20.3	U	5.90	20.3	ug/Kg
56-23-5	Carbon Tetrachloride	4.10	U	0.63	4.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.10	U	0.52	4.10	ug/Kg
74-97-5	Bromochloromethane	4.10	U	1.90	4.10	ug/Kg
67-66-3	Chloroform	4.10	U	1.10	4.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.10	U	0.62	4.10	ug/Kg
108-87-2	Methylcyclohexane	4.10	U	2.70	4.10	ug/Kg
71-43-2	Benzene	4.10	U	0.54	4.10	ug/Kg
107-06-2	1,2-Dichloroethane	4.10	U	0.59	4.10	ug/Kg
79-01-6	Trichloroethene	4.10	U	0.54	4.10	ug/Kg
78-87-5	1,2-Dichloropropane	4.10	U	0.48	4.10	ug/Kg
75-27-4	Bromodichloromethane	4.10	U	0.57	4.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	20.3	U	3.70	20.3	ug/Kg
108-88-3	Toluene	4.10	U	0.53	4.10	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.10	U	0.63	4.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.10	U	0.60	4.10	ug/Kg

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79-00-5	1,1,2-Trichloroethane	4.10	U	0.70	4.10	ug/Kg
591-78-6	2-Hexanone	20.3	U	4.30	20.3	ug/Kg
124-48-1	Dibromochloromethane	4.10	U	0.69	4.10	ug/Kg
106-93-4	1,2-Dibromoethane	4.10	U	0.64	4.10	ug/Kg
127-18-4	Tetrachloroethene	4.10	U	0.63	4.10	ug/Kg
108-90-7	Chlorobenzene	4.10	U	0.51	4.10	ug/Kg
100-41-4	Ethyl Benzene	4.10	U	0.54	4.10	ug/Kg
179601-23-1	m/p-Xylenes	8.10	U	1.20	8.10	ug/Kg
1330-20-7	Total Xylenes	12.2	U	1.83	12.2	ug/Kg
95-47-6	o-Xylene	4.10	U	0.63	4.10	ug/Kg
100-42-5	Styrene	4.10	U	0.56	4.10	ug/Kg
75-25-2	Bromoform	4.10	U	0.77	4.10	ug/Kg
98-82-8	Isopropylbenzene	4.10	U	0.58	4.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.10	U	0.87	4.10	ug/Kg
103-65-1	n-propylbenzene	4.10	U	0.57	4.10	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	4.10	U	0.52	4.10	ug/Kg
98-06-6	tert-Butylbenzene	4.10	U	0.63	4.10	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	4.10	U	0.54	4.10	ug/Kg
135-98-8	sec-Butylbenzene	4.10	U	0.63	4.10	ug/Kg
99-87-6	p-Isopropyltoluene	4.10	U	0.60	4.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.10	U	0.55	4.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.10	U	0.49	4.10	ug/Kg
104-51-8	n-Butylbenzene	4.10	U	0.55	4.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.10	U	0.49	4.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.10	U	0.97	4.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.10	U	0.50	4.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.10	U	0.51	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.0		50 - 163	116%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		54 - 147	108%	SPK: 50
2037-26-5	Toluene-d8	55.7		58 - 134	111%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.7		30 - 143	113%	SPK: 50

INTERNAL STANDARDS

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363-72-4	Pentafluorobenzene	172000	7.875			
540-36-3	1,4-Difluorobenzene	366000	8.775			
3114-55-4	Chlorobenzene-d5	369000	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	171000	13.516			
TENTATIVE IDENTIFIED COMPOUNDS						
1010386-40-2	2-Ethyl-oxetane	10.7	J		5.83	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