

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-08-(0.5-2.0)	SDG No.:	O3645
Lab Sample ID:	O3645-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	74.6
Sample Wt/Vol:	5.67 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
VD076754.D	1		07/17/23 15:01	VD071723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	5.90	U	1.90	5.90	ug/Kg
74-87-3	Chloromethane	5.90	U	1.10	5.90	ug/Kg
75-01-4	Vinyl Chloride	5.90	U	1.10	5.90	ug/Kg
74-83-9	Bromomethane	5.90	U	1.40	5.90	ug/Kg
75-00-3	Chloroethane	5.90	U	1.00	5.90	ug/Kg
75-69-4	Trichlorofluoromethane	5.90	U	1.30	5.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.90	U	0.85	5.90	ug/Kg
75-35-4	1,1-Dichloroethene	5.90	U	0.93	5.90	ug/Kg
67-64-1	Acetone	29.6	U	11.1	29.6	ug/Kg
75-15-0	Carbon Disulfide	5.90	U	2.60	5.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.90	U	0.77	5.90	ug/Kg
79-20-9	Methyl Acetate	5.90	U	1.90	5.90	ug/Kg
75-09-2	Methylene Chloride	11.8	U	7.20	11.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.90	U	0.86	5.90	ug/Kg
75-34-3	1,1-Dichloroethane	5.90	U	0.85	5.90	ug/Kg
110-82-7	Cyclohexane	2.00	J	0.83	5.90	ug/Kg
78-93-3	2-Butanone	29.6	U	8.60	29.6	ug/Kg
56-23-5	Carbon Tetrachloride	5.90	U	0.92	5.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.90	U	0.76	5.90	ug/Kg
74-97-5	Bromochloromethane	5.90	U	2.80	5.90	ug/Kg
67-66-3	Chloroform	5.90	U	1.60	5.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.90	U	0.90	5.90	ug/Kg
108-87-2	Methylcyclohexane	5.90	U	4.00	5.90	ug/Kg
71-43-2	Benzene	5.90	U	0.78	5.90	ug/Kg
107-06-2	1,2-Dichloroethane	5.90	U	0.85	5.90	ug/Kg
79-01-6	Trichloroethene	5.90	U	0.78	5.90	ug/Kg
78-87-5	1,2-Dichloropropane	5.90	U	0.70	5.90	ug/Kg
75-27-4	Bromodichloromethane	5.90	U	0.83	5.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	29.6	U	5.30	29.6	ug/Kg
108-88-3	Toluene	5.90	U	0.77	5.90	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.90	U	0.91	5.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.90	U	0.87	5.90	ug/Kg

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79-00-5	1,1,2-Trichloroethane	5.90	U	1.00	5.90	ug/Kg
591-78-6	2-Hexanone	29.6	U	6.20	29.6	ug/Kg
124-48-1	Dibromochloromethane	5.90	U	1.00	5.90	ug/Kg
106-93-4	1,2-Dibromoethane	5.90	U	0.93	5.90	ug/Kg
127-18-4	Tetrachloroethene	5.90	U	0.91	5.90	ug/Kg
108-90-7	Chlorobenzene	5.90	U	0.74	5.90	ug/Kg
100-41-4	Ethyl Benzene	5.90	U	0.79	5.90	ug/Kg
179601-23-1	m/p-Xylenes	11.8	U	1.70	11.8	ug/Kg
1330-20-7	Total Xylenes	17.7	U	2.61	17.7	ug/Kg
95-47-6	o-Xylene	5.90	U	0.91	5.90	ug/Kg
100-42-5	Styrene	5.90	U	0.82	5.90	ug/Kg
75-25-2	Bromoform	5.90	U	1.10	5.90	ug/Kg
98-82-8	Isopropylbenzene	5.90	U	0.84	5.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.90	U	1.30	5.90	ug/Kg
103-65-1	n-propylbenzene	5.90	U	0.83	5.90	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.90	U	0.76	5.90	ug/Kg
98-06-6	tert-Butylbenzene	5.90	U	0.91	5.90	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5.90	U	0.79	5.90	ug/Kg
135-98-8	sec-Butylbenzene	5.90	U	0.91	5.90	ug/Kg
99-87-6	p-Isopropyltoluene	5.90	U	0.87	5.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.90	U	0.80	5.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.90	U	0.71	5.90	ug/Kg
104-51-8	n-Butylbenzene	5.90	U	0.80	5.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.90	U	0.71	5.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.90	U	1.40	5.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.90	U	0.72	5.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.90	U	0.74	5.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.5		50 - 163	131%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4		54 - 147	111%	SPK: 50
2037-26-5	Toluene-d8	54.8		58 - 134	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.7		30 - 143	81%	SPK: 50

INTERNAL STANDARDS

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363-72-4	Pentafluorobenzene	151000	7.875			
540-36-3	1,4-Difluorobenzene	339000	8.775			
3114-55-4	Chlorobenzene-d5	298000	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	92300	13.516			
TENTATIVE IDENTIFIED COMPOUNDS						
1010386-40-2	2-Ethyl-oxetane	9.70	J		5.84	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