

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	DUP	SDG No.:	O3645
Lab Sample ID:	O3645-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	80.8
Sample Wt/Vol:	5.92 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
VD076777.D	1		07/18/23 14:49	VD071823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	5.20	U	1.70	5.20	ug/Kg
74-87-3	Chloromethane	5.20	U	0.95	5.20	ug/Kg
75-01-4	Vinyl Chloride	5.20	U	0.97	5.20	ug/Kg
74-83-9	Bromomethane	5.20	U	1.30	5.20	ug/Kg
75-00-3	Chloroethane	5.20	U	0.92	5.20	ug/Kg
75-69-4	Trichlorofluoromethane	5.20	U	1.10	5.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.20	U	0.75	5.20	ug/Kg
75-35-4	1,1-Dichloroethene	5.20	U	0.83	5.20	ug/Kg
67-64-1	Acetone	26.1	U	9.80	26.1	ug/Kg
75-15-0	Carbon Disulfide	5.20	U	2.30	5.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.20	U	0.68	5.20	ug/Kg
79-20-9	Methyl Acetate	5.20	U	1.70	5.20	ug/Kg
75-09-2	Methylene Chloride	10.5	U	6.30	10.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.20	U	0.76	5.20	ug/Kg
75-34-3	1,1-Dichloroethane	5.20	U	0.75	5.20	ug/Kg
110-82-7	Cyclohexane	6.20		0.73	5.20	ug/Kg
78-93-3	2-Butanone	26.1	U	7.60	26.1	ug/Kg
56-23-5	Carbon Tetrachloride	5.20	U	0.82	5.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.20	U	0.67	5.20	ug/Kg
74-97-5	Bromochloromethane	5.20	U	2.50	5.20	ug/Kg
67-66-3	Chloroform	5.20	U	1.40	5.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.20	U	0.79	5.20	ug/Kg
108-87-2	Methylcyclohexane	6.90		3.50	5.20	ug/Kg
71-43-2	Benzene	1.70	J	0.69	5.20	ug/Kg
107-06-2	1,2-Dichloroethane	5.20	U	0.75	5.20	ug/Kg
79-01-6	Trichloroethene	5.20	U	0.69	5.20	ug/Kg
78-87-5	1,2-Dichloropropane	5.20	U	0.62	5.20	ug/Kg
75-27-4	Bromodichloromethane	5.20	U	0.73	5.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	26.1	U	4.70	26.1	ug/Kg
108-88-3	Toluene	4.90	J	0.68	5.20	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.20	U	0.80	5.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.20	U	0.77	5.20	ug/Kg

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79-00-5	1,1,2-Trichloroethane	5.20	U	0.90	5.20	ug/Kg
591-78-6	2-Hexanone	26.1	U	5.50	26.1	ug/Kg
124-48-1	Dibromochloromethane	5.20	U	0.89	5.20	ug/Kg
106-93-4	1,2-Dibromoethane	5.20	U	0.83	5.20	ug/Kg
127-18-4	Tetrachloroethene	5.20	U	0.80	5.20	ug/Kg
108-90-7	Chlorobenzene	5.20	U	0.66	5.20	ug/Kg
100-41-4	Ethyl Benzene	5.20	U	0.70	5.20	ug/Kg
179601-23-1	m/p-Xylenes	4.40	J	1.50	10.5	ug/Kg
1330-20-7	Total Xylenes	6.00	J	2.30	15.7	ug/Kg
95-47-6	o-Xylene	1.60	J	0.80	5.20	ug/Kg
100-42-5	Styrene	5.20	U	0.72	5.20	ug/Kg
75-25-2	Bromoform	5.20	U	0.99	5.20	ug/Kg
98-82-8	Isopropylbenzene	5.20	U	0.74	5.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.20	U	1.10	5.20	ug/Kg
103-65-1	n-propylbenzene	5.20	U	0.73	5.20	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.20	U	0.67	5.20	ug/Kg
98-06-6	tert-Butylbenzene	5.20	U	0.80	5.20	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2.90	J	0.70	5.20	ug/Kg
135-98-8	sec-Butylbenzene	5.20	U	0.80	5.20	ug/Kg
99-87-6	p-Isopropyltoluene	5.20	U	0.77	5.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.20	U	0.71	5.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.20	U	0.63	5.20	ug/Kg
104-51-8	n-Butylbenzene	5.20	U	0.71	5.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.20	U	0.63	5.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.20	U	1.20	5.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.20	U	0.64	5.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.20	U	0.66	5.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	63.8		50 - 163	128%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		54 - 147	103%	SPK: 50
2037-26-5	Toluene-d8	55.8		58 - 134	112%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		30 - 143	98%	SPK: 50

INTERNAL STANDARDS

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363-72-4	Pentafluorobenzene	148000	7.875			
540-36-3	1,4-Difluorobenzene	355000	8.775			
3114-55-4	Chlorobenzene-d5	329000	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	142000	13.516			
TENTATIVE IDENTIFIED COMPOUNDS						
000074-98-6	Propane	7.90	J		1.89	ug/Kg
000075-28-5	Isobutane	6.70	J		2.10	ug/Kg
000106-97-8	Butane	16.5	J		2.27	ug/Kg
000078-78-4	Butane, 2-methyl-	16.7	J		2.93	ug/Kg
000109-66-0	Pentane	8.40	J		3.30	ug/Kg
000110-54-3	n-Hexane	14.5	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