

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)MSD	SDG No.:	O3645
Lab Sample ID:	O3645-10MSD	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.3
Sample Wt/Vol:	6.31 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
VD076763.D	1		07/17/23 19:17	VD071723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	49.8		1.40	4.30	ug/Kg
74-87-3	Chloromethane	56.0		0.79	4.30	ug/Kg
75-01-4	Vinyl Chloride	53.4		0.81	4.30	ug/Kg
74-83-9	Bromomethane	45.9		1.10	4.30	ug/Kg
75-00-3	Chloroethane	52.9		0.76	4.30	ug/Kg
75-69-4	Trichlorofluoromethane	51.0		0.92	4.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	50.1		0.62	4.30	ug/Kg
75-35-4	1,1-Dichloroethene	50.4		0.69	4.30	ug/Kg
67-64-1	Acetone	260		8.10	21.7	ug/Kg
75-15-0	Carbon Disulfide	49.7		1.90	4.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	55.2		0.56	4.30	ug/Kg
79-20-9	Methyl Acetate	69.8		1.40	4.30	ug/Kg
75-09-2	Methylene Chloride	62.5		5.30	8.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	50.9		0.63	4.30	ug/Kg
75-34-3	1,1-Dichloroethane	54.8		0.62	4.30	ug/Kg
110-82-7	Cyclohexane	44.2		0.61	4.30	ug/Kg
78-93-3	2-Butanone	270		6.30	21.7	ug/Kg
56-23-5	Carbon Tetrachloride	51.3		0.68	4.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	55.3		0.56	4.30	ug/Kg
74-97-5	Bromochloromethane	44.7		2.00	4.30	ug/Kg
67-66-3	Chloroform	56.3		1.10	4.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	53.4		0.66	4.30	ug/Kg
108-87-2	Methylcyclohexane	43.4		2.90	4.30	ug/Kg
71-43-2	Benzene	52.7		0.57	4.30	ug/Kg
107-06-2	1,2-Dichloroethane	55.7		0.62	4.30	ug/Kg
79-01-6	Trichloroethene	49.2		0.57	4.30	ug/Kg
78-87-5	1,2-Dichloropropane	53.9		0.51	4.30	ug/Kg
75-27-4	Bromodichloromethane	54.1		0.61	4.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	260		3.90	21.7	ug/Kg
108-88-3	Toluene	51.1		0.56	4.30	ug/Kg
10061-02-6	t-1,3-Dichloropropene	51.2		0.67	4.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	52.2		0.64	4.30	ug/Kg

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79-00-5	1,1,2-Trichloroethane	52.8		0.75	4.30	ug/Kg
591-78-6	2-Hexanone	260		4.60	21.7	ug/Kg
124-48-1	Dibromochloromethane	55.0		0.74	4.30	ug/Kg
106-93-4	1,2-Dibromoethane	52.1		0.69	4.30	ug/Kg
127-18-4	Tetrachloroethene	69.4		0.67	4.30	ug/Kg
108-90-7	Chlorobenzene	50.3		0.55	4.30	ug/Kg
100-41-4	Ethyl Benzene	49.4		0.58	4.30	ug/Kg
179601-23-1	m/p-Xylenes	98.8		1.20	8.70	ug/Kg
1330-20-7	Total Xylenes	150		1.87	13.0	ug/Kg
95-47-6	o-Xylene	50.8		0.67	4.30	ug/Kg
100-42-5	Styrene	50.7		0.60	4.30	ug/Kg
75-25-2	Bromoform	54.5		0.82	4.30	ug/Kg
98-82-8	Isopropylbenzene	50.8		0.62	4.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	53.6		0.93	4.30	ug/Kg
103-65-1	n-propylbenzene	49.1		0.61	4.30	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	50.2		0.56	4.30	ug/Kg
98-06-6	tert-Butylbenzene	49.2		0.67	4.30	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	50.7		0.58	4.30	ug/Kg
135-98-8	sec-Butylbenzene	46.8		0.67	4.30	ug/Kg
99-87-6	p-Isopropyltoluene	46.3		0.64	4.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	48.5		0.59	4.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	48.5		0.52	4.30	ug/Kg
104-51-8	n-Butylbenzene	41.2		0.59	4.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.5		0.52	4.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	53.3		1.00	4.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	40.5		0.53	4.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	40.6		0.55	4.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		50 - 163	102%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		54 - 147	102%	SPK: 50
2037-26-5	Toluene-d8	48.0		58 - 134	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.3		30 - 143	95%	SPK: 50

INTERNAL STANDARDS

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363-72-4	Pentafluorobenzene	155000	7.875			
540-36-3	1,4-Difluorobenzene	288000	8.775			
3114-55-4	Chlorobenzene-d5	267000	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	118000	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