

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)MS	SDG No.:	O3645
Lab Sample ID:	O3645-09MS	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.3
Sample Wt/Vol:	6.17 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
VD076762.D	1		07/17/23 18:48	VD071723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	41.9		1.40	4.40	ug/Kg
74-87-3	Chloromethane	47.4		0.81	4.40	ug/Kg
75-01-4	Vinyl Chloride	44.9		0.83	4.40	ug/Kg
74-83-9	Bromomethane	37.3		1.10	4.40	ug/Kg
75-00-3	Chloroethane	45.5		0.78	4.40	ug/Kg
75-69-4	Trichlorofluoromethane	42.7		0.94	4.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	42.5		0.64	4.40	ug/Kg
75-35-4	1,1-Dichloroethene	42.7		0.70	4.40	ug/Kg
67-64-1	Acetone	230		8.30	22.2	ug/Kg
75-15-0	Carbon Disulfide	43.3		2.00	4.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	45.5		0.58	4.40	ug/Kg
79-20-9	Methyl Acetate	60.5		1.40	4.40	ug/Kg
75-09-2	Methylene Chloride	54.3		5.40	8.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	44.4		0.65	4.40	ug/Kg
75-34-3	1,1-Dichloroethane	46.9		0.64	4.40	ug/Kg
110-82-7	Cyclohexane	39.9		0.62	4.40	ug/Kg
78-93-3	2-Butanone	230		6.50	22.2	ug/Kg
56-23-5	Carbon Tetrachloride	43.7		0.69	4.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	45.8		0.57	4.40	ug/Kg
74-97-5	Bromochloromethane	47.5		2.10	4.40	ug/Kg
67-66-3	Chloroform	47.0		1.20	4.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	46.3		0.67	4.40	ug/Kg
108-87-2	Methylcyclohexane	41.4		3.00	4.40	ug/Kg
71-43-2	Benzene	45.1		0.59	4.40	ug/Kg
107-06-2	1,2-Dichloroethane	47.8		0.64	4.40	ug/Kg
79-01-6	Trichloroethene	43.1		0.59	4.40	ug/Kg
78-87-5	1,2-Dichloropropane	46.2		0.52	4.40	ug/Kg
75-27-4	Bromodichloromethane	44.9		0.62	4.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	230		4.00	22.2	ug/Kg
108-88-3	Toluene	44.5		0.58	4.40	ug/Kg
10061-02-6	t-1,3-Dichloropropene	44.2		0.68	4.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	44.0		0.66	4.40	ug/Kg

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79-00-5	1,1,2-Trichloroethane	46.2		0.76	4.40	ug/Kg
591-78-6	2-Hexanone	220		4.70	22.2	ug/Kg
124-48-1	Dibromochloromethane	46.3		0.75	4.40	ug/Kg
106-93-4	1,2-Dibromoethane	45.3		0.70	4.40	ug/Kg
127-18-4	Tetrachloroethene	62.9		0.68	4.40	ug/Kg
108-90-7	Chlorobenzene	44.1		0.56	4.40	ug/Kg
100-41-4	Ethyl Benzene	43.8		0.59	4.40	ug/Kg
179601-23-1	m/p-Xylenes	87.8		1.30	8.90	ug/Kg
1330-20-7	Total Xylenes	132		1.98	13.3	ug/Kg
95-47-6	o-Xylene	44.1		0.68	4.40	ug/Kg
100-42-5	Styrene	43.6		0.61	4.40	ug/Kg
75-25-2	Bromoform	44.6		0.84	4.40	ug/Kg
98-82-8	Isopropylbenzene	45.6		0.63	4.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	48.0		0.95	4.40	ug/Kg
103-65-1	n-propylbenzene	44.3		0.62	4.40	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	45.6		0.57	4.40	ug/Kg
98-06-6	tert-Butylbenzene	44.6		0.68	4.40	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	45.5		0.59	4.40	ug/Kg
135-98-8	sec-Butylbenzene	43.5		0.68	4.40	ug/Kg
99-87-6	p-Isopropyltoluene	42.0		0.66	4.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	42.7		0.60	4.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	43.3		0.53	4.40	ug/Kg
104-51-8	n-Butylbenzene	37.7		0.60	4.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	43.7		0.53	4.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	48.7		1.10	4.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	33.5		0.54	4.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	33.8		0.56	4.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.7		50 - 163	113%	SPK: 50
1868-53-7	Dibromofluoromethane	54.7		54 - 147	109%	SPK: 50
2037-26-5	Toluene-d8	50.8		58 - 134	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		30 - 143	100%	SPK: 50

INTERNAL STANDARDS

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363-72-4	Pentafluorobenzene	136000	7.869			
540-36-3	1,4-Difluorobenzene	255000	8.775			
3114-55-4	Chlorobenzene-d5	232000	11.58			
3855-82-1	1,4-Dichlorobenzene-d4	102000	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