

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-02-(3-5)	SDG No.:	O3645
Lab Sample ID:	O3645-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.3
Sample Wt/Vol:	6.45 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
VD076751.D	1		07/17/23 13:36	VD071723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	4.50	U	1.50	4.50	ug/Kg
74-87-3	Chloromethane	4.50	U	0.82	4.50	ug/Kg
75-01-4	Vinyl Chloride	4.50	U	0.84	4.50	ug/Kg
74-83-9	Bromomethane	4.50	U	1.10	4.50	ug/Kg
75-00-3	Chloroethane	4.50	U	0.79	4.50	ug/Kg
75-69-4	Trichlorofluoromethane	4.50	U	0.95	4.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.50	U	0.65	4.50	ug/Kg
75-35-4	1,1-Dichloroethene	4.50	U	0.71	4.50	ug/Kg
67-64-1	Acetone	22.5	U	8.40	22.5	ug/Kg
75-15-0	Carbon Disulfide	4.50	U	2.00	4.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.50	U	0.58	4.50	ug/Kg
79-20-9	Methyl Acetate	4.50	U	1.50	4.50	ug/Kg
75-09-2	Methylene Chloride	9.00	U	5.40	9.00	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.50	U	0.66	4.50	ug/Kg
75-34-3	1,1-Dichloroethane	4.50	U	0.65	4.50	ug/Kg
110-82-7	Cyclohexane	8.60		0.63	4.50	ug/Kg
78-93-3	2-Butanone	22.5	U	6.50	22.5	ug/Kg
56-23-5	Carbon Tetrachloride	4.50	U	0.70	4.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.50	U	0.57	4.50	ug/Kg
74-97-5	Bromochloromethane	4.50	U	2.10	4.50	ug/Kg
67-66-3	Chloroform	4.50	U	1.20	4.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.50	U	0.68	4.50	ug/Kg
108-87-2	Methylcyclohexane	13.4		3.00	4.50	ug/Kg
71-43-2	Benzene	1.90	J	0.59	4.50	ug/Kg
107-06-2	1,2-Dichloroethane	4.50	U	0.65	4.50	ug/Kg
79-01-6	Trichloroethene	4.50	U	0.59	4.50	ug/Kg
78-87-5	1,2-Dichloropropane	4.50	U	0.53	4.50	ug/Kg
75-27-4	Bromodichloromethane	4.50	U	0.63	4.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	22.5	U	4.10	22.5	ug/Kg
108-88-3	Toluene	6.30		0.58	4.50	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.50	U	0.69	4.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.50	U	0.66	4.50	ug/Kg

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-02-(3-5)	SDG No.:	O3645
Lab Sample ID:	O3645-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.3
Sample Wt/Vol:	6.45 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
VD076751.D	1		07/17/23 13:36	VD071723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	4.50	U	0.77	4.50	ug/Kg
591-78-6	2-Hexanone	22.5	U	4.70	22.5	ug/Kg
124-48-1	Dibromochloromethane	4.50	U	0.76	4.50	ug/Kg
106-93-4	1,2-Dibromoethane	4.50	U	0.71	4.50	ug/Kg
127-18-4	Tetrachloroethene	4.50	U	0.69	4.50	ug/Kg
108-90-7	Chlorobenzene	4.50	U	0.57	4.50	ug/Kg
100-41-4	Ethyl Benzene	1.20	J	0.60	4.50	ug/Kg
179601-23-1	m/p-Xylenes	6.80	J	1.30	9.00	ug/Kg
1330-20-7	Total Xylenes	9.20	J	1.99	13.5	ug/Kg
95-47-6	o-Xylene	2.40	J	0.69	4.50	ug/Kg
100-42-5	Styrene	4.50	U	0.62	4.50	ug/Kg
75-25-2	Bromoform	4.50	U	0.85	4.50	ug/Kg
98-82-8	Isopropylbenzene	4.50	U	0.64	4.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.50	U	0.96	4.50	ug/Kg
103-65-1	n-propylbenzene	4.50	U	0.63	4.50	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1.70	J	0.57	4.50	ug/Kg
98-06-6	tert-Butylbenzene	4.50	U	0.69	4.50	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	4.90		0.60	4.50	ug/Kg
135-98-8	sec-Butylbenzene	4.50	U	0.69	4.50	ug/Kg
99-87-6	p-Isopropyltoluene	4.50	U	0.66	4.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.50	U	0.61	4.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.50	U	0.54	4.50	ug/Kg
104-51-8	n-Butylbenzene	4.50	U	0.61	4.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.50	U	0.54	4.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.50	U	1.10	4.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.50	U	0.55	4.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.50	U	0.57	4.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.1		50 - 163	114%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		54 - 147	106%	SPK: 50
2037-26-5	Toluene-d8	55.3		58 - 134	111%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.2		30 - 143	110%	SPK: 50

INTERNAL STANDARDS

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-02-(3-5)	SDG No.:	O3645
Lab Sample ID:	O3645-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.3
Sample Wt/Vol:	6.45 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
VD076751.D	1		07/17/23 13:36	VD071723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
363-72-4	Pentafluorobenzene	185000	7.875			
540-36-3	1,4-Difluorobenzene	404000	8.775			
3114-55-4	Chlorobenzene-d5	401000	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	188000	13.516			
TENTATIVE IDENTIFIED COMPOUNDS						
000074-98-6	Propane	8.80	J		1.89	ug/Kg
000075-28-5	Isobutane	9.20	J		2.10	ug/Kg
000106-97-8	Butane	20.3	J		2.27	ug/Kg
000078-78-4	Butane, 2-methyl-	23.1	J		2.94	ug/Kg
000109-66-0	Pentane	12.3	J		3.29	ug/Kg
1010386-40-2	2-Ethyl-oxetane	17.8	J		5.84	ug/Kg
000142-82-5	Heptane	9.40	J		8.63	ug/Kg
000111-65-9	Octane	7.60	J		10.5	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