

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-10-(0.5-2.0)	SDG No.:	O3645
Lab Sample ID:	O3645-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134566.D	1	07/18/23 09:45	08/02/23 00:41	PB154258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	400	U	180	400	ug/Kg
108-95-2	Phenol	200	U	89.2	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	200	U	110	200	ug/Kg
95-57-8	2-Chlorophenol	200	U	86.3	200	ug/Kg
95-48-7	2-Methylphenol	200	U	140	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	130	200	ug/Kg
98-86-2	Acetophenone	200	U	100	200	ug/Kg
65794-96-9	3+4-Methylphenols	400	U	130	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	95.9	U	70.7	95.9	ug/Kg
67-72-1	Hexachloroethane	200	U	88.2	200	ug/Kg
98-95-3	Nitrobenzene	200	U	90.1	200	ug/Kg
78-59-1	Isophorone	200	U	81.6	200	ug/Kg
88-75-5	2-Nitrophenol	200	U	110	200	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	120	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	200	U	130	200	ug/Kg
120-83-2	2,4-Dichlorophenol	200	U	93.6	200	ug/Kg
91-20-3	Naphthalene	270		97.6	200	ug/Kg
106-47-8	4-Chloroaniline	200	U	130	200	ug/Kg
87-68-3	Hexachlorobutadiene	200	U	100	200	ug/Kg
105-60-2	Caprolactam	400	U	140	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	200	U	98.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	200		110	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	400	U	250	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	200	U	92.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	200	U	110	200	ug/Kg
92-52-4	1,1-Biphenyl	200	U	110	200	ug/Kg
91-58-7	2-Chloronaphthalene	200	U	100	200	ug/Kg
88-74-4	2-Nitroaniline	200	U	120	200	ug/Kg
131-11-3	Dimethylphthalate	130	J	110	200	ug/Kg
208-96-8	Acenaphthylene	120	J	110	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	200	U	110	200	ug/Kg

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99-09-2	3-Nitroaniline	200	U	110	200	ug/Kg
83-32-9	Acenaphthene	260		96.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	400	U	220	400	ug/Kg
100-02-7	4-Nitrophenol	400	U	140	400	ug/Kg
132-64-9	Dibenzofuran	220		92.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	200	U	120	200	ug/Kg
84-66-2	Diethylphthalate	200	U	100	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	200	U	110	200	ug/Kg
86-73-7	Fluorene	290		100	200	ug/Kg
100-01-6	4-Nitroaniline	200	U	120	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	110	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	200	U	110	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	200	U	120	200	ug/Kg
118-74-1	Hexachlorobenzene	200	U	120	200	ug/Kg
1912-24-9	Atrazine	200	U	110	200	ug/Kg
87-86-5	Pentachlorophenol	400	U	130	400	ug/Kg
85-01-8	Phenanthrene	2900		110	200	ug/Kg
120-12-7	Anthracene	790		120	200	ug/Kg
86-74-8	Carbazole	430		100	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	J	120	200	ug/Kg
206-44-0	Fluoranthene	3400	E	110	200	ug/Kg
129-00-0	Pyrene	3100		100	200	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	120	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	400	U	190	400	ug/Kg
56-55-3	Benzo(a)anthracene	1800		100	200	ug/Kg
218-01-9	Chrysene	1900		100	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	140	200	ug/Kg
117-84-0	Di-n-octyl phthalate	400	U	150	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		96.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	880		110	200	ug/Kg
50-32-8	Benzo(a)pyrene	1700		110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		130	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	320		120	200	ug/Kg

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191-24-2	Benzo(g,h,i)perylene	1200		110	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	110	200	ug/Kg
123-91-1	1,4-Dioxane	200	U	140	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	200	U	99.4	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	104		18 - 112	70%	SPK: 150
13127-88-3	Phenol-d6	103		21 - 104	69%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.4		27 - 109	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.6		30 - 103	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	106		10 - 121	70%	SPK: 150
1718-51-0	Terphenyl-d14	86.5		21 - 107	86%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	186000	6.793
1146-65-2	Naphthalene-d8	688000	8.069
15067-26-2	Acenaphthene-d10	289000	9.828
1517-22-2	Phenanthrene-d10	478000	11.316
1719-03-5	Chrysene-d12	297000	13.969
1520-96-3	Perylene-d12	259000	15.427

TENTATIVE IDENTIFIED COMPOUNDS

90-12-0	1-Methylnaphthalene	150	J	8.88	ug/Kg
000544-76-3	Hexadecane	440	J	9.23	ug/Kg
1000309-17-6	Sulfurous acid, butyl nonyl ester	290	J	9.77	ug/Kg
013798-23-7	Hexathiane	310	J	10.1	ug/Kg
055045-10-8	Tridecane, 6-propyl-	560	J	10.7	ug/Kg
000629-59-4	Tetradecane	440	J	11.2	ug/Kg
000629-92-5	Nonadecane	500	J	11.6	ug/Kg
000613-12-7	Anthracene, 2-methyl-	330	J	11.8	ug/Kg
000112-95-8	Eicosane	610	J	12.0	ug/Kg
000612-94-2	Naphthalene, 2-phenyl-	440	J	12.1	ug/Kg
000629-94-7	Heneicosane	950	J	12.4	ug/Kg
000057-11-4	Octadecanoic acid	440	J	12.7	ug/Kg
000629-99-2	Pentacosane	580	J	13.2	ug/Kg

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000630-01-3	Hexacosane	510	J		13.5	ug/Kg
001740-19-8	Dehydroabietic acid	260	J		13.8	ug/Kg
000646-31-1	Tetracosane	500	J		13.8	ug/Kg
054833-23-7	Eicosane, 10-methyl-	390	J		14.2	ug/Kg
000638-68-6	Triacontane	330	J		14.5	ug/Kg
000629-78-7	Heptadecane	2000	J		14.8	ug/Kg
000192-97-2	Benzo[e]pyrene	2000	J		15.1	ug/Kg
000198-55-0	Perylene	2400	J		15.3	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