

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	BP-B4MS	SDG No.:	P4768
Lab Sample ID:	P4756-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.8
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140307.D	1	11/08/24 09:45	11/08/24 18:55	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	230		120	220	ug/Kg
108-95-2	Phenol	1200		56.0	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		56.5	110	ug/Kg
95-57-8	2-Chlorophenol	1200		56.4	110	ug/Kg
95-48-7	2-Methylphenol	1100		54.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		61.4	110	ug/Kg
98-86-2	Acetophenone	1200		58.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		53.9	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.2	54.0	ug/Kg
67-72-1	Hexachloroethane	920		56.0	110	ug/Kg
98-95-3	Nitrobenzene	1100		61.3	110	ug/Kg
78-59-1	Isophorone	1100		57.1	110	ug/Kg
88-75-5	2-Nitrophenol	1100		63.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		62.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		57.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		51.0	110	ug/Kg
91-20-3	Naphthalene	1100		55.8	110	ug/Kg
106-47-8	4-Chloroaniline	580		55.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.3	110	ug/Kg
105-60-2	Caprolactam	1200		58.6	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		55.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	860		110	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		48.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		50.0	110	ug/Kg
92-52-4	1,1-Biphenyl	1300		59.0	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		56.3	110	ug/Kg
88-74-4	2-Nitroaniline	1300		64.2	110	ug/Kg
131-11-3	Dimethylphthalate	1300		55.2	110	ug/Kg

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208-96-8	Acenaphthylene	1300		58.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56.2	110	ug/Kg
99-09-2	3-Nitroaniline	1100		60.2	110	ug/Kg
83-32-9	Acenaphthene	1100		54.8	110	ug/Kg
51-28-5	2,4-Dinitrophenol	280		160	220	ug/Kg
100-02-7	4-Nitrophenol	2500	E	78.3	220	ug/Kg
132-64-9	Dibenzofuran	1200		57.0	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58.2	110	ug/Kg
84-66-2	Diethylphthalate	1200		54.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		57.8	110	ug/Kg
86-73-7	Fluorene	1200		57.7	110	ug/Kg
100-01-6	4-Nitroaniline	1200		72.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	J	79.0	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		55.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		53.3	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		57.4	110	ug/Kg
1912-24-9	Atrazine	1600		61.7	110	ug/Kg
87-86-5	Pentachlorophenol	2600	E	52.2	220	ug/Kg
85-01-8	Phenanthrene	1300		56.7	110	ug/Kg
120-12-7	Anthracene	1300		57.0	110	ug/Kg
86-74-8	Carbazole	1300		54.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		56.9	110	ug/Kg
206-44-0	Fluoranthene	1400		55.2	110	ug/Kg
129-00-0	Pyrene	1300		56.0	110	ug/Kg
85-68-7	Butylbenzylphthalate	1400		65.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		66.6	220	ug/Kg
56-55-3	Benzo(a)anthracene	1300		54.5	110	ug/Kg
218-01-9	Chrysene	1300		53.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		61.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		74.3	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		54.8	110	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1300		55.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	1400		62.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		52.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		54.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		54.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		58.6	110	ug/Kg
123-91-1	1,4-Dioxane	960		74.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		50.4	110	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	98.7		18 - 112	66%	SPK: 150
13127-88-3	Phenol-d6	100		15 - 107	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.8		18 - 107	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.0		20 - 109	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	105		10 - 116	70%	SPK: 150
1718-51-0	Terphenyl-d14	75.5		10 - 105	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	112000	6.881			
1146-65-2	Naphthalene-d8	394000	8.163			
15067-26-2	Acenaphthene-d10	193000	9.916			
1517-22-2	Phenanthrene-d10	322000	11.41			
1719-03-5	Chrysene-d12	213000	14.063			
1520-96-3	Perylene-d12	174000	15.562			

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