

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Final Vol:	1000 uL
		Test:	SVOC-TCL BNA -20
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140438.D	1	11/08/24 09:45	11/16/24 18:53	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	350	ug/Kg
108-95-2	Phenol	86.9	U	86.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.8	U	87.8	180	ug/Kg
95-57-8	2-Chlorophenol	87.6	U	87.6	180	ug/Kg
95-48-7	2-Methylphenol	84.5	U	84.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.3	U	95.3	180	ug/Kg
98-86-2	Acetophenone	91.1	U	91.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.7	U	83.7	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.3	U	42.3	83.9	ug/Kg
67-72-1	Hexachloroethane	87.0	U	87.0	180	ug/Kg
98-95-3	Nitrobenzene	95.2	U	95.2	180	ug/Kg
78-59-1	Isophorone	88.7	U	88.7	180	ug/Kg
88-75-5	2-Nitrophenol	99.1	U	99.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.7	U	97.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.0	U	90.0	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.2	U	79.2	180	ug/Kg
91-20-3	Naphthalene	86.6	U	86.6	180	ug/Kg
106-47-8	4-Chloroaniline	86.6	U	86.6	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.4	U	87.4	180	ug/Kg
105-60-2	Caprolactam	91.0	U	91.0	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.3	U	81.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.5	U	86.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.9	U	74.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.6	U	77.6	180	ug/Kg
92-52-4	1,1-Biphenyl	91.7	U	91.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.4	U	87.4	180	ug/Kg
88-74-4	2-Nitroaniline	99.6	U	99.6	180	ug/Kg
131-11-3	Dimethylphthalate	85.7	U	85.7	180	ug/Kg

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208-96-8	Acenaphthylene	90.7	U	90.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.3	U	87.3	180	ug/Kg
99-09-2	3-Nitroaniline	93.5	U	93.5	180	ug/Kg
83-32-9	Acenaphthene	85.1	U	85.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	88.5	U	88.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.4	U	90.4	180	ug/Kg
84-66-2	Diethylphthalate	84.0	U	84.0	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.8	U	89.8	180	ug/Kg
86-73-7	Fluorene	89.7	U	89.7	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.6	U	85.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.7	U	82.7	180	ug/Kg
118-74-1	Hexachlorobenzene	89.1	U	89.1	180	ug/Kg
1912-24-9	Atrazine	95.9	U	95.9	180	ug/Kg
87-86-5	Pentachlorophenol	81.1	U	81.1	350	ug/Kg
85-01-8	Phenanthrene	88.1	U	88.1	180	ug/Kg
120-12-7	Anthracene	88.5	U	88.5	180	ug/Kg
86-74-8	Carbazole	84.2	U	84.2	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.4	U	88.4	180	ug/Kg
206-44-0	Fluoranthene	85.7	U	85.7	180	ug/Kg
129-00-0	Pyrene	87.0	U	87.0	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	350	ug/Kg
56-55-3	Benzo(a)anthracene	84.6	U	84.6	180	ug/Kg
218-01-9	Chrysene	83.4	U	83.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.4	U	95.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.1	U	85.1	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	86.6	U	86.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.5	U	97.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.9	U	81.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.2	U	85.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.0	U	84.0	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.0	U	91.0	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.3	U	78.3	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	57.0		18 - 112	38%	SPK: 150
13127-88-3	Phenol-d6	55.0		15 - 107	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	38.0		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.2		20 - 109	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	46.5		10 - 116	31%	SPK: 150
1718-51-0	Terphenyl-d14	40.5		10 - 105	40%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	127000	6.875
1146-65-2	Naphthalene-d8	465000	8.151
15067-26-2	Acenaphthene-d10	232000	9.91
1517-22-2	Phenanthrene-d10	359000	11.398
1719-03-5	Chrysene-d12	228000	14.045
1520-96-3	Perylene-d12	171000	15.551

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	AB	5.09	ug/Kg
001795-26-2	Cyclohexane, 1,3,5-trimethyl-, (1.	110	J	5.29	ug/Kg
013905-48-1	Cyclohexane, 1-bromo-3-methyl-	69.9	J	5.69	ug/Kg
000111-84-2	Nonane	160	J	5.78	ug/Kg
003728-54-9	Cyclohexane, 1-ethyl-2-methyl-	83.9	J	5.90	ug/Kg
003788-32-7	Cyclopentane, (2-methylpropyl)-	88.8	J	6.12	ug/Kg
000124-18-5	Decane	150	J	6.70	ug/Kg

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000119-61-9	Benzophenone	230	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	120	J		11.9	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	320	J		13.5	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