

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		GPC Cleanup :	N
		PH :	
		Test:	SVOC-TCL BNA -20
		Final Vol:	1000
			uL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140482.D	1	11/08/24 09:45	11/19/24 19:02	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	360	ug/Kg
108-95-2	Phenol	90.2	U	90.2	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.1	U	91.1	190	ug/Kg
95-57-8	2-Chlorophenol	90.9	U	90.9	190	ug/Kg
95-48-7	2-Methylphenol	87.7	U	87.7	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.9	U	98.9	190	ug/Kg
98-86-2	Acetophenone	94.6	U	94.6	190	ug/Kg
65794-96-9	3+4-Methylphenols	86.8	U	86.8	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.9	U	43.9	87.1	ug/Kg
67-72-1	Hexachloroethane	90.3	U	90.3	190	ug/Kg
98-95-3	Nitrobenzene	98.8	U	98.8	190	ug/Kg
78-59-1	Isophorone	92.1	U	92.1	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.4	U	93.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.2	U	82.2	190	ug/Kg
91-20-3	Naphthalene	89.9	U	89.9	190	ug/Kg
106-47-8	4-Chloroaniline	89.9	U	89.9	190	ug/Kg
87-68-3	Hexachlorobutadiene	90.7	U	90.7	190	ug/Kg
105-60-2	Caprolactam	94.5	U	94.5	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.3	U	84.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	89.8	U	89.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.7	U	77.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.5	U	80.5	190	ug/Kg
92-52-4	1,1-Biphenyl	95.1	U	95.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	90.7	U	90.7	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	190	ug/Kg
131-11-3	Dimethylphthalate	88.9	U	88.9	190	ug/Kg

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208-96-8	Acenaphthylene	94.1	U	94.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.5	U	90.5	190	ug/Kg
99-09-2	3-Nitroaniline	97.1	U	97.1	190	ug/Kg
83-32-9	Acenaphthene	88.3	U	88.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	360	ug/Kg
132-64-9	Dibenzofuran	91.8	U	91.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.8	U	93.8	190	ug/Kg
84-66-2	Diethylphthalate	87.2	U	87.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.2	U	93.2	190	ug/Kg
86-73-7	Fluorene	93.0	U	93.0	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.8	U	88.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.9	U	85.9	190	ug/Kg
118-74-1	Hexachlorobenzene	92.5	U	92.5	190	ug/Kg
1912-24-9	Atrazine	99.5	U	99.5	190	ug/Kg
87-86-5	Pentachlorophenol	84.1	U	84.1	360	ug/Kg
85-01-8	Phenanthrene	91.4	U	91.4	190	ug/Kg
120-12-7	Anthracene	91.8	U	91.8	190	ug/Kg
86-74-8	Carbazole	87.4	U	87.4	190	ug/Kg
84-74-2	Di-n-butylphthalate	91.7	U	91.7	190	ug/Kg
206-44-0	Fluoranthene	88.9	U	88.9	190	ug/Kg
129-00-0	Pyrene	90.3	U	90.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	360	ug/Kg
56-55-3	Benzo(a)anthracene	87.8	U	87.8	190	ug/Kg
218-01-9	Chrysene	86.5	U	86.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.0	U	99.0	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	88.3	U	88.3	190	ug/Kg

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207-08-9	Benzo(k)fluoranthene	89.9	U	89.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.0	U	85.0	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.4	U	88.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.2	U	87.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.5	U	94.5	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.3	U	81.3	190	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	85.2		18 - 112	57%	SPK: 150
13127-88-3	Phenol-d6	80.3		15 - 107	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.0		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.5		20 - 109	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	72.9		10 - 116	49%	SPK: 150
1718-51-0	Terphenyl-d14	59.6		10 - 105	60%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	164000	6.875
1146-65-2	Naphthalene-d8	576000	8.151
15067-26-2	Acenaphthene-d10	259000	9.91
1517-22-2	Phenanthrene-d10	406000	11.398
1719-03-5	Chrysene-d12	266000	14.045
1520-96-3	Perylene-d12	205000	15.527

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	2200	JB	2.17	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	AB	5.10	ug/Kg
000629-59-4	Tetradecane	74.0	J	9.30	ug/Kg
000119-61-9	Benzophenone	350	J	10.6	ug/Kg
000629-50-5	Tridecane	80.9	J	10.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	210	J	11.9	ug/Kg
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	78.7	J	12.8	ug/Kg

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000301-02-0	9-Octadecenamide, (Z)-	490	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