

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90
Sample Wt/Vol:	30.01 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
BF140508.D	1	11/08/24 09:45	11/20/24 19:09	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	370	ug/Kg
108-95-2	Phenol	92.1	U	92.1	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.0	U	93.0	190	ug/Kg
95-57-8	2-Chlorophenol	92.7	U	92.7	190	ug/Kg
95-48-7	2-Methylphenol	89.5	U	89.5	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	190	ug/Kg
98-86-2	Acetophenone	96.5	U	96.5	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.6	U	88.6	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.8	U	44.8	88.9	ug/Kg
67-72-1	Hexachloroethane	92.2	U	92.2	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	190	ug/Kg
78-59-1	Isophorone	94.0	U	94.0	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	95.3	U	95.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.9	U	83.9	190	ug/Kg
91-20-3	Naphthalene	91.7	U	91.7	190	ug/Kg
106-47-8	4-Chloroaniline	91.7	U	91.7	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.5	U	92.5	190	ug/Kg
105-60-2	Caprolactam	96.4	U	96.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.1	U	86.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.6	U	91.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.3	U	79.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.2	U	82.2	190	ug/Kg
92-52-4	1,1-Biphenyl	97.1	U	97.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.5	U	92.5	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	190	ug/Kg
131-11-3	Dimethylphthalate	90.7	U	90.7	190	ug/Kg

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208-96-8	Acenaphthylene	96.1	U	96.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.4	U	92.4	190	ug/Kg
99-09-2	3-Nitroaniline	99.1	U	99.1	190	ug/Kg
83-32-9	Acenaphthene	90.1	U	90.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	370	ug/Kg
132-64-9	Dibenzofuran	93.7	U	93.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.7	U	95.7	190	ug/Kg
84-66-2	Diethylphthalate	89.0	U	89.0	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.1	U	95.1	190	ug/Kg
86-73-7	Fluorene	95.0	U	95.0	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	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.6	U	90.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.6	U	87.6	190	ug/Kg
118-74-1	Hexachlorobenzene	94.4	U	94.4	190	ug/Kg
1912-24-9	Atrazine	100	U	100	190	ug/Kg
87-86-5	Pentachlorophenol	85.9	U	85.9	370	ug/Kg
85-01-8	Phenanthrene	93.3	U	93.3	190	ug/Kg
120-12-7	Anthracene	93.7	U	93.7	190	ug/Kg
86-74-8	Carbazole	89.2	U	89.2	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.6	U	93.6	190	ug/Kg
206-44-0	Fluoranthene	90.7	U	90.7	190	ug/Kg
129-00-0	Pyrene	92.2	U	92.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	370	ug/Kg
56-55-3	Benzo(a)anthracene	89.6	U	89.6	190	ug/Kg
218-01-9	Chrysene	88.3	U	88.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.1	U	90.1	190	ug/Kg

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207-08-9	Benzo(k)fluoranthene	91.7	U	91.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.7	U	86.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.2	U	90.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.0	U	89.0	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.4	U	96.4	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.0	U	83.0	190	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	91.7		18 - 112	61%	SPK: 150
13127-88-3	Phenol-d6	85.6		15 - 107	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.3		18 - 107	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.3		20 - 109	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	82.0		10 - 116	55%	SPK: 150
1718-51-0	Terphenyl-d14	63.7		10 - 105	64%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	97800	6.875
1146-65-2	Naphthalene-d8	331000	8.151
15067-26-2	Acenaphthene-d10	156000	9.904
1517-22-2	Phenanthrene-d10	250000	11.398
1719-03-5	Chrysene-d12	156000	14.062
1520-96-3	Perylene-d12	144000	15.568

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	2100	JB	2.14	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	230	J	5.09	ug/Kg
255885-37-1	Cyclooctane, 1-methyl-3-propyl-	160	J	5.89	ug/Kg
062960-76-3	4-Octene, 2,6-dimethyl-, [S-(E)]-	490	J	6.41	ug/Kg
	unknown6.651	170	J	6.65	ug/Kg
035216-11-6	7-Tetradecyne	170	J	6.96	ug/Kg
074630-30-1	2-Decene, 4-methyl-, (Z)-	280	J	7.14	ug/Kg

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025183-82-8	1-Cyclohexyl-2-methyl-prop-2-en-1-	180	J		7.29	ug/Kg
017983-22-1	Ketone, methyl 2,2,3-trimethylcycl	260	J		7.51	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	270	J		7.67	ug/Kg
002547-27-5	trans-4a-Methyl-decahydronaphthale	270	J		7.79	ug/Kg
	unknown8.022	180	J		8.02	ug/Kg
074645-98-0	Dodecane, 2,7,10-trimethyl-	230	J		8.20	ug/Kg
	unknown8.239	200	J		8.24	ug/Kg
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	370	J		8.36	ug/Kg
066660-39-7	trans, cis-2-Ethylbicyclo[4.4.0]de	410	J		8.44	ug/Kg
061142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-	370	J		8.59	ug/Kg
091695-32-8	2-Undecene, 4-methyl-	250	J		8.69	ug/Kg
	unknown8.833	280	J		8.83	ug/Kg
000119-61-9	Benzophenone	450	J		10.6	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