

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.2
Sample Wt/Vol:	30.06 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
BF140309.D	1	11/08/24 09:45	11/08/24 19:48	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	87.8	U	87.8	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.7	U	88.7	180	ug/Kg
95-57-8	2-Chlorophenol	88.5	U	88.5	180	ug/Kg
95-48-7	2-Methylphenol	85.4	U	85.4	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.3	U	96.3	180	ug/Kg
98-86-2	Acetophenone	92.1	U	92.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.5	U	84.5	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.7	U	42.7	84.8	ug/Kg
67-72-1	Hexachloroethane	87.9	U	87.9	180	ug/Kg
98-95-3	Nitrobenzene	96.2	U	96.2	180	ug/Kg
78-59-1	Isophorone	89.6	U	89.6	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.7	U	98.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.9	U	90.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.0	U	80.0	180	ug/Kg
91-20-3	Naphthalene	87.5	U	87.5	180	ug/Kg
106-47-8	4-Chloroaniline	87.5	U	87.5	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.3	U	88.3	180	ug/Kg
105-60-2	Caprolactam	92.0	U	92.0	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.1	U	82.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.4	U	87.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.6	U	75.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.4	U	78.4	180	ug/Kg
92-52-4	1,1-Biphenyl	92.6	U	92.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.3	U	88.3	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	86.6	U	86.6	180	ug/Kg

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208-96-8	Acenaphthylene	91.6	U	91.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.1	U	88.1	180	ug/Kg
99-09-2	3-Nitroaniline	94.5	U	94.5	180	ug/Kg
83-32-9	Acenaphthene	85.9	U	85.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	89.4	U	89.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.3	U	91.3	180	ug/Kg
84-66-2	Diethylphthalate	84.9	U	84.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.7	U	90.7	180	ug/Kg
86-73-7	Fluorene	90.6	U	90.6	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	86.5	U	86.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.6	U	83.6	180	ug/Kg
118-74-1	Hexachlorobenzene	90.1	U	90.1	180	ug/Kg
1912-24-9	Atrazine	96.8	U	96.8	180	ug/Kg
87-86-5	Pentachlorophenol	81.9	U	81.9	350	ug/Kg
85-01-8	Phenanthrene	89.0	U	89.0	180	ug/Kg
120-12-7	Anthracene	89.4	U	89.4	180	ug/Kg
86-74-8	Carbazole	85.1	U	85.1	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.3	U	89.3	180	ug/Kg
206-44-0	Fluoranthene	86.6	U	86.6	180	ug/Kg
129-00-0	Pyrene	93.5	J	87.9	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	85.5	U	85.5	180	ug/Kg
218-01-9	Chrysene	84.2	U	84.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.4	U	96.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.9	U	85.9	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	87.5	U	87.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.5	U	98.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.7	U	82.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.0	U	86.0	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.9	U	84.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.0	U	92.0	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.1	U	79.1	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	74.5		18 - 112	50%	SPK: 150
13127-88-3	Phenol-d6	72.6		15 - 107	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	49.7		18 - 107	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.9		20 - 109	56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	78.6		10 - 116	52%	SPK: 150
1718-51-0	Terphenyl-d14	61.5		10 - 105	61%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	114000	6.881
1146-65-2	Naphthalene-d8	389000	8.157
15067-26-2	Acenaphthene-d10	200000	9.916
1517-22-2	Phenanthrene-d10	348000	11.41
1719-03-5	Chrysene-d12	189000	14.069
1520-96-3	Perylene-d12	170000	15.586

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1400	JB	2.13	ug/Kg
	unknown5.093	210	J	5.09	ug/Kg
003404-61-3	1-Hexene, 3-methyl-	120	J	5.80	ug/Kg
054934-90-6	Cyclohexane, 1,1-(1-methylethylid	130	J	5.89	ug/Kg
075144-24-0	2-sec-Butyl-3-methyl-1-pentene	84.4	J	6.32	ug/Kg
063830-69-3	4-Nonene, 3-methyl-, (Z)-	340	J	6.42	ug/Kg
001839-88-9	Cyclohexane, 1,2,3-trimethyl-, (1.	97.5	J	6.66	ug/Kg

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000693-62-9	4-Undecene, (E)-	200	J		7.14	ug/Kg
025183-82-8	1-Cyclohexyl-2-methyl-prop-2-en-1-	120	J		7.30	ug/Kg
	unknown7.516	190	J		7.52	ug/Kg
1000152-47-3	trans-Decalin, 2-methyl-	130	J		7.68	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	140	J		7.80	ug/Kg
017302-36-2	5-Ethyldecane	96.8	J		8.21	ug/Kg
	unknown8.245	96.4	J		8.24	ug/Kg
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	170	J		8.36	ug/Kg
066660-42-2	cis, cis-3-Ethylbicyclo[4.4.0]deca	180	J		8.45	ug/Kg
061141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	150	J		8.60	ug/Kg
024949-42-6	6-Tridecene, 7-methyl-	99.2	J		8.70	ug/Kg
017453-94-0	Undecane, 5-ethyl-	120	J		8.84	ug/Kg
000119-61-9	Benzophenone	340	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