

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94.3
Sample Wt/Vol:	30.04 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
BF140310.D	1	11/08/24 09:45	11/08/24 20:14	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	88.6	U	88.6	180	ug/Kg
95-57-8	2-Chlorophenol	88.4	U	88.4	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	92.0	U	92.0	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	84.7	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	88.2	U	88.2	180	ug/Kg
105-60-2	Caprolactam	91.9	U	91.9	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	88.2	U	88.2	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	86.5	U	86.5	180	ug/Kg

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208-96-8	Acenaphthylene	310		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	150	J	89.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.3	U	91.3	180	ug/Kg
84-66-2	Diethylphthalate	84.8	U	84.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.7	U	90.7	180	ug/Kg
86-73-7	Fluorene	230		90.5	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	86.4	U	86.4	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.6	U	83.6	180	ug/Kg
118-74-1	Hexachlorobenzene	90.0	U	90.0	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	2200		89.0	180	ug/Kg
120-12-7	Anthracene	680		89.4	180	ug/Kg
86-74-8	Carbazole	110	J	85.0	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.3	U	89.3	180	ug/Kg
206-44-0	Fluoranthene	2800	E	86.5	180	ug/Kg
129-00-0	Pyrene	2300		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	1600		85.5	180	ug/Kg
218-01-9	Chrysene	1200		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	1200		85.9	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	590		87.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	1100		98.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400		82.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	86.0	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380		84.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.9	U	91.9	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	79.0		18 - 112	53%	SPK: 150
13127-88-3	Phenol-d6	75.2		15 - 107	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.5		18 - 107	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.8		20 - 109	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.5		10 - 116	54%	SPK: 150
1718-51-0	Terphenyl-d14	61.9		10 - 105	62%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	109000	6.881
1146-65-2	Naphthalene-d8	377000	8.157
15067-26-2	Acenaphthene-d10	191000	9.916
1517-22-2	Phenanthrene-d10	335000	11.41
1719-03-5	Chrysene-d12	199000	14.063
1520-96-3	Perylene-d12	181000	15.562

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	2100	JB	2.15	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	AB	5.09	ug/Kg
000108-38-3	Benzene, 1,3-dimethyl-	110	J	5.73	ug/Kg
000111-84-2	Nonane	100	J	5.79	ug/Kg
000124-18-5	Decane	140	J	6.71	ug/Kg
000575-37-1	Naphthalene, 1,7-dimethyl-	98.8	J	9.50	ug/Kg
000581-40-8	Naphthalene, 2,3-dimethyl-	130	J	9.57	ug/Kg

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000829-26-5	Naphthalene, 2,3,6-trimethyl-	120	J		10.3	ug/Kg
000119-61-9	Benzophenone	460	J		10.6	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	120	J		11.9	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	200	J		11.9	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J		12.0	ug/Kg
003674-66-6	Phenanthrene, 2,5-dimethyl-	90.4	J		12.5	ug/Kg
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	93.2	J		12.5	ug/Kg
002381-21-7	Pyrene, 1-methyl-	210	J		13.1	ug/Kg
003353-12-6	Pyrene, 4-methyl-	160	J		13.3	ug/Kg
000479-79-8	11H-Benzo[a]fluoren-11-one	140	J		13.7	ug/Kg
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	92.5	J		13.8	ug/Kg
000082-05-3	7H-Benz[de]anthracen-7-one	160	J		13.9	ug/Kg
000192-97-2	Benzo[e]pyrene	690	J		15.4	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