

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.05 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
BF140435.D	1	11/08/24 09:45	11/16/24 17:34	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	87.0	U	87.0	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.9	U	87.9	180	ug/Kg
95-57-8	2-Chlorophenol	87.7	U	87.7	180	ug/Kg
95-48-7	2-Methylphenol	84.6	U	84.6	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.4	U	95.4	180	ug/Kg
98-86-2	Acetophenone	91.2	U	91.2	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.8	U	83.8	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.3	U	42.3	84.0	ug/Kg
67-72-1	Hexachloroethane	87.1	U	87.1	180	ug/Kg
98-95-3	Nitrobenzene	95.3	U	95.3	180	ug/Kg
78-59-1	Isophorone	88.8	U	88.8	180	ug/Kg
88-75-5	2-Nitrophenol	99.2	U	99.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.8	U	97.8	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.1	U	90.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.3	U	79.3	180	ug/Kg
91-20-3	Naphthalene	86.7	U	86.7	180	ug/Kg
106-47-8	4-Chloroaniline	86.7	U	86.7	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.4	U	87.4	180	ug/Kg
105-60-2	Caprolactam	91.1	U	91.1	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.4	U	81.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.6	U	86.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.0	U	75.0	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.7	U	77.7	180	ug/Kg
92-52-4	1,1-Biphenyl	91.8	U	91.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.4	U	87.4	180	ug/Kg
88-74-4	2-Nitroaniline	99.7	U	99.7	180	ug/Kg
131-11-3	Dimethylphthalate	85.8	U	85.8	180	ug/Kg

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208-96-8	Acenaphthylene	90.8	U	90.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.3	U	87.3	180	ug/Kg
99-09-2	3-Nitroaniline	93.6	U	93.6	180	ug/Kg
83-32-9	Acenaphthene	85.1	U	85.1	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	88.6	U	88.6	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.5	U	90.5	180	ug/Kg
84-66-2	Diethylphthalate	84.1	U	84.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.9	U	89.9	180	ug/Kg
86-73-7	Fluorene	89.8	U	89.8	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	85.7	U	85.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.8	U	82.8	180	ug/Kg
118-74-1	Hexachlorobenzene	89.2	U	89.2	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	520		88.2	180	ug/Kg
120-12-7	Anthracene	160	J	88.6	180	ug/Kg
86-74-8	Carbazole	84.3	U	84.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.5	U	88.5	180	ug/Kg
206-44-0	Fluoranthene	2000		85.8	180	ug/Kg
129-00-0	Pyrene	2000		87.1	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	1900		84.7	180	ug/Kg
218-01-9	Chrysene	1500		83.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.5	U	95.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		85.1	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	870		86.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	1600		97.6	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	570		82.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230		85.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	570		84.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.1	U	91.1	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.4	U	78.4	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	64.8		18 - 112	43%	SPK: 150
13127-88-3	Phenol-d6	62.6		15 - 107	42%	SPK: 150
4165-60-0	Nitrobenzene-d5	44.1		18 - 107	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.9		20 - 109	49%	SPK: 100
118-79-6	2,4,6-Tribromophenol	59.0		10 - 116	39%	SPK: 150
1718-51-0	Terphenyl-d14	41.5		10 - 105	41%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	117000	6.875
1146-65-2	Naphthalene-d8	433000	8.151
15067-26-2	Acenaphthene-d10	228000	9.91
1517-22-2	Phenanthrene-d10	371000	11.398
1719-03-5	Chrysene-d12	238000	14.045
1520-96-3	Perylene-d12	217000	15.533

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1500	JB	2.12	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	88.2	AB	5.09	ug/Kg
000119-61-9	Benzophenone	270	J	10.6	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	180	J	11.9	ug/Kg
000613-12-7	Anthracene, 2-methyl-	280	J	11.9	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	100	J	12.0	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	540	J	12.0	ug/Kg

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000612-94-2	Naphthalene, 2-phenyl-	120	J		12.2	ug/Kg
000781-43-1	9,10-Dimethylanthracene	180	J		12.5	ug/Kg
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	170	J		12.5	ug/Kg
	unknown12.539	100	J		12.5	ug/Kg
002381-21-7	Pyrene, 1-methyl-	120	J		13.1	ug/Kg
033543-31-6	Fluoranthene, 2-methyl-	210	J		13.2	ug/Kg
000243-17-4	11H-Benzo[b]fluorene	120	J		13.2	ug/Kg
003442-78-2	Pyrene, 2-methyl-	120	J		13.3	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	110	J		13.5	ug/Kg
002498-76-2	Benz[a]anthracene, 2-methyl-	90.6	J		14.4	ug/Kg
000192-97-2	Benzo[e]pyrene	270	J		15.2	ug/Kg
000198-55-0	Perylene	1100	J		15.4	ug/Kg
000215-58-7	Benzo[b]triphenylene	170	J		17.2	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