

Hit Summary Sheet SW-846

SDG No.: P4768
Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-3-1								
P4768-01	B-3-1	SOIL	Pyrene	93.500	J	87.9	180	ug/Kg
			Total Svoc :	93.50				
P4768-01	B-3-1	SOIL	1-Cyclohexyl-2-methyl-prop-2-en *	120.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	1-Hexene, 3-methyl- *	120.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	2-sec-Butyl-3-methyl-1-pentene *	84.400	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	4-Nonene, 3-methyl-, (Z)- *	340.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	4-Undecene, (E)- *	200.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	5-Ethyldecane *	96.800	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	6-Tridecene, 7-methyl- *	99.200	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Benzophenone *	340.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Butane, 2-methoxy-2-methyl- *	1,400.000	JB	0	0	ug/Kg
P4768-01	B-3-1	SOIL	cis, cis-3-Ethylbicyclo[4.4.0]deca *	180.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,1-(1-methylethyl) *	130.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,2,3-trimethyl-, (1. *	97.500	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,2-diethyl-3-methyl *	150.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 2-butyl-1,1,3-trimethyl *	170.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Naphthalene, decahydro-2-methyl *	140.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	trans-Decalin, 2-methyl- *	130.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Undecane, 5-ethyl- *	120.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	unknown5.093 *	210.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	unknown7.516 *	190.000	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	unknown8.245 *	96.400	J	0	0	ug/Kg
			Total Tics :	4,414.30				
			Total Concentration:	4,507.80				
Client ID : B-3-2								
P4768-02	B-3-2	SOIL	Phenanthrene	520.000		88.2	180	ug/Kg
P4768-02	B-3-2	SOIL	Anthracene	160.000	J	88.6	180	ug/Kg
P4768-02	B-3-2	SOIL	Fluoranthene	2,000.000		85.8	180	ug/Kg
P4768-02	B-3-2	SOIL	Pyrene	2,000.000		87.1	180	ug/Kg
P4768-02	B-3-2	SOIL	Benzo(a)anthracene	1,900.000		84.7	180	ug/Kg
P4768-02	B-3-2	SOIL	Chrysene	1,500.000		83.5	180	ug/Kg
P4768-02	B-3-2	SOIL	Benzo(b)fluoranthene	1,800.000		85.1	180	ug/Kg
P4768-02	B-3-2	SOIL	Benzo(k)fluoranthene	870.000		86.7	180	ug/Kg
P4768-02	B-3-2	SOIL	Benzo(a)pyrene	1,600.000		97.6	180	ug/Kg
P4768-02	B-3-2	SOIL	Indeno(1,2,3-cd)pyrene	570.000		82	180	ug/Kg
P4768-02	B-3-2	SOIL	Dibenzo(a,h)anthracene	230.000		85.2	180	ug/Kg
P4768-02	B-3-2	SOIL	Benzo(g,h,i)perylene	570.000		84.1	180	ug/Kg

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	13,720.00				
P4768-02	B-3-2	SOIL	11H-Benzo[b]fluorene	*	120.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	88.200	AB 0	0	ug/Kg
P4768-02	B-3-2	SOIL	4H-Cyclopenta[def]phenanthrene	*	540.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	9,10-Dimethylanthracene	*	180.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	9-Octadecenamide, (Z)-	*	110.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Pyrene, 1-methyl-	*	120.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Pyrene, 2-methyl-	*	120.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Pyrene, 4,5,9,10-tetrahydro-	*	170.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	unknown12.539	*	100.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Anthracene, 2-methyl-	*	280.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Benz[a]anthracene, 2-methyl-	*	90.600	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Benzo[b]triphenylene	*	170.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Benzo[e]pyrene	*	270.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Benzophenone	*	270.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Butane, 2-methoxy-2-methyl-	*	1,500.000	JB 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Fluoranthene, 2-methyl-	*	210.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Naphthalene, 2-phenyl-	*	120.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Perylene	*	1,100.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Phenanthrene, 1-methyl-	*	180.000	J 0	0	ug/Kg
P4768-02	B-3-2	SOIL	Phenanthrene, 2-methyl-	*	100.000	J 0	0	ug/Kg
			Total Tics :	5,838.80				
			Total Concentration:	19,558.80				
Client ID : B-3-3								
P4768-03	B-3-3	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	AB 0	0	ug/Kg
P4768-03	B-3-3	SOIL	9-Octadecenamide, (Z)-	*	490.000	J 0	0	ug/Kg
P4768-03	B-3-3	SOIL	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	78.700	J 0	0	ug/Kg
P4768-03	B-3-3	SOIL	Benzophenone	*	350.000	J 0	0	ug/Kg
P4768-03	B-3-3	SOIL	Butane, 2-methoxy-2-methyl-	*	2,200.000	JB 0	0	ug/Kg
P4768-03	B-3-3	SOIL	n-Hexadecanoic acid	*	210.000	J 0	0	ug/Kg
P4768-03	B-3-3	SOIL	Tetradecane	*	74.000	J 0	0	ug/Kg
P4768-03	B-3-3	SOIL	Tridecane	*	80.900	J 0	0	ug/Kg
			Total Tics :	3,613.60				
			Total Concentration:	3,613.60				
Client ID : B-4								
P4768-04	B-4	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	AB 0	0	ug/Kg
P4768-04	B-4	SOIL	9-Octadecenamide, (Z)-	*	320.000	J 0	0	ug/Kg
P4768-04	B-4	SOIL	Benzophenone	*	230.000	J 0	0	ug/Kg
P4768-04	B-4	SOIL	Cyclohexane, 1,3,5-trimethyl-, (1.	*	110.000	J 0	0	ug/Kg

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Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4768-04	B-4	SOIL	Cyclohexane, 1-bromo-3-methyl-	* 69.900	J	0	0	ug/Kg
P4768-04	B-4	SOIL	Cyclohexane, 1-ethyl-2-methyl-	* 83.900	J	0	0	ug/Kg
P4768-04	B-4	SOIL	Cyclopentane, (2-methylpropyl)-	* 88.800	J	0	0	ug/Kg
P4768-04	B-4	SOIL	Decane	* 150.000	J	0	0	ug/Kg
P4768-04	B-4	SOIL	n-Hexadecanoic acid	* 120.000	J	0	0	ug/Kg
P4768-04	B-4	SOIL	Nonane	* 160.000	J	0	0	ug/Kg
Total Tics :				1,442.60				
Total Concentration:				1,442.60				

Client ID : B-5

P4768-05	B-5	SOIL	1-Cyclohexyl-2-methyl-prop-2-en	* 180.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	2-Decene, 4-methyl-, (Z)-	* 280.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	2-Undecene, 4-methyl-	* 250.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	4-Octene, 2,6-dimethyl-, [S-(E)]-	* 490.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	7-Tetradecyne	* 170.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Benzophenone	* 450.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Butane, 2-methoxy-2-methyl-	* 2,100.000	JB	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 1,1,3-trimethyl-	* 230.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 2,4-diethyl-1-methyl-	* 370.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 2-butyl-1,1,3-trimethyl-	* 370.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclooctane, 1-methyl-3-propyl-	* 160.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Dodecane, 2,7,10-trimethyl-	* 230.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Ketone, methyl 2,2,3-trimethylcyclo-	* 260.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Naphthalene, decahydro-2-methyl-	* 270.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	trans, cis-2-Ethylbicyclo[4.4.0]de-	* 410.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	trans-4a-Methyl-decahydronaphth-	* 270.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown6.651	* 170.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown8.022	* 180.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown8.239	* 200.000	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown8.833	* 280.000	J	0	0	ug/Kg
Total Tics :				7,320.00				
Total Concentration:				7,320.00				

Client ID : B-6-2

P4768-06	B-6-2	SOIL	Acenaphthylene	310.000		91.6	180	ug/Kg
P4768-06	B-6-2	SOIL	Dibenzofuran	150.000	J	89.4	180	ug/Kg
P4768-06	B-6-2	SOIL	Fluorene	230.000		90.5	180	ug/Kg
P4768-06	B-6-2	SOIL	Phenanthrene	2,200.000		89	180	ug/Kg
P4768-06	B-6-2	SOIL	Anthracene	680.000		89.4	180	ug/Kg
P4768-06	B-6-2	SOIL	Carbazole	110.000	J	85	180	ug/Kg
P4768-06	B-6-2	SOIL	Fluoranthene	2,800.000	E	86.5	180	ug/Kg

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4768-06	B-6-2	SOIL	Pyrene	2,300.000		87.9	180	ug/Kg
P4768-06	B-6-2	SOIL	Benzo(a)anthracene	1,600.000		85.5	180	ug/Kg
P4768-06	B-6-2	SOIL	Chrysene	1,200.000		84.2	180	ug/Kg
P4768-06	B-6-2	SOIL	Benzo(b)fluoranthene	1,200.000		85.9	180	ug/Kg
P4768-06	B-6-2	SOIL	Benzo(k)fluoranthene	590.000		87.5	180	ug/Kg
P4768-06	B-6-2	SOIL	Benzo(a)pyrene	1,100.000		98.5	180	ug/Kg
P4768-06	B-6-2	SOIL	Indeno(1,2,3-cd)pyrene	400.000		82.7	180	ug/Kg
P4768-06	B-6-2	SOIL	Dibenzo(a,h)anthracene	150.000	J	86	180	ug/Kg
P4768-06	B-6-2	SOIL	Benzo(g,h,i)perylene	380.000		84.8	180	ug/Kg
Total Svoc :				15,400.00				
P4768-06	B-6-2	SOIL	Decane	*	140.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Naphthalene, 1,7-dimethyl-	*	98.800	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Naphthalene, 2,3,6-trimethyl-	*	120.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Naphthalene, 2,3-dimethyl-	*	130.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Nonane	*	100.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Phenanthrene, 1-methyl-	*	200.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Phenanthrene, 2,5-dimethyl-	*	90.400	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Phenanthrene, 2-methyl-	*	120.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Pyrene, 1-methyl-	*	210.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Pyrene, 4,5,9,10-tetrahydro-	*	93.200	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Pyrene, 4-methyl-	*	160.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	11H-Benzo[a]fluoren-11-one	*	140.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	AB	0	ug/Kg
P4768-06	B-6-2	SOIL	4H-Cyclopenta[def]phenanthrene	*	230.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	7H-Benz[de]anthracen-7-one	*	160.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Benzene, 1,3-dimethyl-	*	110.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Benzo[b]naphtho[2,1-d]thiophene	*	92.500	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Benzo[e]pyrene	*	690.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Benzophenone	*	460.000	J	0	ug/Kg
P4768-06	B-6-2	SOIL	Butane, 2-methoxy-2-methyl-	*	2,100.000	JB	0	ug/Kg
Total Tics :				5,554.90				
Total Concentration:				20,954.90				

Client ID : B-6-2DL

P4768-06DL	B-6-2DL	SOIL	Acenaphthylene	240.000	JD	180	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Fluorene	220.000	JD	180	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Phenanthrene	2,200.000	D	180	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Anthracene	660.000	D	180	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Fluoranthene	2,800.000	D	170	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Pyrene	2,100.000	D	180	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Benzo(a)anthracene	1,600.000	D	170	360	ug/Kg

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SDG No.: P4768
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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4768-06DL	B-6-2DL	SOIL	Chrysene	1,200.000	D	170	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Benzo(b)fluoranthene	1,300.000	D	170	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Benzo(k)fluoranthene	550.000	D	170	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Benzo(a)pyrene	1,100.000	D	200	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Indeno(1,2,3-cd)pyrene	420.000	D	170	360	ug/Kg
P4768-06DL	B-6-2DL	SOIL	Benzo(g,h,i)perylene	400.000	D	170	360	ug/Kg
Total Svoc :				14,790.00				
Total Concentration:				14,790.00				
Client ID :	B-6-3							
P4768-07	B-6-3	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	130.000	AB	0	0	ug/Kg
P4768-07	B-6-3	SOIL	9-Octadecenamide, (Z)- *	200.000	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Benzophenone *	400.000	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Butane, 2-methoxy-2-methyl- *	2,300.000	JB	0	0	ug/Kg
P4768-07	B-6-3	SOIL	n-Hexadecanoic acid *	330.000	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Propane, 1,1-dimethoxy- *	78.900	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Supraene *	240.000	J	0	0	ug/Kg
Total Tics :				3,678.90				
Total Concentration:				3,678.90				



SAMPLE DATA

A

B

C

D

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

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)
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

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)
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

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)
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

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

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)
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

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)
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

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)
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

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	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
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

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	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
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)
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

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	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
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)
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

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	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
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)
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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.08 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
BF140438.D	1	11/08/24 09:45	11/16/24 18:53	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	86.9	U	86.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.8	U	87.8	180	ug/Kg
95-57-8	2-Chlorophenol	87.6	U	87.6	180	ug/Kg
95-48-7	2-Methylphenol	84.5	U	84.5	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.3	U	95.3	180	ug/Kg
98-86-2	Acetophenone	91.1	U	91.1	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.7	U	83.7	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.3	U	42.3	83.9	ug/Kg
67-72-1	Hexachloroethane	87.0	U	87.0	180	ug/Kg
98-95-3	Nitrobenzene	95.2	U	95.2	180	ug/Kg
78-59-1	Isophorone	88.7	U	88.7	180	ug/Kg
88-75-5	2-Nitrophenol	99.1	U	99.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.7	U	97.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.0	U	90.0	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.2	U	79.2	180	ug/Kg
91-20-3	Naphthalene	86.6	U	86.6	180	ug/Kg
106-47-8	4-Chloroaniline	86.6	U	86.6	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.4	U	87.4	180	ug/Kg
105-60-2	Caprolactam	91.0	U	91.0	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.3	U	81.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.5	U	86.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.9	U	74.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.6	U	77.6	180	ug/Kg
92-52-4	1,1-Biphenyl	91.7	U	91.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.4	U	87.4	180	ug/Kg
88-74-4	2-Nitroaniline	99.6	U	99.6	180	ug/Kg
131-11-3	Dimethylphthalate	85.7	U	85.7	180	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.08 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
BF140438.D	1	11/08/24 09:45	11/16/24 18:53	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	90.7	U	90.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.3	U	87.3	180	ug/Kg
99-09-2	3-Nitroaniline	93.5	U	93.5	180	ug/Kg
83-32-9	Acenaphthene	85.1	U	85.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	88.5	U	88.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.4	U	90.4	180	ug/Kg
84-66-2	Diethylphthalate	84.0	U	84.0	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.8	U	89.8	180	ug/Kg
86-73-7	Fluorene	89.7	U	89.7	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	85.6	U	85.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.7	U	82.7	180	ug/Kg
118-74-1	Hexachlorobenzene	89.1	U	89.1	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	88.1	U	88.1	180	ug/Kg
120-12-7	Anthracene	88.5	U	88.5	180	ug/Kg
86-74-8	Carbazole	84.2	U	84.2	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.4	U	88.4	180	ug/Kg
206-44-0	Fluoranthene	85.7	U	85.7	180	ug/Kg
129-00-0	Pyrene	87.0	U	87.0	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	84.6	U	84.6	180	ug/Kg
218-01-9	Chrysene	83.4	U	83.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.4	U	95.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.1	U	85.1	180	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.08 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
BF140438.D	1	11/08/24 09:45	11/16/24 18:53	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	86.6	U	86.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.5	U	97.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.9	U	81.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.2	U	85.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.0	U	84.0	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.0	U	91.0	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.3	U	78.3	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	57.0		18 - 112	38%	SPK: 150
13127-88-3	Phenol-d6	55.0		15 - 107	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	38.0		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.2		20 - 109	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	46.5		10 - 116	31%	SPK: 150
1718-51-0	Terphenyl-d14	40.5		10 - 105	40%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	127000	6.875	
1146-65-2	Naphthalene-d8	465000	8.151	
15067-26-2	Acenaphthene-d10	232000	9.91	
1517-22-2	Phenanthrene-d10	359000	11.398	
1719-03-5	Chrysene-d12	228000	14.045	
1520-96-3	Perylene-d12	171000	15.551	

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	AB	5.09	ug/Kg
001795-26-2	Cyclohexane, 1,3,5-trimethyl-, (1.	110	J	5.29	ug/Kg
013905-48-1	Cyclohexane, 1-bromo-3-methyl-	69.9	J	5.69	ug/Kg
000111-84-2	Nonane	160	J	5.78	ug/Kg
003728-54-9	Cyclohexane, 1-ethyl-2-methyl-	83.9	J	5.90	ug/Kg
003788-32-7	Cyclopentane, (2-methylpropyl)-	88.8	J	6.12	ug/Kg
000124-18-5	Decane	150	J	6.70	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-4	SDG No.:	P4768
Lab Sample ID:	P4768-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.1
Sample Wt/Vol:	30.08 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
BF140438.D	1	11/08/24 09:45	11/16/24 18:53	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000119-61-9	Benzophenone	230	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	120	J		11.9	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	320	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

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

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)
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

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)
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

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)
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

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

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)
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

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)
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

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)
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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2DL	SDG No.:	P4768
Lab Sample ID:	P4768-06DL	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
BF140378.D	2	11/08/24 09:45	11/14/24 22:20	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	390	UD	390	700	ug/Kg
108-95-2	Phenol	180	UD	180	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	UD	180	360	ug/Kg
95-57-8	2-Chlorophenol	180	UD	180	360	ug/Kg
95-48-7	2-Methylphenol	170	UD	170	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	UD	190	360	ug/Kg
98-86-2	Acetophenone	180	UD	180	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	UD	170	700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	85.4	UD	85.4	170	ug/Kg
67-72-1	Hexachloroethane	180	UD	180	360	ug/Kg
98-95-3	Nitrobenzene	190	UD	190	360	ug/Kg
78-59-1	Isophorone	180	UD	180	360	ug/Kg
88-75-5	2-Nitrophenol	200	UD	200	360	ug/Kg
105-67-9	2,4-Dimethylphenol	200	UD	200	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	UD	180	360	ug/Kg
120-83-2	2,4-Dichlorophenol	160	UD	160	360	ug/Kg
91-20-3	Naphthalene	170	UD	170	360	ug/Kg
106-47-8	4-Chloroaniline	170	UD	170	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	UD	180	360	ug/Kg
105-60-2	Caprolactam	180	UD	180	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	UD	160	360	ug/Kg
91-57-6	2-Methylnaphthalene	170	UD	170	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	UD	330	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	UD	150	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	UD	160	360	ug/Kg
92-52-4	1,1-Biphenyl	190	UD	190	360	ug/Kg
91-58-7	2-Chloronaphthalene	180	UD	180	360	ug/Kg
88-74-4	2-Nitroaniline	200	UD	200	360	ug/Kg
131-11-3	Dimethylphthalate	170	UD	170	360	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2DL	SDG No.:	P4768
Lab Sample ID:	P4768-06DL	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
BF140378.D	2	11/08/24 09:45	11/14/24 22:20	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	240	JD	180	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	UD	180	360	ug/Kg
99-09-2	3-Nitroaniline	190	UD	190	360	ug/Kg
83-32-9	Acenaphthene	170	UD	170	360	ug/Kg
51-28-5	2,4-Dinitrophenol	510	UD	510	700	ug/Kg
100-02-7	4-Nitrophenol	250	UD	250	700	ug/Kg
132-64-9	Dibenzofuran	180	UD	180	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	UD	180	360	ug/Kg
84-66-2	Diethylphthalate	170	UD	170	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	UD	180	360	ug/Kg
86-73-7	Fluorene	220	JD	180	360	ug/Kg
100-01-6	4-Nitroaniline	230	UD	230	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	UD	250	700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	UD	170	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	UD	170	360	ug/Kg
118-74-1	Hexachlorobenzene	180	UD	180	360	ug/Kg
1912-24-9	Atrazine	190	UD	190	360	ug/Kg
87-86-5	Pentachlorophenol	160	UD	160	700	ug/Kg
85-01-8	Phenanthrene	2200	D	180	360	ug/Kg
120-12-7	Anthracene	660	D	180	360	ug/Kg
86-74-8	Carbazole	170	UD	170	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	UD	180	360	ug/Kg
206-44-0	Fluoranthene	2800	D	170	360	ug/Kg
129-00-0	Pyrene	2100	D	180	360	ug/Kg
85-68-7	Butylbenzylphthalate	210	UD	210	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	UD	210	700	ug/Kg
56-55-3	Benzo(a)anthracene	1600	D	170	360	ug/Kg
218-01-9	Chrysene	1200	D	170	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	UD	190	360	ug/Kg
117-84-0	Di-n-octyl phthalate	230	UD	230	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	D	170	360	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2DL	SDG No.:	P4768
Lab Sample ID:	P4768-06DL	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
BF140378.D	2	11/08/24 09:45	11/14/24 22:20	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	550	D	170	360	ug/Kg
50-32-8	Benzo(a)pyrene	1100	D	200	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420	D	170	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	UD	170	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400	D	170	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	UD	180	360	ug/Kg
123-91-1	1,4-Dioxane	230	UD	230	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	UD	160	360	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	80.9		18 - 112	54%	SPK: 150
13127-88-3	Phenol-d6	78.5		15 - 107	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.3		18 - 107	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.1		20 - 109	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	60.8		10 - 116	41%	SPK: 150
1718-51-0	Terphenyl-d14	54.5		10 - 105	55%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	135000	6.875			
1146-65-2	Naphthalene-d8	505000	8.157			
15067-26-2	Acenaphthene-d10	233000	9.91			
1517-22-2	Phenanthrene-d10	350000	11.398			
1719-03-5	Chrysene-d12	247000	14.051			
1520-96-3	Perylene-d12	180000	15.539			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.4
Sample Wt/Vol:	30.02 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
BF140486.D	1	11/08/24 09:45	11/19/24 20:47	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	86.8	U	86.8	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.7	U	87.7	180	ug/Kg
95-57-8	2-Chlorophenol	87.5	U	87.5	180	ug/Kg
95-48-7	2-Methylphenol	84.4	U	84.4	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.2	U	95.2	180	ug/Kg
98-86-2	Acetophenone	91.0	U	91.0	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.6	U	83.6	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.2	U	42.2	83.8	ug/Kg
67-72-1	Hexachloroethane	86.9	U	86.9	180	ug/Kg
98-95-3	Nitrobenzene	95.1	U	95.1	180	ug/Kg
78-59-1	Isophorone	88.6	U	88.6	180	ug/Kg
88-75-5	2-Nitrophenol	99.0	U	99.0	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.6	U	97.6	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	89.9	U	89.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.1	U	79.1	180	ug/Kg
91-20-3	Naphthalene	86.5	U	86.5	180	ug/Kg
106-47-8	4-Chloroaniline	86.5	U	86.5	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.3	U	87.3	180	ug/Kg
105-60-2	Caprolactam	90.9	U	90.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.2	U	81.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.4	U	86.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.8	U	74.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.5	U	77.5	180	ug/Kg
92-52-4	1,1-Biphenyl	91.6	U	91.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.3	U	87.3	180	ug/Kg
88-74-4	2-Nitroaniline	99.5	U	99.5	180	ug/Kg
131-11-3	Dimethylphthalate	85.6	U	85.6	180	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.4
Sample Wt/Vol:	30.02 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
BF140486.D	1	11/08/24 09:45	11/19/24 20:47	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	90.6	U	90.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.2	U	87.2	180	ug/Kg
99-09-2	3-Nitroaniline	93.4	U	93.4	180	ug/Kg
83-32-9	Acenaphthene	85.0	U	85.0	180	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	88.4	U	88.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.3	U	90.3	180	ug/Kg
84-66-2	Diethylphthalate	83.9	U	83.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.7	U	89.7	180	ug/Kg
86-73-7	Fluorene	89.6	U	89.6	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	85.5	U	85.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.6	U	82.6	180	ug/Kg
118-74-1	Hexachlorobenzene	89.0	U	89.0	180	ug/Kg
1912-24-9	Atrazine	95.7	U	95.7	180	ug/Kg
87-86-5	Pentachlorophenol	81.0	U	81.0	350	ug/Kg
85-01-8	Phenanthrene	88.0	U	88.0	180	ug/Kg
120-12-7	Anthracene	88.4	U	88.4	180	ug/Kg
86-74-8	Carbazole	84.1	U	84.1	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.3	U	88.3	180	ug/Kg
206-44-0	Fluoranthene	85.6	U	85.6	180	ug/Kg
129-00-0	Pyrene	86.9	U	86.9	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	84.5	U	84.5	180	ug/Kg
218-01-9	Chrysene	83.3	U	83.3	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.3	U	95.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.0	U	85.0	180	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.4
Sample Wt/Vol:	30.02 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
BF140486.D	1	11/08/24 09:45	11/19/24 20:47	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	86.5	U	86.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.4	U	97.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.8	U	81.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.1	U	85.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83.9	U	83.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	90.9	U	90.9	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.2	U	78.2	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	91.7		18 - 112	61%	SPK: 150
13127-88-3	Phenol-d6	87.5		15 - 107	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.6		18 - 107	66%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.7		20 - 109	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	85.4		10 - 116	57%	SPK: 150
1718-51-0	Terphenyl-d14	72.6		10 - 105	73%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	128000	6.875	
1146-65-2	Naphthalene-d8	442000	8.151	
15067-26-2	Acenaphthene-d10	205000	9.91	
1517-22-2	Phenanthrene-d10	338000	11.398	
1719-03-5	Chrysene-d12	205000	14.045	
1520-96-3	Perylene-d12	164000	15.533	

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	2300	JB	2.16	ug/Kg
004744-10-9	Propane, 1,1-dimethoxy-	78.9	J	2.27	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	AB	5.10	ug/Kg
000119-61-9	Benzophenone	400	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	330	J	11.9	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	200	J	13.5	ug/Kg
007683-64-9	Supraene	240	J	14.9	ug/Kg

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-3	SDG No.:	P4768
Lab Sample ID:	P4768-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.4
Sample Wt/Vol:	30.02 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
BF140486.D	1	11/08/24 09:45	11/19/24 20:47	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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

LAB CHRONICLE

OrderID:	P4768	OrderDate:	11/7/2024 1:45:00 PM
Client:	JPCL Engineering	Project:	Trenton Youth Wrestling
Contact:	Paul Rotondi	Location:	L23,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4768-01	B-3-1	SOIL	SVOC-TCL BNA -20	8270E	11/07/24	11/08/24	11/08/24	11/07/24
P4768-02	B-3-2	SOIL	SVOC-TCL BNA -20	8270E	11/07/24	11/08/24	11/16/24	11/07/24
P4768-03	B-3-3	SOIL	SVOC-TCL BNA -20	8270E	11/07/24	11/08/24	11/19/24	11/07/24
P4768-04	B-4	SOIL	SVOC-TCL BNA -20	8270E	11/07/24	11/08/24	11/16/24	11/07/24
P4768-05	B-5	SOIL	SVOC-TCL BNA -20	8270E	11/07/24	11/08/24	11/20/24	11/07/24
P4768-06	B-6-2	SOIL	SVOC-TCL BNA -20	8270E	11/07/24	11/08/24	11/08/24	11/07/24
P4768-06DL	B-6-2DL	SOIL	SVOC-TCL BNA -20	8270E	11/07/24	11/08/24	11/14/24	11/07/24
P4768-07	B-6-3	SOIL	SVOC-TCL BNA -20	8270E	11/07/24	11/08/24	11/19/24	11/07/24