

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)
------------	-----------	-------	-----------	-----	------------	-------------------

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