

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	Ethyl Benzene	17.8		1.20	10.0	ug/Kg
P4768-01	B-3-1	SOIL	m/p-Xylenes	73.3		2.70	20.0	ug/Kg
P4768-01	B-3-1	SOIL	o-Xylene	22.5		1.40	10.0	ug/Kg
			Total Voc :			114		
P4768-01	B-3-1	SOIL	Decane	* 31.6	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,3,5-trimethyl-	* 12.5	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Octane, 3-methyl-	* 14.0	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,1,3-trimethyl-	* 13.1	J	0	0	ug/Kg
P4768-01	B-3-1	SOIL	Cyclohexane, 1,2,4-trimethyl-,	* 36.8	J	0	0	ug/Kg
			Total Tics :			108		
			Total Concentration:			222		
Client ID:	B-3-2							
P4768-02	B-3-2	SOIL	Ethyl Benzene	9.20		0.69	5.50	ug/Kg
P4768-02	B-3-2	SOIL	m/p-Xylenes	41.5		1.50	11.1	ug/Kg
P4768-02	B-3-2	SOIL	o-Xylene	11.9		0.78	5.50	ug/Kg
			Total Voc :			62.6		
P4768-02	B-3-2	SOIL	unknown11.213	* 11.5	J	0	0	ug/Kg
P4768-02	B-3-2	SOIL	Decane	* 10.3	J	0	0	ug/Kg
			Total Tics :			21.8		
			Total Concentration:			84.4		
Client ID:	B-3-3							
P4768-03	B-3-3	SOIL	Ethyl Benzene	1.80	J	0.60	4.90	ug/Kg
P4768-03	B-3-3	SOIL	m/p-Xylenes	8.10	J	1.30	9.70	ug/Kg
P4768-03	B-3-3	SOIL	o-Xylene	2.60	J	0.68	4.90	ug/Kg
			Total Voc :			12.5		
			Total Concentration:			12.5		
Client ID:	B-5							
P4768-05	B-5	SOIL	Acetone	16.7	J	8.40	33.7	ug/Kg
			Total Voc :			16.7		
P4768-05	B-5	SOIL	unknown12.231	* 49.0	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown12.652	* 64.3	J	0	0	ug/Kg
P4768-05	B-5	SOIL	unknown12.871	* 39.5	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Naphthalene, decahydro-2-metl	* 58.3	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 1,1,3-trimethyl-	* 76.1	J	0	0	ug/Kg
P4768-05	B-5	SOIL	2-Octene, 2,6-dimethyl-	* 120	J	0	0	ug/Kg
P4768-05	B-5	SOIL	1-Dodecanol, 3,7,11-trimethyl-	* 59.3	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 1,1,2,3-tetrameth	* 54.5	J	0	0	ug/Kg

Hit Summary Sheet SW-846

SDG No.: P4768

Client: JPCL Engineering

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4768-05	B-5	SOIL	Cyclooctene, 1,2-dimethyl-	* 59.3	J	0	0	ug/Kg
P4768-05	B-5	SOIL	Cyclohexane, 2-butyl-1,1,3-trin	* 45.2	J	0	0	ug/Kg
P4768-05	B-5	SOIL	sec-Butylbenzene	* 4.30	J	0.90	6.70	ug/Kg
			Total Tics :		630			
			Total Concentration:		647			
Client ID:	B-6-2							
P4768-06	B-6-2	SOIL	m/p-Xylenes	4.40	J	3.10	22.9	ug/Kg
			Total Voc :		4.40			
			Total Concentration:		4.40			
Client ID:	B-6-3							
P4768-07	B-6-3	SOIL	Acetone	13.4	J	6.20	24.7	ug/Kg
P4768-07	B-6-3	SOIL	Toluene	1.50	J	0.66	4.90	ug/Kg
P4768-07	B-6-3	SOIL	Ethyl Benzene	29.3		0.61	4.90	ug/Kg
P4768-07	B-6-3	SOIL	m/p-Xylenes	130		1.30	9.90	ug/Kg
P4768-07	B-6-3	SOIL	o-Xylene	44.4		0.69	4.90	ug/Kg
			Total Voc :		219			
P4768-07	B-6-3	SOIL	Decane	* 40.8	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Cyclohexane, ethyl-	* 9.70	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Cyclohexane, (2-methylpropyl)	* 8.90	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Cyclohexane, 1,3,5-trimethyl-,	* 15.8	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Octane, 3-methyl-	* 24.9	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Cyclohexane, 1,2,4-trimethyl-	* 60.7	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Decane, 4-methyl-	* 10.1	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Cyclohexane, 1,1,3-trimethyl-	* 18.6	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	Heptane, 2,3-dimethyl-	* 8.90	J	0	0	ug/Kg
P4768-07	B-6-3	SOIL	1-Ethyl-4-methylcyclohexane	* 13.4	J	0	0	ug/Kg
			Total Tics :		212			
			Total Concentration:		430			



SAMPLE DATA

A

B

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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:	SW8260	% Solid:	94.2
Sample Wt/Vol:	2.65 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020243.D	1		11/11/24 13:15	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.30	U	3.30	10.0	ug/Kg
74-87-3	Chloromethane	2.30	U	2.30	10.0	ug/Kg
75-01-4	Vinyl Chloride	1.50	U	1.50	10.0	ug/Kg
74-83-9	Bromomethane	2.10	U	2.10	10.0	ug/Kg
75-00-3	Chloroethane	2.00	U	2.00	10.0	ug/Kg
75-69-4	Trichlorofluoromethane	1.80	U	1.80	10.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.10	U	2.10	10.0	ug/Kg
75-35-4	1,1-Dichloroethene	1.60	U	1.60	10.0	ug/Kg
67-64-1	Acetone	12.5	U	12.5	50.1	ug/Kg
75-15-0	Carbon Disulfide	2.60	U	2.60	10.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.30	U	1.30	10.0	ug/Kg
79-20-9	Methyl Acetate	3.60	U	3.60	10.0	ug/Kg
75-09-2	Methylene Chloride	6.80	U	6.80	20.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.70	U	1.70	10.0	ug/Kg
75-34-3	1,1-Dichloroethane	1.30	U	1.30	10.0	ug/Kg
110-82-7	Cyclohexane	1.40	U	1.40	10.0	ug/Kg
78-93-3	2-Butanone	11.4	U	11.4	50.1	ug/Kg
56-23-5	Carbon Tetrachloride	1.70	U	1.70	10.0	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.20	U	1.20	10.0	ug/Kg
74-97-5	Bromochloromethane	4.80	U	4.80	10.0	ug/Kg
67-66-3	Chloroform	1.30	U	1.30	10.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.60	U	1.60	10.0	ug/Kg
108-87-2	Methylcyclohexane	1.70	U	1.70	10.0	ug/Kg
71-43-2	Benzene	1.40	U	1.40	10.0	ug/Kg
107-06-2	1,2-Dichloroethane	1.20	U	1.20	10.0	ug/Kg
79-01-6	Trichloroethene	1.50	U	1.50	10.0	ug/Kg
78-87-5	1,2-Dichloropropane	1.30	U	1.30	10.0	ug/Kg
75-27-4	Bromodichloromethane	1.10	U	1.10	10.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	8.70	U	8.70	50.1	ug/Kg
108-88-3	Toluene	1.30	U	1.30	10.0	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-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.2
Sample Wt/Vol:	2.65	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	Final Vol:	5000
Prep Method :	ID : 0.25	Test:	VOC-TCLVOA-10
		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020243.D	1		11/11/24 13:15	VY111124

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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:	SW8260	% Solid:	94.2
Sample Wt/Vol:	2.65 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020243.D	1		11/11/24 13:15	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
001839-63-0	Cyclohexane, 1,3,5-trimethyl-	12.5	J		10.9	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	13.1	J		11.0	ug/Kg
007667-60-9	Cyclohexane, 1,2,4-trimethyl-, (1.	36.8	J		11.2	ug/Kg
002216-33-3	Octane, 3-methyl-	14.0	J		11.3	ug/Kg
000124-18-5	Decane	31.6	J		12.7	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:	SW8260	% Solid:	95.1
Sample Wt/Vol:	4.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020244.D	1		11/11/24 13:38	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.80	U	1.80	5.50	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.50	ug/Kg
75-01-4	Vinyl Chloride	0.85	U	0.85	5.50	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.50	ug/Kg
75-00-3	Chloroethane	1.10	U	1.10	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.00	U	1.00	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	0.87	U	0.87	5.50	ug/Kg
67-64-1	Acetone	6.90	U	6.90	27.7	ug/Kg
75-15-0	Carbon Disulfide	1.40	U	1.40	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.74	U	0.74	5.50	ug/Kg
79-20-9	Methyl Acetate	2.00	U	2.00	5.50	ug/Kg
75-09-2	Methylene Chloride	3.80	U	3.80	11.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.93	U	0.93	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.70	U	0.70	5.50	ug/Kg
110-82-7	Cyclohexane	0.77	U	0.77	5.50	ug/Kg
78-93-3	2-Butanone	6.30	U	6.30	27.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.68	U	0.68	5.50	ug/Kg
74-97-5	Bromochloromethane	2.70	U	2.70	5.50	ug/Kg
67-66-3	Chloroform	0.74	U	0.74	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.87	U	0.87	5.50	ug/Kg
108-87-2	Methylcyclohexane	0.97	U	0.97	5.50	ug/Kg
71-43-2	Benzene	0.80	U	0.80	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.68	U	0.68	5.50	ug/Kg
79-01-6	Trichloroethene	0.83	U	0.83	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	0.73	U	0.73	5.50	ug/Kg
75-27-4	Bromodichloromethane	0.62	U	0.62	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.80	U	4.80	27.7	ug/Kg
108-88-3	Toluene	0.74	U	0.74	5.50	ug/Kg

A

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File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020244.D	1		11/11/24 13:38	VY111124

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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:	SW8260	% Solid:	95.1
Sample Wt/Vol:	4.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020244.D	1		11/11/24 13:38	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
	unknown11.213	11.5	J		11.2	ug/Kg
000124-18-5	Decane	10.3	J		12.7	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:	SW8260	% Solid:	91.8
Sample Wt/Vol:	5.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020245.D	1		11/11/24 14:02	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.60	U	1.60	4.90	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.90	ug/Kg
75-01-4	Vinyl Chloride	0.75	U	0.75	4.90	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.90	ug/Kg
75-00-3	Chloroethane	0.98	U	0.98	4.90	ug/Kg
75-69-4	Trichlorofluoromethane	0.89	U	0.89	4.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.76	U	0.76	4.90	ug/Kg
67-64-1	Acetone	6.10	U	6.10	24.4	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.65	U	0.65	4.90	ug/Kg
79-20-9	Methyl Acetate	1.80	U	1.80	4.90	ug/Kg
75-09-2	Methylene Chloride	3.30	U	3.30	9.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.82	U	0.82	4.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.61	U	0.61	4.90	ug/Kg
110-82-7	Cyclohexane	0.67	U	0.67	4.90	ug/Kg
78-93-3	2-Butanone	5.50	U	5.50	24.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.85	U	0.85	4.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.59	U	0.59	4.90	ug/Kg
74-97-5	Bromochloromethane	2.40	U	2.40	4.90	ug/Kg
67-66-3	Chloroform	0.65	U	0.65	4.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.76	U	0.76	4.90	ug/Kg
108-87-2	Methylcyclohexane	0.85	U	0.85	4.90	ug/Kg
71-43-2	Benzene	0.70	U	0.70	4.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.59	U	0.59	4.90	ug/Kg
79-01-6	Trichloroethene	0.73	U	0.73	4.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.64	U	0.64	4.90	ug/Kg
75-27-4	Bromodichloromethane	0.55	U	0.55	4.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.20	U	4.20	24.4	ug/Kg
108-88-3	Toluene	0.65	U	0.65	4.90	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:	SW8260	% Solid:	91.8
Sample Wt/Vol:	5.59	Units: g	Final Vol: 5000 uL
Soil Aliquot Vol:		uL	Test: VOC-TCLVOA-10
GC Column:	RXI-624	ID : 0.25	Level : LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020245.D	1		11/11/24 14:02	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.58	U	0.58	4.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	4.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.82	U	0.82	4.90	ug/Kg
591-78-6	2-Hexanone	4.70	U	4.70	24.4	ug/Kg
124-48-1	Dibromochloromethane	0.63	U	0.63	4.90	ug/Kg
106-93-4	1,2-Dibromoethane	0.77	U	0.77	4.90	ug/Kg
127-18-4	Tetrachloroethene	0.87	U	0.87	4.90	ug/Kg
108-90-7	Chlorobenzene	0.72	U	0.72	4.90	ug/Kg
100-41-4	Ethyl Benzene	1.80	J	0.60	4.90	ug/Kg
179601-23-1	m/p-Xylenes	8.10	J	1.30	9.70	ug/Kg
95-47-6	o-Xylene	2.60	J	0.68	4.90	ug/Kg
100-42-5	Styrene	0.58	U	0.58	4.90	ug/Kg
75-25-2	Bromoform	0.79	U	0.79	4.90	ug/Kg
98-82-8	Isopropylbenzene	0.65	U	0.65	4.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.72	U	0.72	4.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.78	U	0.78	4.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.57	U	0.57	4.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.77	U	0.77	4.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.76	U	0.76	4.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.2		50 - 163	120%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		54 - 147	106%	SPK: 50
2037-26-5	Toluene-d8	49.7		58 - 134	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		29 - 146	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	183000	7.713			
540-36-3	1,4-Difluorobenzene	391000	8.616			
3114-55-4	Chlorobenzene-d5	365000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	130000	13.347			

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:	SW8260	% Solid:	91.8
Sample Wt/Vol:	5.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020245.D	1		11/11/24 14:02	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

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:	SW8260	% Solid:	95.1
Sample Wt/Vol:	4.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020370.D	1		11/20/24 19:22	VY112024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.90	U	1.90	5.80	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	5.80	ug/Kg
75-01-4	Vinyl Chloride	0.90	U	0.90	5.80	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.80	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	5.80	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	5.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	5.80	ug/Kg
75-35-4	1,1-Dichloroethene	0.91	U	0.91	5.80	ug/Kg
67-64-1	Acetone	7.30	U	7.30	29.2	ug/Kg
75-15-0	Carbon Disulfide	1.50	U	1.50	5.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.78	U	0.78	5.80	ug/Kg
79-20-9	Methyl Acetate	2.10	U	2.10	5.80	ug/Kg
75-09-2	Methylene Chloride	4.00	U	4.00	11.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.98	U	0.98	5.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.74	U	0.74	5.80	ug/Kg
110-82-7	Cyclohexane	0.81	U	0.81	5.80	ug/Kg
78-93-3	2-Butanone	6.60	U	6.60	29.2	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.71	U	0.71	5.80	ug/Kg
74-97-5	Bromochloromethane	2.80	U	2.80	5.80	ug/Kg
67-66-3	Chloroform	0.78	U	0.78	5.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.91	U	0.91	5.80	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.80	ug/Kg
71-43-2	Benzene	0.84	U	0.84	5.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.71	U	0.71	5.80	ug/Kg
79-01-6	Trichloroethene	0.88	U	0.88	5.80	ug/Kg
78-87-5	1,2-Dichloropropane	0.77	U	0.77	5.80	ug/Kg
75-27-4	Bromodichloromethane	0.65	U	0.65	5.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.10	U	5.10	29.2	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.80	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:	SW8260	% Solid:	95.1
Sample Wt/Vol:	4.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020370.D	1		11/20/24 19:22	VY112024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.70	U	0.70	5.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.67	U	0.67	5.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.98	U	0.98	5.80	ug/Kg
591-78-6	2-Hexanone	5.60	U	5.60	29.2	ug/Kg
124-48-1	Dibromochloromethane	0.76	U	0.76	5.80	ug/Kg
106-93-4	1,2-Dibromoethane	0.92	U	0.92	5.80	ug/Kg
127-18-4	Tetrachloroethene	1.00	U	1.00	5.80	ug/Kg
108-90-7	Chlorobenzene	0.86	U	0.86	5.80	ug/Kg
100-41-4	Ethyl Benzene	0.72	U	0.72	5.80	ug/Kg
179601-23-1	m/p-Xylenes	1.60	U	1.60	11.7	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.80	ug/Kg
100-42-5	Styrene	0.70	U	0.70	5.80	ug/Kg
75-25-2	Bromoform	0.95	U	0.95	5.80	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.86	U	0.86	5.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.93	U	0.93	5.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.69	U	0.69	5.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.92	U	0.92	5.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.91	U	0.91	5.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		50 - 163	108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		54 - 147	100%	SPK: 50
2037-26-5	Toluene-d8	48.9		58 - 134	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		29 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	142000	7.707			
540-36-3	1,4-Difluorobenzene	269000	8.615			
3114-55-4	Chlorobenzene-d5	254000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	98400	13.346			

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:	SW8260	% Solid:	95.1
Sample Wt/Vol:	4.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020370.D	1		11/20/24 19:22	VY112024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

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:	SW8260	% Solid:	90
Sample Wt/Vol:	4.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020247.D	1		11/11/24 14:49	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	6.70	ug/Kg
74-87-3	Chloromethane	1.60	U	1.60	6.70	ug/Kg
75-01-4	Vinyl Chloride	1.00	U	1.00	6.70	ug/Kg
74-83-9	Bromomethane	1.40	U	1.40	6.70	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	6.70	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	6.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1.40	6.70	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	6.70	ug/Kg
67-64-1	Acetone	16.7	J	8.40	33.7	ug/Kg
75-15-0	Carbon Disulfide	1.70	U	1.70	6.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.90	U	0.90	6.70	ug/Kg
79-20-9	Methyl Acetate	2.40	U	2.40	6.70	ug/Kg
75-09-2	Methylene Chloride	4.60	U	4.60	13.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.85	U	0.85	6.70	ug/Kg
110-82-7	Cyclohexane	0.93	U	0.93	6.70	ug/Kg
78-93-3	2-Butanone	7.70	U	7.70	33.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.20	U	1.20	6.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.82	U	0.82	6.70	ug/Kg
74-97-5	Bromochloromethane	3.30	U	3.30	6.70	ug/Kg
67-66-3	Chloroform	0.90	U	0.90	6.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	6.70	ug/Kg
108-87-2	Methylcyclohexane	1.20	U	1.20	6.70	ug/Kg
71-43-2	Benzene	0.97	U	0.97	6.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.82	U	0.82	6.70	ug/Kg
79-01-6	Trichloroethene	1.00	U	1.00	6.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.89	U	0.89	6.70	ug/Kg
75-27-4	Bromodichloromethane	0.76	U	0.76	6.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.90	U	5.90	33.7	ug/Kg
108-88-3	Toluene	0.90	U	0.90	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-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	4.12	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	Final Vol:	5000
Prep Method :	ID : 0.25	Test:	VOC-TCLVOA-10
		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020247.D	1		11/11/24 14:49	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.81	U	0.81	6.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.77	U	0.77	6.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	6.70	ug/Kg
591-78-6	2-Hexanone	6.50	U	6.50	33.7	ug/Kg
124-48-1	Dibromochloromethane	0.88	U	0.88	6.70	ug/Kg
106-93-4	1,2-Dibromoethane	1.10	U	1.10	6.70	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	6.70	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	6.70	ug/Kg
100-41-4	Ethyl Benzene	0.84	U	0.84	6.70	ug/Kg
179601-23-1	m/p-Xylenes	1.80	U	1.80	13.5	ug/Kg
95-47-6	o-Xylene	0.94	U	0.94	6.70	ug/Kg
100-42-5	Styrene	0.81	U	0.81	6.70	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.70	ug/Kg
98-82-8	Isopropylbenzene	0.90	U	0.90	6.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1.50	6.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.00	U	1.00	6.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.10	U	1.10	6.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.80	U	0.80	6.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	2.10	6.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.10	U	1.10	6.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.10	U	1.10	6.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.5		50 - 163	123%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		54 - 147	105%	SPK: 50
2037-26-5	Toluene-d8	51.2		58 - 134	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.6		29 - 146	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	174000	7.713			
540-36-3	1,4-Difluorobenzene	369000	8.616			
3114-55-4	Chlorobenzene-d5	365000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	145000	13.347			

TENTATIVE IDENTIFIED COMPOUNDS

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:	SW8260	% Solid:	90
Sample Wt/Vol:	4.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020247.D	1		11/11/24 14:49	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	76.1	J		11.0	ug/Kg
006750-34-1	1-Dodecanol, 3,7,11-trimethyl-	59.3	J		12.1	ug/Kg
	unknown12.231	49.0	J		12.2	ug/Kg
004057-42-5	2-Octene, 2,6-dimethyl-	120	J		12.6	ug/Kg
	unknown12.652	64.3	J		12.7	ug/Kg
006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	54.5	J		12.7	ug/Kg
	unknown12.871	39.5	J		12.9	ug/Kg
135-98-8	sec-Butylbenzene	4.30	J		13.2	ug/Kg
054299-96-6	Cyclooctene, 1,2-dimethyl-	59.3	J		13.7	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	58.3	J		14.2	ug/Kg
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	45.2	J		15.0	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:	SW8260	% Solid:	94.3
Sample Wt/Vol:	2.32 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020248.D	1		11/11/24 15:12	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.80	U	3.80	11.4	ug/Kg
74-87-3	Chloromethane	2.70	U	2.70	11.4	ug/Kg
75-01-4	Vinyl Chloride	1.80	U	1.80	11.4	ug/Kg
74-83-9	Bromomethane	2.40	U	2.40	11.4	ug/Kg
75-00-3	Chloroethane	2.30	U	2.30	11.4	ug/Kg
75-69-4	Trichlorofluoromethane	2.10	U	2.10	11.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.40	U	2.40	11.4	ug/Kg
75-35-4	1,1-Dichloroethene	1.80	U	1.80	11.4	ug/Kg
67-64-1	Acetone	14.3	U	14.3	57.1	ug/Kg
75-15-0	Carbon Disulfide	2.90	U	2.90	11.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.50	U	1.50	11.4	ug/Kg
79-20-9	Methyl Acetate	4.10	U	4.10	11.4	ug/Kg
75-09-2	Methylene Chloride	7.80	U	7.80	22.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.90	U	1.90	11.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.40	U	1.40	11.4	ug/Kg
110-82-7	Cyclohexane	1.60	U	1.60	11.4	ug/Kg
78-93-3	2-Butanone	13.0	U	13.0	57.1	ug/Kg
56-23-5	Carbon Tetrachloride	2.00	U	2.00	11.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.40	U	1.40	11.4	ug/Kg
74-97-5	Bromochloromethane	5.50	U	5.50	11.4	ug/Kg
67-66-3	Chloroform	1.50	U	1.50	11.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.80	U	1.80	11.4	ug/Kg
108-87-2	Methylcyclohexane	2.00	U	2.00	11.4	ug/Kg
71-43-2	Benzene	1.60	U	1.60	11.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.40	U	1.40	11.4	ug/Kg
79-01-6	Trichloroethene	1.70	U	1.70	11.4	ug/Kg
78-87-5	1,2-Dichloropropane	1.50	U	1.50	11.4	ug/Kg
75-27-4	Bromodichloromethane	1.30	U	1.30	11.4	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9.90	U	9.90	57.1	ug/Kg
108-88-3	Toluene	1.50	U	1.50	11.4	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:	SW8260	% Solid:	94.3
Sample Wt/Vol:	2.32 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020248.D	1		11/11/24 15:12	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.40	U	1.40	11.4	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.30	U	1.30	11.4	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.90	U	1.90	11.4	ug/Kg
591-78-6	2-Hexanone	10.9	U	10.9	57.1	ug/Kg
124-48-1	Dibromochloromethane	1.50	U	1.50	11.4	ug/Kg
106-93-4	1,2-Dibromoethane	1.80	U	1.80	11.4	ug/Kg
127-18-4	Tetrachloroethene	2.00	U	2.00	11.4	ug/Kg
108-90-7	Chlorobenzene	1.70	U	1.70	11.4	ug/Kg
100-41-4	Ethyl Benzene	1.40	U	1.40	11.4	ug/Kg
179601-23-1	m/p-Xylenes	4.40	J	3.10	22.9	ug/Kg
95-47-6	o-Xylene	1.60	U	1.60	11.4	ug/Kg
100-42-5	Styrene	1.40	U	1.40	11.4	ug/Kg
75-25-2	Bromoform	1.90	U	1.90	11.4	ug/Kg
98-82-8	Isopropylbenzene	1.50	U	1.50	11.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.50	U	2.50	11.4	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	11.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.80	11.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.30	U	1.30	11.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.60	U	3.60	11.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.80	U	1.80	11.4	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.80	U	1.80	11.4	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.1		50 - 163	114%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		54 - 147	104%	SPK: 50
2037-26-5	Toluene-d8	48.9		58 - 134	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.0		29 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	190000	7.713			
540-36-3	1,4-Difluorobenzene	400000	8.616			
3114-55-4	Chlorobenzene-d5	366000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	128000	13.346			

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:	SW8260	% Solid:	94.3
Sample Wt/Vol:	2.32 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020248.D	1		11/11/24 15:12	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

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:	SW8260	% Solid:	95.4
Sample Wt/Vol:	5.3 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020249.D	1		11/11/24 15:35	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.60	U	1.60	4.90	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.90	ug/Kg
75-01-4	Vinyl Chloride	0.76	U	0.76	4.90	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.90	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	4.90	ug/Kg
75-69-4	Trichlorofluoromethane	0.90	U	0.90	4.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	4.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.77	U	0.77	4.90	ug/Kg
67-64-1	Acetone	13.4	J	6.20	24.7	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	4.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.66	U	0.66	4.90	ug/Kg
79-20-9	Methyl Acetate	1.80	U	1.80	4.90	ug/Kg
75-09-2	Methylene Chloride	3.40	U	3.40	9.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.83	U	0.83	4.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.62	U	0.62	4.90	ug/Kg
110-82-7	Cyclohexane	0.68	U	0.68	4.90	ug/Kg
78-93-3	2-Butanone	5.60	U	5.60	24.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.86	U	0.86	4.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.60	U	0.60	4.90	ug/Kg
74-97-5	Bromochloromethane	2.40	U	2.40	4.90	ug/Kg
67-66-3	Chloroform	0.66	U	0.66	4.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.77	U	0.77	4.90	ug/Kg
108-87-2	Methylcyclohexane	0.86	U	0.86	4.90	ug/Kg
71-43-2	Benzene	0.71	U	0.71	4.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.60	U	0.60	4.90	ug/Kg
79-01-6	Trichloroethene	0.74	U	0.74	4.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.65	U	0.65	4.90	ug/Kg
75-27-4	Bromodichloromethane	0.55	U	0.55	4.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.30	U	4.30	24.7	ug/Kg
108-88-3	Toluene	1.50	J	0.66	4.90	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:	SW8260	% Solid:	95.4
Sample Wt/Vol:	5.3	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	Test:	VOC-TCLVOA-10
	ID :	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020249.D	1		11/11/24 15:35	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.59	U	0.59	4.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	4.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.83	U	0.83	4.90	ug/Kg
591-78-6	2-Hexanone	4.70	U	4.70	24.7	ug/Kg
124-48-1	Dibromochloromethane	0.64	U	0.64	4.90	ug/Kg
106-93-4	1,2-Dibromoethane	0.78	U	0.78	4.90	ug/Kg
127-18-4	Tetrachloroethene	0.88	U	0.88	4.90	ug/Kg
108-90-7	Chlorobenzene	0.73	U	0.73	4.90	ug/Kg
100-41-4	Ethyl Benzene	29.3		0.61	4.90	ug/Kg
179601-23-1	m/p-Xylenes	130		1.30	9.90	ug/Kg
95-47-6	o-Xylene	44.4		0.69	4.90	ug/Kg
100-42-5	Styrene	0.59	U	0.59	4.90	ug/Kg
75-25-2	Bromoform	0.80	U	0.80	4.90	ug/Kg
98-82-8	Isopropylbenzene	0.66	U	0.66	4.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.73	U	0.73	4.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.79	U	0.79	4.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.58	U	0.58	4.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.78	U	0.78	4.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.77	U	0.77	4.90	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.8	50 - 163	122%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3	54 - 147	105%	SPK: 50
2037-26-5	Toluene-d8	50.6	58 - 134	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8	29 - 146	102%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	182000	7.713
540-36-3	1,4-Difluorobenzene	390000	8.616
3114-55-4	Chlorobenzene-d5	372000	11.414
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.346

TENTATIVE IDENTIFIED COMPOUNDS

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:	SW8260	% Solid:	95.4
Sample Wt/Vol:	5.3 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020249.D	1		11/11/24 15:35	VY111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
001795-27-3	Cyclohexane, 1,3,5-trimethyl-, (1.	15.8	J		10.9	ug/Kg
001678-91-7	Cyclohexane, ethyl-	9.70	J		11.0	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	18.6	J		11.0	ug/Kg
003074-71-3	Heptane, 2,3-dimethyl-	8.90	J		11.1	ug/Kg
002234-75-5	Cyclohexane, 1,2,4-trimethyl-	60.7	J		11.2	ug/Kg
002216-33-3	Octane, 3-methyl-	24.9	J		11.3	ug/Kg
003728-56-1	1-Ethyl-4-methylcyclohexane	13.4	J		11.7	ug/Kg
000124-18-5	Decane	40.8	J		12.7	ug/Kg
002847-72-5	Decane, 4-methyl-	10.1	J		13.0	ug/Kg
001678-98-4	Cyclohexane, (2-methylpropyl)-	8.90	J		13.2	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

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	VOC-TCLVOA-10	8260D	11/07/24		11/11/24	11/07/24
P4768-02	B-3-2	SOIL	VOC-TCLVOA-10	8260D	11/07/24		11/11/24	11/07/24
P4768-03	B-3-3	SOIL	VOC-TCLVOA-10	8260D	11/07/24		11/11/24	11/07/24
P4768-04	B-4	SOIL	VOC-TCLVOA-10	8260D	11/07/24		11/20/24	11/07/24
P4768-05	B-5	SOIL	VOC-TCLVOA-10	8260D	11/07/24		11/11/24	11/07/24
P4768-06	B-6-2	SOIL	VOC-TCLVOA-10	8260D	11/07/24		11/11/24	11/07/24
P4768-07	B-6-3	SOIL	VOC-TCLVOA-10	8260D	11/07/24		11/11/24	11/07/24