

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

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10061-02-6	t-1,3-Dichloropropene	0.67	U	0.67	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.63	U	0.63	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.93	U	0.93	5.50	ug/Kg
591-78-6	2-Hexanone	5.30	U	5.30	27.7	ug/Kg
124-48-1	Dibromochloromethane	0.72	U	0.72	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.50	ug/Kg
127-18-4	Tetrachloroethene	0.99	U	0.99	5.50	ug/Kg
108-90-7	Chlorobenzene	0.82	U	0.82	5.50	ug/Kg
100-41-4	Ethyl Benzene	9.20		0.69	5.50	ug/Kg
179601-23-1	m/p-Xylenes	41.5		1.50	11.1	ug/Kg
95-47-6	o-Xylene	11.9		0.78	5.50	ug/Kg
100-42-5	Styrene	0.67	U	0.67	5.50	ug/Kg
75-25-2	Bromoform	0.90	U	0.90	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.74	U	0.74	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.89	U	0.89	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.65	U	0.65	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1.70	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.88	U	0.88	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.87	U	0.87	5.50	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	56.5	50 - 163	113%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4	54 - 147	105%	SPK: 50
2037-26-5	Toluene-d8	49.8	58 - 134	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9	29 - 146	96%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	173000	7.713
540-36-3	1,4-Difluorobenzene	360000	8.616
3114-55-4	Chlorobenzene-d5	335000	11.414
3855-82-1	1,4-Dichlorobenzene-d4	118000	13.346

TENTATIVE IDENTIFIED COMPOUNDS

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	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