

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

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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

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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