

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

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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

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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