

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc		Date Collected:	10/09/25
Project:	Con Edison Richmond Terrace		Date Received:	10/09/25
Client Sample ID:	SED-03-0-2		SDG No.:	Q3323
Lab Sample ID:	Q3323-03		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	71.6
Sample Wt/Vol:	8.75	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:	Date Analyzed	Prep Batch ID
VY023436.D	1	10/10/25 14:03	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.91	U	0.91	4.00	ug/Kg
74-87-3	Chloromethane	0.91	U	0.91	4.00	ug/Kg
75-01-4	Vinyl Chloride	0.63	U	0.63	4.00	ug/Kg
74-83-9	Bromomethane	0.85	U	0.85	4.00	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	4.00	ug/Kg
75-69-4	Trichlorofluoromethane	0.97	U	0.97	4.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.85	U	0.85	4.00	ug/Kg
75-35-4	1,1-Dichloroethene	0.80	U	0.80	4.00	ug/Kg
67-64-1	Acetone	16.4	J	3.80	20.0	ug/Kg
75-15-0	Carbon Disulfide	3.00	J	0.85	4.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.58	U	0.58	4.00	ug/Kg
79-20-9	Methyl Acetate	1.20	U	1.20	4.00	ug/Kg
75-09-2	Methylene Chloride	3.80	J	2.80	8.00	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.69	U	0.69	4.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.64	U	0.64	4.00	ug/Kg
110-82-7	Cyclohexane	0.63	U	0.63	4.00	ug/Kg
78-93-3	2-Butanone	5.20	U	5.20	20.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.77	U	0.77	4.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.60	U	0.60	4.00	ug/Kg
74-97-5	Bromochloromethane	0.92	U	0.92	4.00	ug/Kg
67-66-3	Chloroform	0.67	U	0.67	4.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.74	U	0.74	4.00	ug/Kg
108-87-2	Methylcyclohexane	0.73	U	0.73	4.00	ug/Kg
71-43-2	Benzene	0.63	U	0.63	4.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.63	U	0.63	4.00	ug/Kg
79-01-6	Trichloroethene	0.65	U	0.65	4.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.73	U	0.73	4.00	ug/Kg
75-27-4	Bromodichloromethane	0.62	U	0.62	4.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.90	U	2.90	20.0	ug/Kg
108-88-3	Toluene	0.62	U	0.62	4.00	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	0.52	U	0.52	4.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.49	U	0.49	4.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.73	U	0.73	4.00	ug/Kg
591-78-6	2-Hexanone	2.90	U	2.90	20.0	ug/Kg
124-48-1	Dibromochloromethane	0.69	U	0.69	4.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.70	U	0.70	4.00	ug/Kg
127-18-4	Tetrachloroethene	0.84	U	0.84	4.00	ug/Kg
108-90-7	Chlorobenzene	0.73	U	0.73	4.00	ug/Kg
100-41-4	Ethyl Benzene	0.53	U	0.53	4.00	ug/Kg
179601-23-1	m/p-Xylenes	0.99	U	0.99	8.00	ug/Kg
95-47-6	o-Xylene	0.65	U	0.65	4.00	ug/Kg
100-42-5	Styrene	0.57	U	0.57	4.00	ug/Kg
75-25-2	Bromoform	0.69	U	0.69	4.00	ug/Kg
98-82-8	Isopropylbenzene	0.62	U	0.62	4.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.97	U	0.97	4.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.40	U	1.40	4.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.20	U	1.20	4.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.20	U	1.20	4.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.40	U	2.40	4.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.50	U	2.50	4.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.9		63 - 155	118%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		70 - 134	106%	SPK: 50
2037-26-5	Toluene-d8	51.6		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.7		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	574000	7.713			
540-36-3	1,4-Difluorobenzene	1110000	8.616			
3114-55-4	Chlorobenzene-d5	1080000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	408000	13.346			

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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