

Hit Summary Sheet
SW-846

SDG No.: Q3323
Client: Langan Engineering and Environmental Services, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	SED-01-0-2							
Q3323-01	SED-01-0-2	SOIL	Acetone	17.2	J	5.40	28.6	ug/Kg
Q3323-01	SED-01-0-2	SOIL	Carbon Disulfide	4.60	J	1.20	5.70	ug/Kg
Q3323-01	SED-01-0-2	SOIL	Methylene Chloride	5.40	J	4.00	11.4	ug/Kg
			Total Voc :	27.2				
Q3323-01	SED-01-0-2	SOIL	Naphthalene, decahydro-2-metl *	16.0	J	0	0	ug/Kg
Q3323-01	SED-01-0-2	SOIL	Cyclohexane, 2-butyl-1,1,3-trin *	21.0	J	0	0	ug/Kg
			Total Tics :	37.0				
			Total Concentration:	64.2				
Client ID:	SED-02-0-2							
Q3323-02	SED-02-0-2	SOIL	Acetone	34.3	J	12.0	63.0	ug/Kg
Q3323-02	SED-02-0-2	SOIL	Carbon Disulfide	4.20	J	2.70	12.6	ug/Kg
Q3323-02	SED-02-0-2	SOIL	Methylene Chloride	9.70	J	8.90	25.2	ug/Kg
			Total Voc :	48.2				
Q3323-02	SED-02-0-2	SOIL	Naphthalene, decahydro-2-metl *	13.4	J	0	0	ug/Kg
Q3323-02	SED-02-0-2	SOIL	Cyclohexane, 2-butyl-1,1,3-trin *	14.0	J	0	0	ug/Kg
			Total Tics :	27.4				
			Total Concentration:	75.6				
Client ID:	SED-03-0-2							
Q3323-03	SED-03-0-2	SOIL	Acetone	16.4	J	3.80	20.0	ug/Kg
Q3323-03	SED-03-0-2	SOIL	Carbon Disulfide	3.00	J	0.85	4.00	ug/Kg
Q3323-03	SED-03-0-2	SOIL	Methylene Chloride	3.80	J	2.80	8.00	ug/Kg
			Total Voc :	23.2				
			Total Concentration:	23.2				
Client ID:	SED-04-0-2							
Q3323-04	SED-04-0-2	SOIL	Acetone	14.2	J	5.80	30.5	ug/Kg
Q3323-04	SED-04-0-2	SOIL	Carbon Disulfide	3.70	J	1.30	6.10	ug/Kg
			Total Voc :	17.9				
			Total Concentration:	17.9				
Client ID:	SED-05-0-2							
Q3323-05	SED-05-0-2	SOIL	Acetone	13.7	J	4.80	25.4	ug/Kg
Q3323-05	SED-05-0-2	SOIL	Carbon Disulfide	4.10	J	1.10	5.10	ug/Kg
Q3323-05	SED-05-0-2	SOIL	Methylene Chloride	4.40	J	3.60	10.2	ug/Kg
			Total Voc :	22.2				
Q3323-05	SED-05-0-2	SOIL	Naphthalene, decahydro-2-metl *	11.9	J	0	0	ug/Kg
Q3323-05	SED-05-0-2	SOIL	Cyclohexane, 1,3-dimethyl-2-n *	5.50	J	0	0	ug/Kg
			Total Tics :	17.4				
			Total Concentration:	39.6				
Client ID:	SED-06-0-2							

Hit Summary Sheet SW-846

SDG No.: Q3323

Client: Langan Engineering and Environmental Services, Inc

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3323-06	SED-06-0-2	SOIL	Acetone	8.50	J	3.80	20.0	ug/Kg
Q3323-06	SED-06-0-2	SOIL	Carbon Disulfide	1.40	J	0.85	4.00	ug/Kg
Q3323-06	SED-06-0-2	SOIL	Methylene Chloride	5.10	J	2.80	8.00	ug/Kg
			Total Voc :	15.0				
			Total Concentration:	15.0				
Client ID:	SED-07-0-2							
Q3323-07	SED-07-0-2	SOIL	Methylene Chloride	6.00	J	3.50	9.90	ug/Kg
			Total Voc :	6.00				
			Total Concentration:	6.00				



SAMPLE DATA

A

B

C

D

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-01-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	66.8	
Sample Wt/Vol:	6.55	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
VY023434.D	1	10/10/25 13:16	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	5.70	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.70	ug/Kg
75-01-4	Vinyl Chloride	0.90	U	0.90	5.70	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.70	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	5.70	ug/Kg
75-69-4	Trichlorofluoromethane	1.40	U	1.40	5.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.70	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.70	ug/Kg
67-64-1	Acetone	17.2	J	5.40	28.6	ug/Kg
75-15-0	Carbon Disulfide	4.60	J	1.20	5.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.83	U	0.83	5.70	ug/Kg
79-20-9	Methyl Acetate	1.80	U	1.80	5.70	ug/Kg
75-09-2	Methylene Chloride	5.40	J	4.00	11.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.98	U	0.98	5.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.91	U	0.91	5.70	ug/Kg
110-82-7	Cyclohexane	0.90	U	0.90	5.70	ug/Kg
78-93-3	2-Butanone	7.50	U	7.50	28.6	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.86	U	0.86	5.70	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.70	ug/Kg
67-66-3	Chloroform	0.96	U	0.96	5.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	5.70	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.70	ug/Kg
71-43-2	Benzene	0.90	U	0.90	5.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.90	U	0.90	5.70	ug/Kg
79-01-6	Trichloroethene	0.93	U	0.93	5.70	ug/Kg
78-87-5	1,2-Dichloropropane	1.00	U	1.00	5.70	ug/Kg
75-27-4	Bromodichloromethane	0.89	U	0.89	5.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.10	U	4.10	28.6	ug/Kg
108-88-3	Toluene	0.89	U	0.89	5.70	ug/Kg

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-01-0-2			SDG No.:	Q3323
Lab Sample ID:	Q3323-01			Matrix:	SOIL
Analytical Method:	8260D			% Solid:	66.8
Sample Wt/Vol:	6.55	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
VY023434.D	1	10/10/25 13:16	VY101025

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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-01-0-2	SDG No.:	Q3323
Lab Sample ID:	Q3323-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	66.8
Sample Wt/Vol:	6.55 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
VY023434.D	1	10/10/25 13:16	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
002958-76-1	Naphthalene, decahydro-2-methyl-	16.0	J		14.2	ug/Kg
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	21.0	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:	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-02-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	57.3	
Sample Wt/Vol:	3.46	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
VY023435.D	1	10/10/25 13:40	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.90	U	2.90	12.6	ug/Kg
74-87-3	Chloromethane	2.90	U	2.90	12.6	ug/Kg
75-01-4	Vinyl Chloride	2.00	U	2.00	12.6	ug/Kg
74-83-9	Bromomethane	2.70	U	2.70	12.6	ug/Kg
75-00-3	Chloroethane	3.20	U	3.20	12.6	ug/Kg
75-69-4	Trichlorofluoromethane	3.10	U	3.10	12.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.70	U	2.70	12.6	ug/Kg
75-35-4	1,1-Dichloroethene	2.50	U	2.50	12.6	ug/Kg
67-64-1	Acetone	34.3	J	12.0	63.0	ug/Kg
75-15-0	Carbon Disulfide	4.20	J	2.70	12.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.80	U	1.80	12.6	ug/Kg
79-20-9	Methyl Acetate	3.90	U	3.90	12.6	ug/Kg
75-09-2	Methylene Chloride	9.70	J	8.90	25.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.20	U	2.20	12.6	ug/Kg
75-34-3	1,1-Dichloroethane	2.00	U	2.00	12.6	ug/Kg
110-82-7	Cyclohexane	2.00	U	2.00	12.6	ug/Kg
78-93-3	2-Butanone	16.5	U	16.5	63.0	ug/Kg
56-23-5	Carbon Tetrachloride	2.40	U	2.40	12.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.90	U	1.90	12.6	ug/Kg
74-97-5	Bromochloromethane	2.90	U	2.90	12.6	ug/Kg
67-66-3	Chloroform	2.10	U	2.10	12.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.30	U	2.30	12.6	ug/Kg
108-87-2	Methylcyclohexane	2.30	U	2.30	12.6	ug/Kg
71-43-2	Benzene	2.00	U	2.00	12.6	ug/Kg
107-06-2	1,2-Dichloroethane	2.00	U	2.00	12.6	ug/Kg
79-01-6	Trichloroethene	2.00	U	2.00	12.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.30	U	2.30	12.6	ug/Kg
75-27-4	Bromodichloromethane	2.00	U	2.00	12.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9.00	U	9.00	63.0	ug/Kg
108-88-3	Toluene	2.00	U	2.00	12.6	ug/Kg

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-02-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	57.3	
Sample Wt/Vol:	3.46	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
VY023435.D	1	10/10/25 13:40	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.60	U	1.60	12.6	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.60	U	1.60	12.6	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.30	U	2.30	12.6	ug/Kg
591-78-6	2-Hexanone	9.30	U	9.30	63.0	ug/Kg
124-48-1	Dibromochloromethane	2.20	U	2.20	12.6	ug/Kg
106-93-4	1,2-Dibromoethane	2.20	U	2.20	12.6	ug/Kg
127-18-4	Tetrachloroethene	2.60	U	2.60	12.6	ug/Kg
108-90-7	Chlorobenzene	2.30	U	2.30	12.6	ug/Kg
100-41-4	Ethyl Benzene	1.70	U	1.70	12.6	ug/Kg
179601-23-1	m/p-Xylenes	3.10	U	3.10	25.2	ug/Kg
95-47-6	o-Xylene	2.10	U	2.10	12.6	ug/Kg
100-42-5	Styrene	1.80	U	1.80	12.6	ug/Kg
75-25-2	Bromoform	2.20	U	2.20	12.6	ug/Kg
98-82-8	Isopropylbenzene	2.00	U	2.00	12.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	3.10	U	3.10	12.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.30	U	4.30	12.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.90	U	3.90	12.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.70	U	3.70	12.6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.60	U	4.60	12.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	7.50	U	7.50	12.6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	8.00	U	8.00	12.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	63.0		63 - 155	126%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	54.1		74 - 123	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.8		17 - 146	120%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	567000	7.713			
540-36-3	1,4-Difluorobenzene	1090000	8.616			
3114-55-4	Chlorobenzene-d5	1150000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	533000	13.347			

TENTATIVE IDENTIFIED COMPOUNDS

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-02-0-2		SDG No.:	Q3323
Lab Sample ID:	Q3323-02		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	57.3
Sample Wt/Vol:	3.46	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
VY023435.D	1	10/10/25 13:40	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
002958-76-1	Naphthalene, decahydro-2-methyl-	13.4	J		14.2	ug/Kg
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	14.0	J		15.0	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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

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)
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			

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
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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:	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-04-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-04		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	70.2	
Sample Wt/Vol:	5.83	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
VY023437.D	1	10/10/25 14:27	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.40	U	1.40	6.10	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	6.10	ug/Kg
75-01-4	Vinyl Chloride	0.97	U	0.97	6.10	ug/Kg
74-83-9	Bromomethane	1.30	U	1.30	6.10	ug/Kg
75-00-3	Chloroethane	1.50	U	1.50	6.10	ug/Kg
75-69-4	Trichlorofluoromethane	1.50	U	1.50	6.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	6.10	ug/Kg
75-35-4	1,1-Dichloroethene	1.20	U	1.20	6.10	ug/Kg
67-64-1	Acetone	14.2	J	5.80	30.5	ug/Kg
75-15-0	Carbon Disulfide	3.70	J	1.30	6.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.89	U	0.89	6.10	ug/Kg
79-20-9	Methyl Acetate	1.90	U	1.90	6.10	ug/Kg
75-09-2	Methylene Chloride	4.30	U	4.30	12.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.98	U	0.98	6.10	ug/Kg
110-82-7	Cyclohexane	0.97	U	0.97	6.10	ug/Kg
78-93-3	2-Butanone	8.00	U	8.00	30.5	ug/Kg
56-23-5	Carbon Tetrachloride	1.20	U	1.20	6.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.92	U	0.92	6.10	ug/Kg
74-97-5	Bromochloromethane	1.40	U	1.40	6.10	ug/Kg
67-66-3	Chloroform	1.00	U	1.00	6.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	6.10	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	6.10	ug/Kg
71-43-2	Benzene	0.97	U	0.97	6.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.97	U	0.97	6.10	ug/Kg
79-01-6	Trichloroethene	0.99	U	0.99	6.10	ug/Kg
78-87-5	1,2-Dichloropropane	1.10	U	1.10	6.10	ug/Kg
75-27-4	Bromodichloromethane	0.95	U	0.95	6.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.40	U	4.40	30.5	ug/Kg
108-88-3	Toluene	0.95	U	0.95	6.10	ug/Kg

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-04-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-04		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	70.2	
Sample Wt/Vol:	5.83	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
VY023437.D	1	10/10/25 14:27	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.79	U	0.79	6.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.76	U	0.76	6.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	6.10	ug/Kg
591-78-6	2-Hexanone	4.50	U	4.50	30.5	ug/Kg
124-48-1	Dibromochloromethane	1.10	U	1.10	6.10	ug/Kg
106-93-4	1,2-Dibromoethane	1.10	U	1.10	6.10	ug/Kg
127-18-4	Tetrachloroethene	1.30	U	1.30	6.10	ug/Kg
108-90-7	Chlorobenzene	1.10	U	1.10	6.10	ug/Kg
100-41-4	Ethyl Benzene	0.82	U	0.82	6.10	ug/Kg
179601-23-1	m/p-Xylenes	1.50	U	1.50	12.2	ug/Kg
95-47-6	o-Xylene	1.00	U	1.00	6.10	ug/Kg
100-42-5	Styrene	0.87	U	0.87	6.10	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.10	ug/Kg
98-82-8	Isopropylbenzene	0.95	U	0.95	6.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1.50	6.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.10	U	2.10	6.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.90	U	1.90	6.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.80	U	1.80	6.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	2.20	6.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.60	U	3.60	6.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.90	U	3.90	6.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.2		63 - 155	112%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	50.9		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.0		17 - 146	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	548000	7.713			
540-36-3	1,4-Difluorobenzene	1010000	8.616			
3114-55-4	Chlorobenzene-d5	894000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	300000	13.346			

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-04-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-04		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	70.2	
Sample Wt/Vol:	5.83	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
VY023437.D	1	10/10/25 14:27	VY101025

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:	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-05-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-05		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	77.4	
Sample Wt/Vol:	6.35	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
VY023438.D	1	10/10/25 14:50	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.10	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.10	ug/Kg
75-01-4	Vinyl Chloride	0.80	U	0.80	5.10	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.10	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.10	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.10	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.10	ug/Kg
67-64-1	Acetone	13.7	J	4.80	25.4	ug/Kg
75-15-0	Carbon Disulfide	4.10	J	1.10	5.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.74	U	0.74	5.10	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.10	ug/Kg
75-09-2	Methylene Chloride	4.40	J	3.60	10.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.87	U	0.87	5.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.81	U	0.81	5.10	ug/Kg
110-82-7	Cyclohexane	0.80	U	0.80	5.10	ug/Kg
78-93-3	2-Butanone	6.70	U	6.70	25.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.99	U	0.99	5.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.76	U	0.76	5.10	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.10	ug/Kg
67-66-3	Chloroform	0.85	U	0.85	5.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.95	U	0.95	5.10	ug/Kg
108-87-2	Methylcyclohexane	0.93	U	0.93	5.10	ug/Kg
71-43-2	Benzene	0.80	U	0.80	5.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.80	U	0.80	5.10	ug/Kg
79-01-6	Trichloroethene	0.82	U	0.82	5.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.93	U	0.93	5.10	ug/Kg
75-27-4	Bromodichloromethane	0.79	U	0.79	5.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.4	ug/Kg
108-88-3	Toluene	0.79	U	0.79	5.10	ug/Kg

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-05-0-2			SDG No.:	Q3323
Lab Sample ID:	Q3323-05			Matrix:	SOIL
Analytical Method:	8260D			% Solid:	77.4
Sample Wt/Vol:	6.35	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
VY023438.D	1	10/10/25 14:50	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.66	U	0.66	5.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.63	U	0.63	5.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.94	U	0.94	5.10	ug/Kg
591-78-6	2-Hexanone	3.80	U	3.80	25.4	ug/Kg
124-48-1	Dibromochloromethane	0.89	U	0.89	5.10	ug/Kg
106-93-4	1,2-Dibromoethane	0.90	U	0.90	5.10	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.10	ug/Kg
108-90-7	Chlorobenzene	0.93	U	0.93	5.10	ug/Kg
100-41-4	Ethyl Benzene	0.68	U	0.68	5.10	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.2	ug/Kg
95-47-6	o-Xylene	0.83	U	0.83	5.10	ug/Kg
100-42-5	Styrene	0.72	U	0.72	5.10	ug/Kg
75-25-2	Bromoform	0.87	U	0.87	5.10	ug/Kg
98-82-8	Isopropylbenzene	0.79	U	0.79	5.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	5.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.1		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	52.3		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		17 - 146	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	602000	7.713			
540-36-3	1,4-Difluorobenzene	1140000	8.616			
3114-55-4	Chlorobenzene-d5	1100000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	418000	13.347			

TENTATIVE IDENTIFIED COMPOUNDS

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-05-0-2	SDG No.:	Q3323
Lab Sample ID:	Q3323-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	77.4
Sample Wt/Vol:	6.35 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
VY023438.D	1	10/10/25 14:50	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
019781-47-6	Cyclohexane, 1,3-dimethyl-2-methyl	5.50	J		13.7	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	11.9	J		14.2	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

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-06-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-06		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	80.8	
Sample Wt/Vol:	7.74	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:	Date Analyzed	Prep Batch ID
VY023439.D	1	10/10/25 15:13	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	0.86	U	0.86	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	8.50	J	3.80	20.0	ug/Kg
75-15-0	Carbon Disulfide	1.40	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	5.10	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	0.78	U	0.78	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

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-06-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-06		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	80.8	
Sample Wt/Vol:	7.74	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:	Date Analyzed	Prep Batch ID
VY023439.D	1	10/10/25 15:13	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.52	U	0.52	4.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	4.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.74	U	0.74	4.00	ug/Kg
591-78-6	2-Hexanone	3.00	U	3.00	20.0	ug/Kg
124-48-1	Dibromochloromethane	0.70	U	0.70	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	0.54	U	0.54	4.00	ug/Kg
179601-23-1	m/p-Xylenes	0.99	U	0.99	8.00	ug/Kg
95-47-6	o-Xylene	0.66	U	0.66	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	58.2		63 - 155	116%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	52.4		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.2		17 - 146	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	613000	7.713			
540-36-3	1,4-Difluorobenzene	1180000	8.616			
3114-55-4	Chlorobenzene-d5	1180000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	481000	13.346			

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-06-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-06		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	80.8	
Sample Wt/Vol:	7.74	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:	Date Analyzed	Prep Batch ID
VY023439.D	1	10/10/25 15:13	VY101025

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:	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-07-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-07		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81.2	
Sample Wt/Vol:	6.2	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
VY023440.D	1	10/10/25 15:37	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.78	U	0.78	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	0.99	U	0.99	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	24.8	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	6.00	J	3.50	9.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.85	U	0.85	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
110-82-7	Cyclohexane	0.78	U	0.78	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	24.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.96	U	0.96	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.74	U	0.74	5.00	ug/Kg
74-97-5	Bromochloromethane	1.10	U	1.10	5.00	ug/Kg
67-66-3	Chloroform	0.83	U	0.83	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.90	U	0.90	5.00	ug/Kg
71-43-2	Benzene	0.78	U	0.78	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.78	U	0.78	5.00	ug/Kg
79-01-6	Trichloroethene	0.80	U	0.80	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.90	U	0.90	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.77	U	0.77	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	24.8	ug/Kg
108-88-3	Toluene	0.77	U	0.77	5.00	ug/Kg

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-07-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-07		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81.2	
Sample Wt/Vol:	6.2	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
VY023440.D	1	10/10/25 15:37	VY101025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.91	U	0.91	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	24.8	ug/Kg
124-48-1	Dibromochloromethane	0.86	U	0.86	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.87	U	0.87	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.00	U	1.00	5.00	ug/Kg
108-90-7	Chlorobenzene	0.90	U	0.90	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	9.90	ug/Kg
95-47-6	o-Xylene	0.81	U	0.81	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.85	U	0.85	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.77	U	0.77	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.40	U	1.40	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.90	U	2.90	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.2		63 - 155	114%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	51.8		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.5		17 - 146	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	590000	7.713			
540-36-3	1,4-Difluorobenzene	1120000	8.616			
3114-55-4	Chlorobenzene-d5	1050000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	373000	13.346			

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-07-0-2		SDG No.:	Q3323	
Lab Sample ID:	Q3323-07		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81.2	
Sample Wt/Vol:	6.2	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
VY023440.D	1	10/10/25 15:37	VY101025

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

LAB CHRONICLE

OrderID:	Q3323	OrderDate:	10/9/2025 2:32:00 PM
Client:	Langan Engineering and Environmental Services, Inc	Project:	Con Edison Richmond Terrace
Contact:	Gregory DelMastro	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3323-01	SED-01-0-2	SOIL	VOC-TCLVOA-10	8260D	10/09/25		10/10/25	10/09/25
Q3323-02	SED-02-0-2	SOIL	VOC-TCLVOA-10	8260D	10/09/25		10/10/25	10/09/25
Q3323-03	SED-03-0-2	SOIL	VOC-TCLVOA-10	8260D	10/09/25		10/10/25	10/09/25
Q3323-04	SED-04-0-2	SOIL	VOC-TCLVOA-10	8260D	10/09/25		10/10/25	10/09/25
Q3323-05	SED-05-0-2	SOIL	VOC-TCLVOA-10	8260D	10/09/25		10/10/25	10/09/25
Q3323-06	SED-06-0-2	SOIL	VOC-TCLVOA-10	8260D	10/09/25		10/10/25	10/09/25
Q3323-07	SED-07-0-2	SOIL	VOC-TCLVOA-10	8260D	10/09/25		10/10/25	10/09/25