284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG	Date Collected:	07/14/25
Project:	Kingsland Switching Station	Date Received:	07/14/25
Client Sample ID:	CHRT-24849	SDG No.:	Q2595
Lab Sample ID:	Q2595-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	44.8
Sample Wt/Vol:	4.12 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046985.D	1	07/14/25 19:17	VX071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.31	U	0.31	1.40	mg/Kg
74-87-3	Chloromethane	0.31	U	0.31	1.40	mg/Kg
75-01-4	Vinyl Chloride	0.21	U	0.21	1.40	mg/Kg
74-83-9	Bromomethane	0.29	U	0.29	1.40	mg/Kg
75-00-3	Chloroethane	0.34	U	0.34	1.40	mg/Kg
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.40	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.29	U	0.29	1.40	mg/Kg
75-35-4	1,1-Dichloroethene	0.27	U	0.27	1.40	mg/Kg
67-64-1	Acetone	1.30	U	1.30	6.80	mg/Kg
75-15-0	Carbon Disulfide	0.29	U	0.29	1.40	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.20	U	0.20	1.40	mg/Kg
79-20-9	Methyl Acetate	0.42	U	0.42	1.40	mg/Kg
75-09-2	Methylene Chloride	0.96	U	0.96	2.70	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.40	mg/Kg
75-34-3	1,1-Dichloroethane	0.22	U	0.22	1.40	mg/Kg
110-82-7	Cyclohexane	0.21	U	0.21	1.40	mg/Kg
78-93-3	2-Butanone	1.80	U	1.80	6.80	mg/Kg
56-23-5	Carbon Tetrachloride	0.26	U	0.26	1.40	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	1.40	mg/Kg
74-97-5	Bromochloromethane	0.31	U	0.31	1.40	mg/Kg
67-66-3	Chloroform	0.23	U	0.23	1.40	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.25	U	0.25	1.40	mg/Kg
108-87-2	Methylcyclohexane	0.25	U	0.25	1.40	mg/Kg
71-43-2	Benzene	0.21	U	0.21	1.40	mg/Kg
107-06-2	1,2-Dichloroethane	0.21	U	0.21	1.40	mg/Kg
79-01-6	Trichloroethene	0.22	U	0.22	1.40	mg/Kg
78-87-5	1,2-Dichloropropane	0.25	U	0.25	1.40	mg/Kg
75-27-4	Bromodichloromethane	0.21	U	0.21	1.40	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.97	U	0.97	6.80	mg/Kg
108-88-3	Toluene	0.21	U	0.21	1.40	mg/Kg

Alliance TECHNICAL GROUP
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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.18	U	0.18	1.40	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.17	U	0.17	1.40	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.25	U	0.25	1.40	mg/Kg
591-78-6	2-Hexanone	1.00	U	1.00	6.80	mg/Kg
124-48-1	Dibromochloromethane	0.24	U	0.24	1.40	mg/Kg
106-93-4	1,2-Dibromoethane	0.24	U	0.24	1.40	mg/Kg
127-18-4	Tetrachloroethene	0.28	U	0.28	1.40	mg/Kg
108-90-7	Chlorobenzene	0.25	U	0.25	1.40	mg/Kg
100-41-4	Ethyl Benzene	0.18	U	0.18	1.40	mg/Kg
179601-23-1	m/p-Xylenes	0.34	U	0.34	2.70	mg/Kg
95-47-6	o-Xylene	0.22	U	0.22	1.40	mg/Kg
100-42-5	Styrene	0.19	U	0.19	1.40	mg/Kg
75-25-2	Bromoform	0.23	U	0.23	1.40	mg/Kg
98-82-8	Isopropylbenzene	0.21	U	0.21	1.40	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.33	U	0.33	1.40	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.46	U	0.46	1.40	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.42	U	0.42	1.40	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.39	U	0.39	1.40	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	0.50	1.40	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.80	U	0.80	1.40	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.86	U	0.86	1.40	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.9		63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	48.4		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.7		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	301000	5.556			
540-36-3	1,4-Difluorobenzene	505000	6.763			
3114-55-4	Chlorobenzene-d5	455000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	237000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
1010386-40-2	2-Ethyl-oxetane	3200	J		3.45	ug/Kg
	unknown15.737	1500	J		15.7	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