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

Report of Analysis

Client:	PSEG	Date Collected:	08/15/25
Project:	Hackensack Sub HQ	Date Received:	08/15/25
Client Sample ID:	302	SDG No.:	Q2884
Lab Sample ID:	Q2884-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91
Sample Wt/Vol:	3.8 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087590.D	1	08/15/25 18:12	VN081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.72	U	0.16	0.72	mg/Kg
74-87-3	Chloromethane	0.72	U	0.16	0.72	mg/Kg
75-01-4	Vinyl Chloride	0.72	U	0.11	0.72	mg/Kg
74-83-9	Bromomethane	0.72	U	0.15	0.72	mg/Kg
75-00-3	Chloroethane	0.72	U	0.18	0.72	mg/Kg
75-69-4	Trichlorofluoromethane	0.72	U	0.17	0.72	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.72	U	0.15	0.72	mg/Kg
75-35-4	1,1-Dichloroethene	0.72	U	0.14	0.72	mg/Kg
67-64-1	Acetone	15.0		0.69	3.60	mg/Kg
75-15-0	Carbon Disulfide	0.72	U	0.15	0.72	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.72	U	0.11	0.72	mg/Kg
79-20-9	Methyl Acetate	0.72	U	0.22	0.72	mg/Kg
75-09-2	Methylene Chloride	1.40	U	0.51	1.40	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.72	U	0.12	0.72	mg/Kg
75-34-3	1,1-Dichloroethane	0.72	U	0.12	0.72	mg/Kg
110-82-7	Cyclohexane	0.72	U	0.11	0.72	mg/Kg
78-93-3	2-Butanone	3.60	U	0.95	3.60	mg/Kg
56-23-5	Carbon Tetrachloride	0.72	U	0.14	0.72	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.72	U	0.11	0.72	mg/Kg
74-97-5	Bromochloromethane	0.72	U	0.17	0.72	mg/Kg
67-66-3	Chloroform	0.72	U	0.12	0.72	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.72	U	0.13	0.72	mg/Kg
108-87-2	Methylcyclohexane	0.72	U	0.13	0.72	mg/Kg
71-43-2	Benzene	0.72	U	0.11	0.72	mg/Kg
107-06-2	1,2-Dichloroethane	0.72	U	0.11	0.72	mg/Kg
79-01-6	Trichloroethene	0.72	U	0.12	0.72	mg/Kg
78-87-5	1,2-Dichloropropane	0.72	U	0.13	0.72	mg/Kg
75-27-4	Bromodichloromethane	0.72	U	0.11	0.72	mg/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	0.52	3.60	mg/Kg
108-88-3	Toluene	0.20	J	0.11	0.72	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	0.72	U	0.094	0.72	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.72	U	0.090	0.72	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.72	U	0.13	0.72	mg/Kg
591-78-6	2-Hexanone	3.60	U	0.53	3.60	mg/Kg
124-48-1	Dibromochloromethane	0.72	U	0.13	0.72	mg/Kg
106-93-4	1,2-Dibromoethane	0.72	U	0.13	0.72	mg/Kg
127-18-4	Tetrachloroethene	0.72	U	0.15	0.72	mg/Kg
108-90-7	Chlorobenzene	0.72	U	0.13	0.72	mg/Kg
100-41-4	Ethyl Benzene	39.9	E	0.097	0.72	mg/Kg
179601-23-1	m/p-Xylenes	171	E	0.18	1.40	mg/Kg
95-47-6	o-Xylene	45.9	E	0.12	0.72	mg/Kg
100-42-5	Styrene	0.72	U	0.10	0.72	mg/Kg
75-25-2	Bromoform	0.72	U	0.12	0.72	mg/Kg
98-82-8	Isopropylbenzene	0.44	J	0.11	0.72	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.72	U	0.17	0.72	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.72	U	0.25	0.72	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.72	U	0.23	0.72	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.72	U	0.21	0.72	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.72	U	0.27	0.72	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.72	U	0.43	0.72	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.72	U	0.46	0.72	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	41.6		70 - 134	83%	SPK: 50
2037-26-5	Toluene-d8	44.3		74 - 123	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.7		17 - 146	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	301000	8.206			
540-36-3	1,4-Difluorobenzene	664000	9.082			
3114-55-4	Chlorobenzene-d5	585000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	278000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
103-65-1	n-propylbenzene	280	J		13.0	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	200	J		13.1	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	560	J		13.5	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