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

Report of Analysis

Client:	PSEG	Date Collected:	10/08/25
Project:	Hackensack Sub HQ	Date Received:	10/08/25
Client Sample ID:	314	SDG No.:	Q3315
Lab Sample ID:	Q3315-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	94.4
Sample Wt/Vol:	4.69 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
VY023411.D	1	10/09/25 10:36	VY100925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0056	U	0.0013	0.0056	mg/Kg
74-87-3	Chloromethane	0.0056	U	0.0013	0.0056	mg/Kg
75-01-4	Vinyl Chloride	0.0056	U	0.00089	0.0056	mg/Kg
74-83-9	Bromomethane	0.0056	U	0.0012	0.0056	mg/Kg
75-00-3	Chloroethane	0.0056	U	0.0014	0.0056	mg/Kg
75-69-4	Trichlorofluoromethane	0.0056	U	0.0014	0.0056	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0056	U	0.0012	0.0056	mg/Kg
75-35-4	1,1-Dichloroethene	0.0056	U	0.0011	0.0056	mg/Kg
67-64-1	Acetone	32.3	E	0.0054	0.028	mg/Kg
75-15-0	Carbon Disulfide	0.0092		0.0012	0.0056	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0056	U	0.00082	0.0056	mg/Kg
79-20-9	Methyl Acetate	0.052		0.0017	0.0056	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0040	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0056	U	0.00097	0.0056	mg/Kg
75-34-3	1,1-Dichloroethane	0.0056	U	0.00090	0.0056	mg/Kg
110-82-7	Cyclohexane	0.0056	U	0.00089	0.0056	mg/Kg
78-93-3	2-Butanone	0.29		0.0074	0.028	mg/Kg
56-23-5	Carbon Tetrachloride	0.0056	U	0.0011	0.0056	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0056	U	0.00085	0.0056	mg/Kg
74-97-5	Bromochloromethane	0.0056	U	0.0013	0.0056	mg/Kg
67-66-3	Chloroform	0.0056	U	0.00095	0.0056	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0056	U	0.0011	0.0056	mg/Kg
108-87-2	Methylcyclohexane	0.23	E	0.0010	0.0056	mg/Kg
71-43-2	Benzene	0.014		0.00089	0.0056	mg/Kg
107-06-2	1,2-Dichloroethane	0.0056	U	0.00089	0.0056	mg/Kg
79-01-6	Trichloroethene	0.0056	U	0.00091	0.0056	mg/Kg
78-87-5	1,2-Dichloropropane	0.0056	U	0.0010	0.0056	mg/Kg
75-27-4	Bromodichloromethane	0.0056	U	0.00088	0.0056	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.037		0.0040	0.028	mg/Kg
108-88-3	Toluene	2.10	E	0.00088	0.0056	mg/Kg

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Client Sample ID:	314	SDG No.:	Q3315
Lab Sample ID:	Q3315-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	94.4
Sample Wt/Vol:	4.69 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
VY023411.D	1	10/09/25 10:36	VY100925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.0056	U	0.00073	0.0056	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0056	U	0.00070	0.0056	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0056	U	0.0010	0.0056	mg/Kg
591-78-6	2-Hexanone	0.028	U	0.0042	0.028	mg/Kg
124-48-1	Dibromochloromethane	0.0056	U	0.00098	0.0056	mg/Kg
106-93-4	1,2-Dibromoethane	0.0056	U	0.00099	0.0056	mg/Kg
127-18-4	Tetrachloroethene	0.0046	J	0.0012	0.0056	mg/Kg
108-90-7	Chlorobenzene	0.0056	U	0.0010	0.0056	mg/Kg
100-41-4	Ethyl Benzene	1.50	E	0.00076	0.0056	mg/Kg
179601-23-1	m/p-Xylenes	4.80	E	0.0014	0.011	mg/Kg
95-47-6	o-Xylene	2.80	E	0.00093	0.0056	mg/Kg
100-42-5	Styrene	0.0056	U	0.00080	0.0056	mg/Kg
75-25-2	Bromoform	0.0056	U	0.00097	0.0056	mg/Kg
98-82-8	Isopropylbenzene	0.12		0.00088	0.0056	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0056	U	0.0014	0.0056	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0029	J	0.0019	0.0056	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0056	U	0.0018	0.0056	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0056	U	0.0016	0.0056	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0056	U	0.0021	0.0056	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0056	U	0.0034	0.0056	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0056	U	0.0036	0.0056	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.8		63 - 155	98%	SPK: 50
1868-53-7	Dibromofluoromethane	55.9		70 - 134	112%	SPK: 50
2037-26-5	Toluene-d8	51.6		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	13.5		17 - 146	27%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	674000	7.713			
540-36-3	1,4-Difluorobenzene	977000	8.622			
3114-55-4	Chlorobenzene-d5	414000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	53500	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

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VY023411.D	1	10/09/25 10:36	VY100925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
75-65-0	Tert butyl alcohol	90.6	J		4.86	ug/Kg
000589-34-4	Hexane, 3-methyl-	74.4	J		7.93	ug/Kg
002453-00-1	Cyclopentane, 1,3-dimethyl-	170	J		8.27	ug/Kg
000822-50-4	Cyclopentane, 1,2-dimethyl-, trans	180	J		8.34	ug/Kg
000142-82-5	Heptane	1200	J		8.47	ug/Kg
000071-36-3	1-Butanol	60.5	J		8.82	ug/Kg
000592-27-8	Heptane, 2-methyl-	260	J		9.75	ug/Kg
000589-81-1	Heptane, 3-methyl-	260	J		9.89	ug/Kg
000111-65-9	Octane	17.7	J		10.3	ug/Kg
103-65-1	n-propylbenzene	78.7	J		12.6	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	44.5	J		12.7	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	110	J		13.0	ug/Kg
135-98-8	sec-Butylbenzene	9.50	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	120	J		13.3	ug/Kg
104-51-8	n-Butylbenzene	9.80	J		13.6	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