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

Report of Analysis

Client:	PSEG	Date Collected:	03/25/25
Project:	Paterson Laydown	Date Received:	03/25/25
Client Sample ID:	PAT-1-032525	SDG No.:	Q1642
Lab Sample ID:	Q1642-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	87.2
Sample Wt/Vol:	5.08 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:	Prep Date	Date Analyzed	Prep Batch ID
VY021653.D	1		03/26/25 17:44	VY032625

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	0.0069	J	0.0054	0.028	mg/Kg
75-15-0	Carbon Disulfide	0.0056	U	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	0.0056	U	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	0.028	U	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	0.0010	0.0056	mg/Kg
108-87-2	Methylcyclohexane	0.0056	U	0.0010	0.0056	mg/Kg
71-43-2	Benzene	0.0056	U	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	0.028	U	0.0040	0.028	mg/Kg
108-88-3	Toluene	0.0056	U	0.00088	0.0056	mg/Kg

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File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021653.D	1		03/26/25 17:44	VY032625

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	0.0056	U	0.0012	0.0056	mg/Kg
108-90-7	Chlorobenzene	0.0056	U	0.0010	0.0056	mg/Kg
100-41-4	Ethyl Benzene	0.0056	U	0.00076	0.0056	mg/Kg
179601-23-1	m/p-Xylenes	0.011	U	0.0014	0.011	mg/Kg
95-47-6	o-Xylene	0.0056	U	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	0.0056	U	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	0.0056	U	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	59.4		63 - 155	119%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	49.4		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.0		38 - 136	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	183000	7.707			
540-36-3	1,4-Difluorobenzene	336000	8.616			
3114-55-4	Chlorobenzene-d5	305000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	129000	13.347			
TENTATIVE IDENTIFIED COMPOUNDS						

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002958-76-1	Naphthalene, decahydro-2-methyl-	7.30	J		14.2	ug/Kg
000934-10-1	unknown14.596	16.5	J		14.6	ug/Kg
001595-16-0	unknown14.651	9.70	J		14.7	ug/Kg
053172-84-2	unknown14.858	9.10	J		14.9	ug/Kg
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethy	11.8	J		15.0	ug/Kg
000769-57-3	Benzene, (1,2-dimethyl-1-propenyl)	12.5	J		15.4	ug/Kg
000769-25-5	Benzene, 2-ethenyl-1,3,5-trimethyl	12.0	J		15.6	ug/Kg
006682-06-0	1H-Indene, 2,3-dihydro-4,5,7-trime	9.40	J		15.8	ug/Kg
002613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trime	8.10	J		15.9	ug/Kg
000091-57-6	Naphthalene, 2-methyl-	9.40	J		16.4	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