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

Report of Analysis

Client:	PSEG	Date Collected:	10/31/25
Project:	Orange Gas and Appliance Service (EO)	Date Received:	10/31/25
Client Sample ID:	EO-02-103125	SDG No.:	Q3520
Lab Sample ID:	Q3520-01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 91.1
Sample Wt/Vol:	7.21 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.00087	U	1	0.00087	0.0038	mg/Kg	11/03/25 14:13	VY110325
74-87-3	Chloromethane	0.00087	U	1	0.00087	0.0038	mg/Kg	11/03/25 14:13	VY110325
75-01-4	Vinyl Chloride	0.00060	U	1	0.00060	0.0038	mg/Kg	11/03/25 14:13	VY110325
74-83-9	Bromomethane	0.00081	U	1	0.00081	0.0038	mg/Kg	11/03/25 14:13	VY110325
75-00-3	Chloroethane	0.00096	U	1	0.00096	0.0038	mg/Kg	11/03/25 14:13	VY110325
75-69-4	Trichlorofluoromethane	0.00092	U	1	0.00092	0.0038	mg/Kg	11/03/25 14:13	VY110325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.00081	U	1	0.00081	0.0038	mg/Kg	11/03/25 14:13	VY110325
75-35-4	1,1-Dichloroethene	0.00076	U	1	0.00076	0.0038	mg/Kg	11/03/25 14:13	VY110325
67-64-1	Acetone	0.0036	U	1	0.0036	0.019	mg/Kg	11/03/25 14:13	VY110325
75-15-0	Carbon Disulfide	0.00081	U	1	0.00081	0.0038	mg/Kg	11/03/25 14:13	VY110325
1634-04-4	Methyl tert-butyl Ether	0.00056	U	1	0.00056	0.0038	mg/Kg	11/03/25 14:13	VY110325
79-20-9	Methyl Acetate	0.0012	U	1	0.0012	0.0038	mg/Kg	11/03/25 14:13	VY110325
75-09-2	Methylene Chloride	0.0027	U	1	0.0027	0.0076	mg/Kg	11/03/25 14:13	VY110325
156-60-5	trans-1,2-Dichloroethene	0.00065	U	1	0.00065	0.0038	mg/Kg	11/03/25 14:13	VY110325
75-34-3	1,1-Dichloroethane	0.00061	U	1	0.00061	0.0038	mg/Kg	11/03/25 14:13	VY110325
110-82-7	Cyclohexane	0.00060	U	1	0.00060	0.0038	mg/Kg	11/03/25 14:13	VY110325
78-93-3	2-Butanone	0.0050	U	1	0.0050	0.019	mg/Kg	11/03/25 14:13	VY110325
56-23-5	Carbon Tetrachloride	0.00074	U	1	0.00074	0.0038	mg/Kg	11/03/25 14:13	VY110325
156-59-2	cis-1,2-Dichloroethene	0.00057	U	1	0.00057	0.0038	mg/Kg	11/03/25 14:13	VY110325
74-97-5	Bromochloromethane	0.00088	U	1	0.00088	0.0038	mg/Kg	11/03/25 14:13	VY110325
67-66-3	Chloroform	0.00064	U	1	0.00064	0.0038	mg/Kg	11/03/25 14:13	VY110325
71-55-6	1,1,1-Trichloroethane	0.00071	U	1	0.00071	0.0038	mg/Kg	11/03/25 14:13	VY110325
108-87-2	Methylcyclohexane	0.00069	U	1	0.00069	0.0038	mg/Kg	11/03/25 14:13	VY110325
71-43-2	Benzene	0.00060	U	1	0.00060	0.0038	mg/Kg	11/03/25 14:13	VY110325
107-06-2	1,2-Dichloroethane	0.00060	U	1	0.00060	0.0038	mg/Kg	11/03/25 14:13	VY110325
79-01-6	Trichloroethene	0.00062	U	1	0.00062	0.0038	mg/Kg	11/03/25 14:13	VY110325
78-87-5	1,2-Dichloropropane	0.00069	U	1	0.00069	0.0038	mg/Kg	11/03/25 14:13	VY110325
75-27-4	Bromodichloromethane	0.00059	U	1	0.00059	0.0038	mg/Kg	11/03/25 14:13	VY110325
108-10-1	4-Methyl-2-Pentanone	0.0027	U	1	0.0027	0.019	mg/Kg	11/03/25 14:13	VY110325
108-88-3	Toluene	0.00059	U	1	0.00059	0.0038	mg/Kg	11/03/25 14:13	VY110325
10061-02-6	t-1,3-Dichloropropene	0.00049	U	1	0.00049	0.0038	mg/Kg	11/03/25 14:13	VY110325
10061-01-5	cis-1,3-Dichloropropene	0.00047	U	1	0.00047	0.0038	mg/Kg	11/03/25 14:13	VY110325
79-00-5	1,1,2-Trichloroethane	0.00070	U	1	0.00070	0.0038	mg/Kg	11/03/25 14:13	VY110325
591-78-6	2-Hexanone	0.0028	U	1	0.0028	0.019	mg/Kg	11/03/25 14:13	VY110325
124-48-1	Dibromochloromethane	0.00066	U	1	0.00066	0.0038	mg/Kg	11/03/25 14:13	VY110325
106-93-4	1,2-Dibromoethane	0.00067	U	1	0.00067	0.0038	mg/Kg	11/03/25 14:13	VY110325
127-18-4	Tetrachloroethene	0.00080	U	1	0.00080	0.0038	mg/Kg	11/03/25 14:13	VY110325
108-90-7	Chlorobenzene	0.00069	U	1	0.00069	0.0038	mg/Kg	11/03/25 14:13	VY110325
100-41-4	Ethyl Benzene	0.00051	U	1	0.00051	0.0038	mg/Kg	11/03/25 14:13	VY110325
179601-23-1	m/p-Xylenes	0.00094	U	1	0.00094	0.0076	mg/Kg	11/03/25 14:13	VY110325
95-47-6	o-Xylene	0.00062	U	1	0.00062	0.0038	mg/Kg	11/03/25 14:13	VY110325
100-42-5	Styrene	0.00054	U	1	0.00054	0.0038	mg/Kg	11/03/25 14:13	VY110325
75-25-2	Bromoform	0.00065	U	1	0.00065	0.0038	mg/Kg	11/03/25 14:13	VY110325

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Lab Sample ID:	Q3520-01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	91.1
Sample Wt/Vol:	7.21 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.00059	U	1	0.00059	0.0038	mg/Kg	11/03/25 14:13	VY110325
79-34-5	1,1,2,2-Tetrachloroethane	0.00092	U	1	0.00092	0.0038	mg/Kg	11/03/25 14:13	VY110325
541-73-1	1,3-Dichlorobenzene	0.0013	U	1	0.0013	0.0038	mg/Kg	11/03/25 14:13	VY110325
106-46-7	1,4-Dichlorobenzene	0.0012	U	1	0.0012	0.0038	mg/Kg	11/03/25 14:13	VY110325
95-50-1	1,2-Dichlorobenzene	0.0011	U	1	0.0011	0.0038	mg/Kg	11/03/25 14:13	VY110325
96-12-8	1,2-Dibromo-3-Chloropropane	0.0014	U	1	0.0014	0.0038	mg/Kg	11/03/25 14:13	VY110325
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	1	0.0023	0.0038	mg/Kg	11/03/25 14:13	VY110325
87-61-6	1,2,3-Trichlorobenzene	0.0024	U	1	0.0024	0.0038	mg/Kg	11/03/25 14:13	VY110325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.3			63 - 155	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.4			70 - 134	101%	SPK: 50		
2037-26-5	Toluene-d8	48.1			74 - 123	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	40.6			17 - 146	81%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	780000							
540-36-3	1,4-Difluorobenzene	1260000							
3114-55-4	Chlorobenzene-d5	1020000							
3855-82-1	1,4-Dichlorobenzene-d4	366000							
TENTATIVE IDENTIFIED COMPOUNDS									
108-67-8	1,3,5-Trimethylbenzene	4.10	J			12.7	ug/Kg		
95-63-6	1,2,4-Trimethylbenzene	3.70	J			13.0	ug/Kg		
99-87-6	p-Isopropyltoluene	0.76	J			13.3	ug/Kg		
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.0	J			13.6	ug/Kg		
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	12.6	J			13.9	ug/Kg		
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	29.5	J			14.6	ug/Kg		
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	11.1	J			14.7	ug/Kg		
001559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-	11.8	J			15.3	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