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

Report of Analysis

Client:	PSEG	Date Collected:	01/09/25
Project:	Burlington Gas District	Date Received:	01/09/25
Client Sample ID:	FRAC-TANK-257952	SDG No.:	Q1049
Lab Sample ID:	Q1049-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	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
VN085413.D	1		01/09/25 16:50	VN010925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.21	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	1.00	U	0.34	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.26	1.00	ug/L
67-64-1	Acetone	170		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.91	J	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	2.40		0.60	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	4.20	J	1.60	5.00	ug/L
78-93-3	2-Butanone	84.4		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.18	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	6.90		0.19	1.00	ug/L
71-43-2	Benzene	110	E	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	1.00	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	1.60	J	0.75	5.00	ug/L
108-88-3	Toluene	210	E	0.18	1.00	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	38.4		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	180		0.31	2.00	ug/L
95-47-6	o-Xylene	94.6		0.14	1.00	ug/L
100-42-5	Styrene	1.00	U	0.16	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	6.20		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.1		74 - 125	92%	SPK: 50
1868-53-7	Dibromofluoromethane	46.3		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	55.4		86 - 113	111%	SPK: 50
460-00-4	4-Bromofluorobenzene	60.1		77 - 121	120%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	250000	8.212			
540-36-3	1,4-Difluorobenzene	438000	9.094			
3114-55-4	Chlorobenzene-d5	424000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						

Alliance TECHNICAL GROUP
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VN085413.D	1		01/09/25 16:50	VN010925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000064-17-5	Ethanol	330	J		3.77	ug/L
107-02-8	Acrolein	11.4	J		4.18	ug/L
75-65-0	Tert butyl alcohol	39.9	J		5.49	ug/L
108-05-4	Vinyl Acetate	4.10	J		6.62	ug/L
000123-72-8	Butanal	140	J		7.21	ug/L
141-78-6	Ethyl Acetate	10.6	J		7.57	ug/L
000497-26-7	1,3-Dioxolane, 2-methyl-	170	J		8.38	ug/L
004170-30-3	2-Butenal	1100	J		8.96	ug/L
000623-36-9	2-Pentenal, 2-methyl-	77.8	J		11.6	ug/L
ABZT	Alkylbenzenes, Total	100	J		13.0	ug/L
103-65-1	n-propylbenzene	7.90	J		13.0	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	40.3	J		13.1	ug/L
108-67-8	1,3,5-Trimethylbenzene	26.5	J		13.2	ug/L
98-06-6	tert-Butylbenzene	1.00	J		13.4	ug/L
95-63-6	1,2,4-Trimethylbenzene	55.4	J		13.5	ug/L
135-98-8	sec-Butylbenzene	1.40	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	2.70	J		13.7	ug/L
104-51-8	n-Butylbenzene	1.20	J		14.1	ug/L
000095-13-6	Indene	24.6	J		14.2	ug/L
1000411-33-6	2-(Adamantan-1-yloxy)-6-chloropyri	22.2	J		14.7	ug/L
000112-40-3	Dodecane	24.2	J		15.0	ug/L

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