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:	11/06/25
Project:	PSEG Central Gas Plant	Date Received:	11/06/25
Client Sample ID:	1027-D	SDG No.:	Q3561
Lab Sample ID:	Q3561-05	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	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	100	U	100	22.0	100	ug/L	11/06/25 16:12	VN110625
74-87-3	Chloromethane	100	U	100	32.0	100	ug/L	11/06/25 16:12	VN110625
75-01-4	Vinyl Chloride	100	U	100	26.0	100	ug/L	11/06/25 16:12	VN110625
74-83-9	Bromomethane	500	U	100	140	500	ug/L	11/06/25 16:12	VN110625
75-00-3	Chloroethane	100	U	100	47.0	100	ug/L	11/06/25 16:12	VN110625
75-69-4	Trichlorofluoromethane	100	U	100	33.0	100	ug/L	11/06/25 16:12	VN110625
76-13-1	1,1,2-Trichlorotrifluoroethane	100	U	100	25.0	100	ug/L	11/06/25 16:12	VN110625
75-35-4	1,1-Dichloroethene	100	U	100	23.0	100	ug/L	11/06/25 16:12	VN110625
67-64-1	Acetone	500	U	100	150	500	ug/L	11/06/25 16:12	VN110625
75-15-0	Carbon Disulfide	1400		100	21.0	100	ug/L	11/06/25 16:12	VN110625
1634-04-4	Methyl tert-butyl Ether	100	U	100	16.0	100	ug/L	11/06/25 16:12	VN110625
79-20-9	Methyl Acetate	100	U	100	27.0	100	ug/L	11/06/25 16:12	VN110625
75-09-2	Methylene Chloride	100	U	100	28.0	100	ug/L	11/06/25 16:12	VN110625
156-60-5	trans-1,2-Dichloroethene	100	U	100	23.0	100	ug/L	11/06/25 16:12	VN110625
75-34-3	1,1-Dichloroethane	100	U	100	23.0	100	ug/L	11/06/25 16:12	VN110625
110-82-7	Cyclohexane	250	J	100	150	500	ug/L	11/06/25 16:12	VN110625
78-93-3	2-Butanone	500	U	100	98.0	500	ug/L	11/06/25 16:12	VN110625
56-23-5	Carbon Tetrachloride	100	U	100	25.0	100	ug/L	11/06/25 16:12	VN110625
156-59-2	cis-1,2-Dichloroethene	100	U	100	19.0	100	ug/L	11/06/25 16:12	VN110625
74-97-5	Bromochloromethane	100	U	100	22.0	100	ug/L	11/06/25 16:12	VN110625
67-66-3	Chloroform	100	U	100	25.0	100	ug/L	11/06/25 16:12	VN110625
71-55-6	1,1,1-Trichloroethane	100	U	100	20.0	100	ug/L	11/06/25 16:12	VN110625
108-87-2	Methylcyclohexane	460		100	16.0	100	ug/L	11/06/25 16:12	VN110625
71-43-2	Benzene	990		100	15.0	100	ug/L	11/06/25 16:12	VN110625
107-06-2	1,2-Dichloroethane	100	U	100	22.0	100	ug/L	11/06/25 16:12	VN110625
79-01-6	Trichloroethene	100	U	100	9.30	100	ug/L	11/06/25 16:12	VN110625
78-87-5	1,2-Dichloropropane	100	U	100	20.0	100	ug/L	11/06/25 16:12	VN110625
75-27-4	Bromodichloromethane	100	U	100	22.0	100	ug/L	11/06/25 16:12	VN110625
108-10-1	4-Methyl-2-Pentanone	500	U	100	68.0	500	ug/L	11/06/25 16:12	VN110625
108-88-3	Toluene	1700		100	14.0	100	ug/L	11/06/25 16:12	VN110625
10061-02-6	t-1,3-Dichloropropene	100	U	100	17.0	100	ug/L	11/06/25 16:12	VN110625
10061-01-5	cis-1,3-Dichloropropene	100	U	100	16.0	100	ug/L	11/06/25 16:12	VN110625
79-00-5	1,1,2-Trichloroethane	100	U	100	21.0	100	ug/L	11/06/25 16:12	VN110625
591-78-6	2-Hexanone	500	U	100	89.0	500	ug/L	11/06/25 16:12	VN110625
124-48-1	Dibromochloromethane	100	U	100	18.0	100	ug/L	11/06/25 16:12	VN110625
106-93-4	1,2-Dibromoethane	100	U	100	15.0	100	ug/L	11/06/25 16:12	VN110625
127-18-4	Tetrachloroethene	100	U	100	23.0	100	ug/L	11/06/25 16:12	VN110625
108-90-7	Chlorobenzene	100	U	100	12.0	100	ug/L	11/06/25 16:12	VN110625
100-41-4	Ethyl Benzene	150		100	13.0	100	ug/L	11/06/25 16:12	VN110625
179601-23-1	m/p-Xylenes	840		100	24.0	200	ug/L	11/06/25 16:12	VN110625
95-47-6	o-Xylene	300		100	12.0	100	ug/L	11/06/25 16:12	VN110625
100-42-5	Styrene	100	U	100	15.0	100	ug/L	11/06/25 16:12	VN110625
75-25-2	Bromoform	100	U	100	19.0	100	ug/L	11/06/25 16:12	VN110625

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:	11/06/25
Project:	PSEG Central Gas Plant	Date Received:	11/06/25
Client Sample ID:	1027-D	SDG No.:	Q3561
Lab Sample ID:	Q3561-05	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL 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	100	U	100	12.0	100	ug/L	11/06/25 16:12	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	26.0	100	ug/L	11/06/25 16:12	VN110625
541-73-1	1,3-Dichlorobenzene	100	U	100	16.0	100	ug/L	11/06/25 16:12	VN110625
106-46-7	1,4-Dichlorobenzene	100	U	100	19.0	100	ug/L	11/06/25 16:12	VN110625
95-50-1	1,2-Dichlorobenzene	100	U	100	16.0	100	ug/L	11/06/25 16:12	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	53.0	100	ug/L	11/06/25 16:12	VN110625
120-82-1	1,2,4-Trichlorobenzene	100	U	100	20.0	100	ug/L	11/06/25 16:12	VN110625
87-61-6	1,2,3-Trichlorobenzene	100	U	100	20.0	100	ug/L	11/06/25 16:12	VN110625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	64.7	*		74 - 125	129%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.1			75 - 124	104%	SPK: 50		
2037-26-5	Toluene-d8	49.5			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.8			77 - 121	118%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	271000							
540-36-3	1,4-Difluorobenzene	625000							
3114-55-4	Chlorobenzene-d5	615000							
3855-82-1	1,4-Dichlorobenzene-d4	318000							
TENTATIVE IDENTIFIED COMPOUNDS									
000109-66-0	Pentane	540	J			3.66	ug/L		
108-67-8	1,3,5-Trimethylbenzene	130	J			13.2	ug/L		
95-63-6	1,2,4-Trimethylbenzene	350	J			13.5	ug/L		
000645-62-5	2-Hexenal, 2-ethyl-	2900	J			13.7	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