

## Report of Analysis

Client: PSEG  
Project: Burlington Gas and Appliance Service (BU)  
Client Sample ID: BU-02-12112025  
Lab Sample ID: Q3846-02  
Analytical Method: 8260D  
Sample Wt/Vol: 4.96 g

Level: LOW  
Final Vol: 5000 uL

Date Collected: 12/11/25  
Date Received: 12/11/25  
SDG No.: Q3846  
Matrix: SOIL  
% Solid: 90.5  
Test: VOC-TCLVOA-10

| CAS Number     | Parameter                      | Conc.  | Qua. | DF | MDL     | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|----------------|--------------------------------|--------|------|----|---------|------------|-------|----------------|----------|
| <b>TARGETS</b> |                                |        |      |    |         |            |       |                |          |
| 75-71-8        | Dichlorodifluoromethane        | 0.0056 | U    | 1  | 0.0013  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 74-87-3        | Chloromethane                  | 0.0056 | U    | 1  | 0.0013  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 75-01-4        | Vinyl Chloride                 | 0.0056 | U    | 1  | 0.00088 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 74-83-9        | Bromomethane                   | 0.0056 | U    | 1  | 0.0012  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 75-00-3        | Chloroethane                   | 0.0056 | U    | 1  | 0.0014  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 75-69-4        | Trichlorofluoromethane         | 0.0056 | U    | 1  | 0.0013  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.0056 | U    | 1  | 0.0012  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 75-35-4        | 1,1-Dichloroethene             | 0.0056 | U    | 1  | 0.0011  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 67-64-1        | Acetone                        | 0.028  | U    | 1  | 0.0053  | 0.028      | mg/Kg | 12/12/25 11:09 | VW121225 |
| 75-15-0        | Carbon Disulfide               | 0.0056 | U    | 1  | 0.0012  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.0056 | U    | 1  | 0.00081 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 79-20-9        | Methyl Acetate                 | 0.0056 | U    | 1  | 0.0017  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 75-09-2        | Methylene Chloride             | 0.011  | U    | 1  | 0.0039  | 0.011      | mg/Kg | 12/12/25 11:09 | VW121225 |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.0056 | U    | 1  | 0.00096 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 75-34-3        | 1,1-Dichloroethane             | 0.0056 | U    | 1  | 0.00089 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 110-82-7       | Cyclohexane                    | 0.0056 | U    | 1  | 0.00088 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 78-93-3        | 2-Butanone                     | 0.028  | U    | 1  | 0.0073  | 0.028      | mg/Kg | 12/12/25 11:09 | VW121225 |
| 56-23-5        | Carbon Tetrachloride           | 0.0056 | U    | 1  | 0.0011  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.0056 | U    | 1  | 0.00084 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 74-97-5        | Bromochloromethane             | 0.0056 | U    | 1  | 0.0013  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 67-66-3        | Chloroform                     | 0.0056 | U    | 1  | 0.00094 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.0056 | U    | 1  | 0.0010  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 108-87-2       | Methylcyclohexane              | 0.0056 | U    | 1  | 0.0010  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 71-43-2        | Benzene                        | 0.0056 | U    | 1  | 0.00088 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 107-06-2       | 1,2-Dichloroethane             | 0.0056 | U    | 1  | 0.00088 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 79-01-6        | Trichloroethene                | 0.0056 | U    | 1  | 0.00090 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 78-87-5        | 1,2-Dichloropropane            | 0.0056 | U    | 1  | 0.0010  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 75-27-4        | Bromodichloromethane           | 0.0056 | U    | 1  | 0.00087 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.028  | U    | 1  | 0.0040  | 0.028      | mg/Kg | 12/12/25 11:09 | VW121225 |
| 108-88-3       | Toluene                        | 0.0056 | U    | 1  | 0.00087 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.0056 | U    | 1  | 0.00072 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.0056 | U    | 1  | 0.00069 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.0056 | U    | 1  | 0.0010  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 591-78-6       | 2-Hexanone                     | 0.028  | U    | 1  | 0.0041  | 0.028      | mg/Kg | 12/12/25 11:09 | VW121225 |
| 124-48-1       | Dibromochloromethane           | 0.0056 | U    | 1  | 0.00097 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 106-93-4       | 1,2-Dibromoethane              | 0.0056 | U    | 1  | 0.00098 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 127-18-4       | Tetrachloroethene              | 0.0056 | U    | 1  | 0.0012  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 108-90-7       | Chlorobenzene                  | 0.0056 | U    | 1  | 0.0010  | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 100-41-4       | Ethyl Benzene                  | 0.0056 | U    | 1  | 0.00075 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 179601-23-1    | m/p-Xylenes                    | 0.011  | U    | 1  | 0.0014  | 0.011      | mg/Kg | 12/12/25 11:09 | VW121225 |
| 95-47-6        | o-Xylene                       | 0.0056 | U    | 1  | 0.00091 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 100-42-5       | Styrene                        | 0.0056 | U    | 1  | 0.00079 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |
| 75-25-2        | Bromoform                      | 0.0056 | U    | 1  | 0.00096 | 0.0056     | mg/Kg | 12/12/25 11:09 | VW121225 |

## Report of Analysis

|                    |                                           |                 |               |
|--------------------|-------------------------------------------|-----------------|---------------|
| Client:            | PSEG                                      | Date Collected: | 12/11/25      |
| Project:           | Burlington Gas and Appliance Service (BU) | Date Received:  | 12/11/25      |
| Client Sample ID:  | BU-02-12112025                            | SDG No.:        | Q3846         |
| Lab Sample ID:     | Q3846-02                                  | Matrix:         | SOIL          |
| Analytical Method: | 8260D                                     | % Solid:        | 90.5          |
| Sample Wt/Vol:     | 4.96 g                                    | Test:           | VOC-TCLVOA-10 |
|                    | Level: LOW                                |                 |               |
|                    | Final Vol: 5000 uL                        |                 |               |

| CAS Number                | Parameter                   | Conc.             | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|---------------------------|-----------------------------|-------------------|------|----|----------|------------|---------|----------------|----------|
| 98-82-8                   | Isopropylbenzene            | 0.0056            | U    | 1  | 0.00087  | 0.0056     | mg/Kg   | 12/12/25 11:09 | VW121225 |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.0056            | U    | 1  | 0.0013   | 0.0056     | mg/Kg   | 12/12/25 11:09 | VW121225 |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.0056            | U    | 1  | 0.0019   | 0.0056     | mg/Kg   | 12/12/25 11:09 | VW121225 |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.0056            | U    | 1  | 0.0017   | 0.0056     | mg/Kg   | 12/12/25 11:09 | VW121225 |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.0056            | U    | 1  | 0.0016   | 0.0056     | mg/Kg   | 12/12/25 11:09 | VW121225 |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.0056            | U    | 1  | 0.0020   | 0.0056     | mg/Kg   | 12/12/25 11:09 | VW121225 |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.0056            | U    | 1  | 0.0033   | 0.0056     | mg/Kg   | 12/12/25 11:09 | VW121225 |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.0056            | U    | 1  | 0.0035   | 0.0056     | mg/Kg   | 12/12/25 11:09 | VW121225 |
| <b>SURROGATES</b>         |                             |                   |      |    |          |            |         |                |          |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 55.3              |      |    | 63 - 155 | 111%       | SPK: 50 |                |          |
| 1868-53-7                 | Dibromofluoromethane        | 52.1              |      |    | 70 - 134 | 104%       | SPK: 50 |                |          |
| 2037-26-5                 | Toluene-d8                  | 52.9              |      |    | 74 - 123 | 106%       | SPK: 50 |                |          |
| 460-00-4                  | 4-Bromofluorobenzene        | 50.1              |      |    | 52 - 138 | 100%       | SPK: 50 |                |          |
| <b>INTERNAL STANDARDS</b> |                             |                   |      |    |          |            |         |                |          |
|                           |                             | <b>Area Count</b> |      |    |          |            |         |                |          |
| 363-72-4                  | Pentafluorobenzene          | 495000            |      |    |          |            |         |                |          |
| 540-36-3                  | 1,4-Difluorobenzene         | 956000            |      |    |          |            |         |                |          |
| 3114-55-4                 | Chlorobenzene-d5            | 816000            |      |    |          |            |         |                |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 364000            |      |    |          |            |         |                |          |

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