

## Report of Analysis

|                    |                           |                 |              |
|--------------------|---------------------------|-----------------|--------------|
| Client:            | PSEG                      | Date Collected: | 07/03/25     |
| Project:           | Harrison Gas District     | Date Received:  | 07/03/25     |
| Client Sample ID:  | #63025-A-VOC              | SDG No.:        | Q2510        |
| Lab Sample ID:     | Q2510-02                  | Matrix:         | SOIL         |
| Analytical Method: | 8260D                     | % Solid:        | 85.2         |
| Sample Wt/Vol:     | 8.19      Units:    g     | Final Vol:      | 5000      uL |
| Soil Aliquot Vol:  | uL                        | Test:           | VOC-TCL      |
| GC Column:         | RXI-624      ID :    0.25 | Level :         | LOW          |
| Prep Method :      |                           |                 |              |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VY022957.D        | 1         | 07/07/25 14:02 | VY070725      |

| CAS Number     | Parameter                      | Conc.  | Qualifier | MDL     | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|--------|-----------|---------|------------|-------------------|
| <b>TARGETS</b> |                                |        |           |         |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 0.0036 | U         | 0.00082 | 0.0036     | mg/Kg             |
| 74-87-3        | Chloromethane                  | 0.0036 | U         | 0.00082 | 0.0036     | mg/Kg             |
| 75-01-4        | Vinyl Chloride                 | 0.0036 | U         | 0.00057 | 0.0036     | mg/Kg             |
| 74-83-9        | Bromomethane                   | 0.0036 | U         | 0.00077 | 0.0036     | mg/Kg             |
| 75-00-3        | Chloroethane                   | 0.0036 | U         | 0.00090 | 0.0036     | mg/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 0.0036 | U         | 0.00087 | 0.0036     | mg/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.0036 | U         | 0.00076 | 0.0036     | mg/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 0.0036 | U         | 0.00072 | 0.0036     | mg/Kg             |
| 67-64-1        | Acetone                        | 0.023  |           | 0.0034  | 0.018      | mg/Kg             |
| 75-15-0        | Carbon Disulfide               | 0.0036 | U         | 0.00076 | 0.0036     | mg/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.0036 | U         | 0.00052 | 0.0036     | mg/Kg             |
| 79-20-9        | Methyl Acetate                 | 0.0036 | U         | 0.0011  | 0.0036     | mg/Kg             |
| 75-09-2        | Methylene Chloride             | 0.0044 | J         | 0.0025  | 0.0072     | mg/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.0036 | U         | 0.00062 | 0.0036     | mg/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 0.0036 | U         | 0.00057 | 0.0036     | mg/Kg             |
| 110-82-7       | Cyclohexane                    | 0.0036 | U         | 0.00057 | 0.0036     | mg/Kg             |
| 78-93-3        | 2-Butanone                     | 0.018  | U         | 0.0047  | 0.018      | mg/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 0.0036 | U         | 0.00070 | 0.0036     | mg/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.0036 | U         | 0.00054 | 0.0036     | mg/Kg             |
| 74-97-5        | Bromochloromethane             | 0.0036 | U         | 0.00082 | 0.0036     | mg/Kg             |
| 67-66-3        | Chloroform                     | 0.0036 | U         | 0.00060 | 0.0036     | mg/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.0036 | U         | 0.00067 | 0.0036     | mg/Kg             |
| 108-87-2       | Methylcyclohexane              | 0.0021 | J         | 0.00065 | 0.0036     | mg/Kg             |
| 71-43-2        | Benzene                        | 0.0099 |           | 0.00057 | 0.0036     | mg/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 0.0036 | U         | 0.00057 | 0.0036     | mg/Kg             |
| 79-01-6        | Trichloroethene                | 0.0036 | U         | 0.00058 | 0.0036     | mg/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 0.0036 | U         | 0.00065 | 0.0036     | mg/Kg             |
| 75-27-4        | Bromodichloromethane           | 0.0036 | U         | 0.00056 | 0.0036     | mg/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.018  | U         | 0.0026  | 0.018      | mg/Kg             |
| 108-88-3       | Toluene                        | 0.0036 |           | 0.00056 | 0.0036     | mg/Kg             |

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| Project:           | Harrison Gas District | Date Received:  | 07/03/25 |
| Client Sample ID:  | #63025-A-VOC          | SDG No.:        | Q2510    |
| Lab Sample ID:     | Q2510-02              | Matrix:         | SOIL     |
| Analytical Method: | 8260D                 | % Solid:        | 85.2     |
| Sample Wt/Vol:     | 8.19                  | Units:          | g        |
| Soil Aliquot Vol:  |                       |                 | uL       |
| GC Column:         | RXI-624               | Test:           | VOC-TCL  |
| Prep Method :      | ID : 0.25             | Level :         | LOW      |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VY022957.D        | 1         | 07/07/25 14:02 | VY070725      |

| CAS Number  | Parameter                   | Conc.   | Qualifier | MDL     | LOQ / CRQL | Units(Dry Weight) |
|-------------|-----------------------------|---------|-----------|---------|------------|-------------------|
| 10061-02-6  | t-1,3-Dichloropropene       | 0.0036  | U         | 0.00047 | 0.0036     | mg/Kg             |
| 10061-01-5  | cis-1,3-Dichloropropene     | 0.0036  | U         | 0.00044 | 0.0036     | mg/Kg             |
| 79-00-5     | 1,1,2-Trichloroethane       | 0.0036  | U         | 0.00066 | 0.0036     | mg/Kg             |
| 591-78-6    | 2-Hexanone                  | 0.018   | U         | 0.0026  | 0.018      | mg/Kg             |
| 124-48-1    | Dibromochloromethane        | 0.0036  | U         | 0.00062 | 0.0036     | mg/Kg             |
| 106-93-4    | 1,2-Dibromoethane           | 0.0036  | U         | 0.00063 | 0.0036     | mg/Kg             |
| 127-18-4    | Tetrachloroethene           | 0.0036  | U         | 0.00075 | 0.0036     | mg/Kg             |
| 108-90-7    | Chlorobenzene               | 0.0036  | U         | 0.00065 | 0.0036     | mg/Kg             |
| 100-41-4    | Ethyl Benzene               | 0.0015  | J         | 0.00048 | 0.0036     | mg/Kg             |
| 179601-23-1 | m/p-Xylenes                 | 0.0028  | J         | 0.00089 | 0.0072     | mg/Kg             |
| 95-47-6     | o-Xylene                    | 0.00096 | J         | 0.00059 | 0.0036     | mg/Kg             |
| 100-42-5    | Styrene                     | 0.0036  | U         | 0.00051 | 0.0036     | mg/Kg             |
| 75-25-2     | Bromoform                   | 0.0036  | U         | 0.00062 | 0.0036     | mg/Kg             |
| 98-82-8     | Isopropylbenzene            | 0.0018  | J         | 0.00056 | 0.0036     | mg/Kg             |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | 0.0036  | U         | 0.00087 | 0.0036     | mg/Kg             |
| 541-73-1    | 1,3-Dichlorobenzene         | 0.0036  | U         | 0.0012  | 0.0036     | mg/Kg             |
| 106-46-7    | 1,4-Dichlorobenzene         | 0.0036  | U         | 0.0011  | 0.0036     | mg/Kg             |
| 95-50-1     | 1,2-Dichlorobenzene         | 0.0036  | U         | 0.0010  | 0.0036     | mg/Kg             |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | 0.0036  | U         | 0.0013  | 0.0036     | mg/Kg             |
| 120-82-1    | 1,2,4-Trichlorobenzene      | 0.0036  | U         | 0.0021  | 0.0036     | mg/Kg             |
| 87-61-6     | 1,2,3-Trichlorobenzene      | 0.0036  | U         | 0.0023  | 0.0036     | mg/Kg             |

## SURROGATES

|            |                       |      |          |      |         |
|------------|-----------------------|------|----------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 52.2 | 63 - 155 | 104% | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 49.9 | 70 - 134 | 100% | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 52.0 | 74 - 123 | 104% | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 59.1 | 17 - 146 | 118% | SPK: 50 |

## INTERNAL STANDARDS

|           |                        |        |        |
|-----------|------------------------|--------|--------|
| 363-72-4  | Pentafluorobenzene     | 291000 | 7.707  |
| 540-36-3  | 1,4-Difluorobenzene    | 558000 | 8.616  |
| 3114-55-4 | Chlorobenzene-d5       | 558000 | 11.414 |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 229000 | 13.346 |

### TENTATIVE IDENTIFIED COMPOUNDS

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| Project:           | Harrison Gas District             | Date Received:  | 07/03/25             |
| Client Sample ID:  | #63025-A-VOC                      | SDG No.:        | Q2510                |
| Lab Sample ID:     | Q2510-02                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 85.2                 |
| Sample Wt/Vol:     | 8.19      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCL              |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VY022957.D        | 1         | 07/07/25 14:02 | VY070725      |

| CAS Number  | Parameter                             | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|-------------|---------------------------------------|-------|-----------|-----|------------|-------------------|
| 000560-21-4 | Pentane, 2,3,3-trimethyl-             | 17.9  | J         |     | 9.68       | ug/Kg             |
| 103-65-1    | n-propylbenzene                       | 3.60  | J         |     | 12.6       | ug/Kg             |
| 95-63-6     | 1,2,4-Trimethylbenzene                | 1.00  | J         |     | 13.0       | ug/Kg             |
| 135-98-8    | sec-Butylbenzene                      | 3.50  | J         |     | 13.2       | ug/Kg             |
| 000105-05-5 | Benzene, 1,4-diethyl-                 | 23.6  | J         |     | 13.5       | ug/Kg             |
| 104-51-8    | n-Butylbenzene                        | 4.30  | J         |     | 13.6       | ug/Kg             |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl-        | 40.3  | J         |     | 13.9       | ug/Kg             |
| 000934-10-1 | 3-Phenylbut-1-ene                     | 23.0  | J         |     | 14.0       | ug/Kg             |
| 000527-53-7 | Benzene, 1,2,3,5-tetramethyl-         | 46.2  | J         |     | 14.2       | ug/Kg             |
| 002039-89-6 | Benzene, 2-ethenyl-1,4-dimethyl-      | 16.3  | J         |     | 14.5       | ug/Kg             |
| 000874-35-1 | 1H-Indene, 2,3-dihydro-5-methyl-      | 25.7  | J         |     | 14.6       | ug/Kg             |
| 001595-16-0 | Benzene, 1-methyl-4-(1-methylpropyl)- | 14.7  | J         |     | 14.7       | ug/Kg             |
| 004218-48-8 | Benzene, 1-ethyl-4-(1-methylethyl)-   | 28.5  | J         |     | 14.9       | ug/Kg             |
| 053172-84-2 | Benzene, (1-methyl-1-butenyl)-        | 20.1  | J         |     | 15.0       | ug/Kg             |
| 91-20-3     | Naphthalene                           | 2.40  | J         |     | 15.1       | 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