

## LAB CHRONICLE

|                 |                    |                   |                                        |
|-----------------|--------------------|-------------------|----------------------------------------|
| <b>OrderID:</b> | Q1914              | <b>OrderDate:</b> | 4/29/2025 2:19:16 PM                   |
| <b>Client:</b>  | CDM Smith          | <b>Project:</b>   | Con Ed UTEN Mount Vernon, NY           |
| <b>Contact:</b> | Marcie Ann Encinas | <b>Location:</b>  | L41,VOA Ref. #2 Soil,VOA Ref. #3 Water |

| LabID                    | ClientID        | Matrix      | Test         | Method | Sample Date     | Prep Date | Anal Date | Received        |
|--------------------------|-----------------|-------------|--------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1914-01</b>          | <b>SS-1</b>     | <b>SOIL</b> | VOCMS Group3 | 8260D  | <b>04/28/25</b> |           | 05/01/25  | <b>04/29/25</b> |
| <b>Q1914-02</b>          | <b>SS-91</b>    | <b>SOIL</b> | VOCMS Group3 | 8260D  | <b>04/28/25</b> |           | 05/01/25  | <b>04/29/25</b> |
| <b>Q1914-03</b>          | <b>SS-2</b>     | <b>SOIL</b> | VOCMS Group3 | 8260D  | <b>04/28/25</b> |           | 05/01/25  | <b>04/29/25</b> |
| <b>Q1914-04</b>          | <b>SS-3</b>     | <b>SOIL</b> | VOCMS Group3 | 8260D  | <b>04/28/25</b> |           | 05/01/25  | <b>04/29/25</b> |
| <b>Q1914-05</b>          | <b>SS-4</b>     | <b>SOIL</b> | VOCMS Group3 | 8260D  | <b>04/28/25</b> |           | 05/01/25  | <b>04/29/25</b> |
| <b>Q1914-06</b>          | <b>SS-5</b>     | <b>SOIL</b> | VOCMS Group3 | 8260D  | <b>04/28/25</b> |           | 05/01/25  | <b>04/29/25</b> |
| <b>Q1914-06ME</b>        | <b>SS-5ME</b>   | <b>SOIL</b> | VOCMS Group3 | 8260D  | <b>04/28/25</b> |           | 05/06/25  | <b>04/29/25</b> |
| <b>Q1914-07</b>          | <b>SS-6</b>     | <b>SOIL</b> | VOCMS Group3 | 8260D  | <b>04/28/25</b> |           | 05/01/25  | <b>04/29/25</b> |
| <b>Q1914-07ME</b>        | <b>SS-6ME</b>   | <b>SOIL</b> | VOCMS Group3 | 8260D  | <b>04/28/25</b> |           | 05/06/25  | <b>04/29/25</b> |
| <b>Q1914-07ME<br/>DL</b> | <b>SS-6MEDL</b> | <b>SOIL</b> | VOCMS Group3 | 8260D  | <b>04/28/25</b> |           | 05/05/25  | <b>04/29/25</b> |
| <b>Q1914-08</b>          | <b>SS-7</b>     | <b>SOIL</b> | VOCMS Group3 | 8260D  | <b>04/28/25</b> |           | 05/06/25  | <b>04/29/25</b> |

## LAB CHRONICLE

|                          |                   |              |              |          |                 |          |                 |
|--------------------------|-------------------|--------------|--------------|----------|-----------------|----------|-----------------|
| <b>Q1914-08DL</b>        | <b>SS-7DL</b>     | <b>SOIL</b>  | VOCMS Group3 | 8260D    | <b>04/28/25</b> | 05/05/25 | <b>04/29/25</b> |
| <b>Q1914-09</b>          | <b>SS-8</b>       | <b>SOIL</b>  | VOCMS Group3 | 8260D    | <b>04/28/25</b> | 05/01/25 | <b>04/29/25</b> |
| <b>Q1914-09ME</b>        | <b>SS-8ME</b>     | <b>SOIL</b>  | VOCMS Group3 | 8260D    | <b>04/28/25</b> | 05/06/25 | <b>04/29/25</b> |
| <b>Q1914-09ME<br/>DL</b> | <b>SS-8MEDL</b>   | <b>SOIL</b>  | VOCMS Group3 | 8260D    | <b>04/28/25</b> | 05/05/25 | <b>04/29/25</b> |
| <b>Q1914-12</b>          | <b>SS-9</b>       | <b>SOIL</b>  | VOCMS Group3 | 8260D    | <b>04/28/25</b> | 05/06/25 | <b>04/29/25</b> |
| <b>Q1914-14</b>          | <b>FB04282025</b> | <b>Water</b> | VOCMS Group3 | 8260-Low | <b>04/28/25</b> | 04/30/25 | <b>04/29/25</b> |

### Hit Summary Sheet SW-846

SDG No.: Q1914  
Client: CDM Smith

| Sample ID         | Client ID     | Matrix | Parameter                   | Concentration | C  | MDL  | RDL  | Units |
|-------------------|---------------|--------|-----------------------------|---------------|----|------|------|-------|
| <b>Client ID:</b> | <b>SS-91</b>  |        |                             |               |    |      |      |       |
| Q1914-02          | SS-91         | SOIL   | 1,3,5-Trimethylbenzene      | 0.87          | J  | 0.62 | 3.80 | ug/Kg |
|                   |               |        | <b>Total Voc :</b>          | 0.87          |    |      |      |       |
|                   |               |        | <b>Total Concentration:</b> | 0.87          |    |      |      |       |
| <b>Client ID:</b> | <b>SS-5</b>   |        |                             |               |    |      |      |       |
| Q1914-06          | SS-5          | SOIL   | Benzene                     | 21.6          |    | 0.57 | 3.60 | ug/Kg |
| Q1914-06          | SS-5          | SOIL   | Toluene                     | 110           | E  | 0.56 | 3.60 | ug/Kg |
| Q1914-06          | SS-5          | SOIL   | Ethyl Benzene               | 350           | E  | 0.48 | 3.60 | ug/Kg |
| Q1914-06          | SS-5          | SOIL   | Total Xylenes               | 1980          | E  | 1.48 | 10.8 | ug/Kg |
| Q1914-06          | SS-5          | SOIL   | Isopropylbenzene            | 85.4          |    | 0.56 | 3.60 | ug/Kg |
| Q1914-06          | SS-5          | SOIL   | n-propylbenzene             | 210           | E  | 0.53 | 3.60 | ug/Kg |
| Q1914-06          | SS-5          | SOIL   | 1,3,5-Trimethylbenzene      | 390           | E  | 0.59 | 3.60 | ug/Kg |
| Q1914-06          | SS-5          | SOIL   | 1,2,4-Trimethylbenzene      | 970           | E  | 0.46 | 3.60 | ug/Kg |
| Q1914-06          | SS-5          | SOIL   | sec-Butylbenzene            | 64.7          |    | 0.47 | 3.60 | ug/Kg |
| Q1914-06          | SS-5          | SOIL   | p-Isopropyltoluene          | 44.4          |    | 0.45 | 3.60 | ug/Kg |
| Q1914-06          | SS-5          | SOIL   | n-Butylbenzene              | 85.8          |    | 1.00 | 3.60 | ug/Kg |
|                   |               |        | <b>Total Voc :</b>          | 4310          |    |      |      |       |
|                   |               |        | <b>Total Concentration:</b> | 4310          |    |      |      |       |
| <b>Client ID:</b> | <b>SS-5ME</b> |        |                             |               |    |      |      |       |
| Q1914-06ME        | SS-5ME        | SOIL   | Benzene                     | 88.0          | JD | 30.0 | 190  | ug/Kg |
| Q1914-06ME        | SS-5ME        | SOIL   | Toluene                     | 230           | D  | 29.6 | 190  | ug/Kg |
| Q1914-06ME        | SS-5ME        | SOIL   | Ethyl Benzene               | 1100          | D  | 25.4 | 190  | ug/Kg |
| Q1914-06ME        | SS-5ME        | SOIL   | Total Xylenes               | 4400          | D  | 78.1 | 570  | ug/Kg |
| Q1914-06ME        | SS-5ME        | SOIL   | Isopropylbenzene            | 260           | D  | 29.6 | 190  | ug/Kg |
| Q1914-06ME        | SS-5ME        | SOIL   | n-propylbenzene             | 650           | D  | 27.7 | 190  | ug/Kg |
| Q1914-06ME        | SS-5ME        | SOIL   | 1,3,5-Trimethylbenzene      | 930           | D  | 31.1 | 190  | ug/Kg |
| Q1914-06ME        | SS-5ME        | SOIL   | 1,2,4-Trimethylbenzene      | 3800          | D  | 24.3 | 190  | ug/Kg |
| Q1914-06ME        | SS-5ME        | SOIL   | sec-Butylbenzene            | 230           | D  | 25.0 | 190  | ug/Kg |
| Q1914-06ME        | SS-5ME        | SOIL   | p-Isopropyltoluene          | 150           | JD | 23.5 | 190  | ug/Kg |
| Q1914-06ME        | SS-5ME        | SOIL   | n-Butylbenzene              | 370           | D  | 55.0 | 190  | ug/Kg |
|                   |               |        | <b>Total Voc :</b>          | 12200         |    |      |      |       |
|                   |               |        | <b>Total Concentration:</b> | 12200         |    |      |      |       |
| <b>Client ID:</b> | <b>SS-6</b>   |        |                             |               |    |      |      |       |
| Q1914-07          | SS-6          | SOIL   | Benzene                     | 12.3          |    | 0.57 | 3.60 | ug/Kg |
| Q1914-07          | SS-6          | SOIL   | Toluene                     | 21.5          |    | 0.56 | 3.60 | ug/Kg |
| Q1914-07          | SS-6          | SOIL   | Ethyl Benzene               | 240           | E  | 0.48 | 3.60 | ug/Kg |
| Q1914-07          | SS-6          | SOIL   | Total Xylenes               | 1540          | E  | 1.48 | 10.8 | ug/Kg |
| Q1914-07          | SS-6          | SOIL   | Isopropylbenzene            | 71.9          |    | 0.56 | 3.60 | ug/Kg |

### Hit Summary Sheet SW-846

**SDG No.:** Q1914

**Client:** CDM Smith

| Sample ID            | Client ID | Matrix | Parameter              | Concentration | C  | MDL  | RDL   | Units |
|----------------------|-----------|--------|------------------------|---------------|----|------|-------|-------|
| Q1914-07             | SS-6      | SOIL   | n-propylbenzene        | 180           | E  | 0.52 | 3.60  | ug/Kg |
| Q1914-07             | SS-6      | SOIL   | 1,3,5-Trimethylbenzene | 440           | E  | 0.59 | 3.60  | ug/Kg |
| Q1914-07             | SS-6      | SOIL   | 1,2,4-Trimethylbenzene | 760           | E  | 0.46 | 3.60  | ug/Kg |
| Q1914-07             | SS-6      | SOIL   | sec-Butylbenzene       | 72.3          |    | 0.47 | 3.60  | ug/Kg |
| Q1914-07             | SS-6      | SOIL   | p-Isopropyltoluene     | 51.0          |    | 0.44 | 3.60  | ug/Kg |
| Q1914-07             | SS-6      | SOIL   | n-Butylbenzene         | 100           |    | 1.00 | 3.60  | ug/Kg |
| Total Voc :          |           |        |                        | 3490          |    |      |       |       |
| Total Concentration: |           |        |                        | 3490          |    |      |       |       |
| Client ID:           | SS-6ME    |        |                        |               |    |      |       |       |
| Q1914-07ME           | SS-6ME    | SOIL   | Benzene                | 170           | JD | 31.1 | 200   | ug/Kg |
| Q1914-07ME           | SS-6ME    | SOIL   | Toluene                | 1600          | D  | 30.7 | 200   | ug/Kg |
| Q1914-07ME           | SS-6ME    | SOIL   | Ethyl Benzene          | 5300          | ED | 26.3 | 200   | ug/Kg |
| Q1914-07ME           | SS-6ME    | SOIL   | Total Xylenes          | 31900         | ED | 80.9 | 590   | ug/Kg |
| Q1914-07ME           | SS-6ME    | SOIL   | Isopropylbenzene       | 1700          | D  | 30.7 | 200   | ug/Kg |
| Q1914-07ME           | SS-6ME    | SOIL   | n-propylbenzene        | 4900          | ED | 28.7 | 200   | ug/Kg |
| Q1914-07ME           | SS-6ME    | SOIL   | 1,3,5-Trimethylbenzene | 8000          | ED | 32.2 | 200   | ug/Kg |
| Q1914-07ME           | SS-6ME    | SOIL   | 1,2,4-Trimethylbenzene | 29500         | ED | 25.2 | 200   | ug/Kg |
| Q1914-07ME           | SS-6ME    | SOIL   | sec-Butylbenzene       | 2000          | D  | 25.9 | 200   | ug/Kg |
| Q1914-07ME           | SS-6ME    | SOIL   | p-Isopropyltoluene     | 1400          | D  | 24.4 | 200   | ug/Kg |
| Q1914-07ME           | SS-6ME    | SOIL   | n-Butylbenzene         | 3500          | D  | 57.0 | 200   | ug/Kg |
| Total Voc :          |           |        |                        | 90000         |    |      |       |       |
| Total Concentration: |           |        |                        | 90000         |    |      |       |       |
| Client ID:           | SS-6MEDL  |        |                        |               |    |      |       |       |
| Q1914-07MEDL         | SS-6MEDL  | SOIL   | Toluene                | 1500          | JD | 610  | 3900  | ug/Kg |
| Q1914-07MEDL         | SS-6MEDL  | SOIL   | Ethyl Benzene          | 4700          | D  | 530  | 3900  | ug/Kg |
| Q1914-07MEDL         | SS-6MEDL  | SOIL   | Total Xylenes          | 27900         | D  | 1610 | 11800 | ug/Kg |
| Q1914-07MEDL         | SS-6MEDL  | SOIL   | Isopropylbenzene       | 1700          | JD | 610  | 3900  | ug/Kg |
| Q1914-07MEDL         | SS-6MEDL  | SOIL   | n-propylbenzene        | 4500          | D  | 570  | 3900  | ug/Kg |
| Q1914-07MEDL         | SS-6MEDL  | SOIL   | 1,3,5-Trimethylbenzene | 7600          | D  | 640  | 3900  | ug/Kg |
| Q1914-07MEDL         | SS-6MEDL  | SOIL   | 1,2,4-Trimethylbenzene | 28100         | D  | 500  | 3900  | ug/Kg |
| Q1914-07MEDL         | SS-6MEDL  | SOIL   | sec-Butylbenzene       | 1900          | JD | 520  | 3900  | ug/Kg |
| Q1914-07MEDL         | SS-6MEDL  | SOIL   | p-Isopropyltoluene     | 1300          | JD | 490  | 3900  | ug/Kg |
| Q1914-07MEDL         | SS-6MEDL  | SOIL   | n-Butylbenzene         | 2900          | JD | 1100 | 3900  | ug/Kg |
| Total Voc :          |           |        |                        | 82100         |    |      |       |       |
| Total Concentration: |           |        |                        | 82100         |    |      |       |       |
| Client ID:           | SS-7      |        |                        |               |    |      |       |       |
| Q1914-08             | SS-7      | SOIL   | Benzene                | 120           | J  | 30.8 | 200   | ug/Kg |
| Q1914-08             | SS-7      | SOIL   | Toluene                | 1400          |    | 30.4 | 200   | ug/Kg |



### Hit Summary Sheet SW-846

**SDG No.:** Q1914

**Client:** CDM Smith

| Sample ID                   | Client ID     | Matrix | Parameter              | Concentration | C  | MDL  | RDL   | Units |
|-----------------------------|---------------|--------|------------------------|---------------|----|------|-------|-------|
| Q1914-08                    | SS-7          | SOIL   | Ethyl Benzene          | 2200          |    | 26.1 | 200   | ug/Kg |
| Q1914-08                    | SS-7          | SOIL   | Total Xylenes          | 12600         |    | 80.4 | 590   | ug/Kg |
| Q1914-08                    | SS-7          | SOIL   | Isopropylbenzene       | 670           |    | 30.4 | 200   | ug/Kg |
| Q1914-08                    | SS-7          | SOIL   | n-propylbenzene        | 1900          |    | 28.5 | 200   | ug/Kg |
| Q1914-08                    | SS-7          | SOIL   | 1,3,5-Trimethylbenzene | 2900          |    | 32.0 | 200   | ug/Kg |
| Q1914-08                    | SS-7          | SOIL   | 1,2,4-Trimethylbenzene | 11000         | E  | 25.0 | 200   | ug/Kg |
| Q1914-08                    | SS-7          | SOIL   | sec-Butylbenzene       | 780           |    | 25.7 | 200   | ug/Kg |
| Q1914-08                    | SS-7          | SOIL   | p-Isopropyltoluene     | 520           |    | 24.2 | 200   | ug/Kg |
| Q1914-08                    | SS-7          | SOIL   | n-Butylbenzene         | 1200          |    | 56.6 | 200   | ug/Kg |
| <b>Total Voc :</b>          |               |        |                        | 35300         |    |      |       |       |
| <b>Total Concentration:</b> |               |        |                        | 35300         |    |      |       |       |
| <b>Client ID:</b>           | <b>SS-7DL</b> |        |                        |               |    |      |       |       |
| Q1914-08DL                  | SS-7DL        | SOIL   | Toluene                | 1300          | JD | 610  | 3900  | ug/Kg |
| Q1914-08DL                  | SS-7DL        | SOIL   | Ethyl Benzene          | 2200          | JD | 520  | 3900  | ug/Kg |
| Q1914-08DL                  | SS-7DL        | SOIL   | Total Xylenes          | 12200         | D  | 1610 | 11700 | ug/Kg |
| Q1914-08DL                  | SS-7DL        | SOIL   | Isopropylbenzene       | 640           | JD | 610  | 3900  | ug/Kg |
| Q1914-08DL                  | SS-7DL        | SOIL   | n-propylbenzene        | 1800          | JD | 570  | 3900  | ug/Kg |
| Q1914-08DL                  | SS-7DL        | SOIL   | 1,3,5-Trimethylbenzene | 3000          | JD | 640  | 3900  | ug/Kg |
| Q1914-08DL                  | SS-7DL        | SOIL   | 1,2,4-Trimethylbenzene | 11200         | D  | 500  | 3900  | ug/Kg |
| Q1914-08DL                  | SS-7DL        | SOIL   | sec-Butylbenzene       | 760           | JD | 510  | 3900  | ug/Kg |
| Q1914-08DL                  | SS-7DL        | SOIL   | p-Isopropyltoluene     | 560           | JD | 480  | 3900  | ug/Kg |
| <b>Total Voc :</b>          |               |        |                        | 33700         |    |      |       |       |
| <b>Total Concentration:</b> |               |        |                        | 33700         |    |      |       |       |
| <b>Client ID:</b>           | <b>SS-8</b>   |        |                        |               |    |      |       |       |
| Q1914-09                    | SS-8          | SOIL   | Benzene                | 19.9          |    | 0.55 | 3.50  | ug/Kg |
| Q1914-09                    | SS-8          | SOIL   | Toluene                | 640           | E  | 0.55 | 3.50  | ug/Kg |
| Q1914-09                    | SS-8          | SOIL   | Ethyl Benzene          | 780           | E  | 0.47 | 3.50  | ug/Kg |
| Q1914-09                    | SS-8          | SOIL   | Total Xylenes          | 4200          | E  | 1.44 | 10.5  | ug/Kg |
| Q1914-09                    | SS-8          | SOIL   | Isopropylbenzene       | 320           | E  | 0.55 | 3.50  | ug/Kg |
| Q1914-09                    | SS-8          | SOIL   | n-propylbenzene        | 420           | E  | 0.51 | 3.50  | ug/Kg |
| Q1914-09                    | SS-8          | SOIL   | 1,3,5-Trimethylbenzene | 470           | E  | 0.57 | 3.50  | ug/Kg |
| Q1914-09                    | SS-8          | SOIL   | 1,2,4-Trimethylbenzene | 710           | E  | 0.45 | 3.50  | ug/Kg |
| Q1914-09                    | SS-8          | SOIL   | sec-Butylbenzene       | 280           | E  | 0.46 | 3.50  | ug/Kg |
| Q1914-09                    | SS-8          | SOIL   | p-Isopropyltoluene     | 180           | E  | 0.43 | 3.50  | ug/Kg |
| Q1914-09                    | SS-8          | SOIL   | n-Butylbenzene         | 320           | E  | 1.00 | 3.50  | ug/Kg |
| <b>Total Voc :</b>          |               |        |                        | 8340          |    |      |       |       |
| <b>Total Concentration:</b> |               |        |                        | 8340          |    |      |       |       |
| <b>Client ID:</b>           | <b>SS-8ME</b> |        |                        |               |    |      |       |       |

### Hit Summary Sheet SW-846

**SDG No.:** Q1914

**Client:** CDM Smith

| Sample ID            | Client ID | Matrix | Parameter              | Concentration | C  | MDL  | RDL   | Units |
|----------------------|-----------|--------|------------------------|---------------|----|------|-------|-------|
| Q1914-09ME           | SS-8ME    | SOIL   | Benzene                | 61.4          | JD | 26.7 | 170   | ug/Kg |
| Q1914-09ME           | SS-8ME    | SOIL   | Toluene                | 1200          | D  | 26.4 | 170   | ug/Kg |
| Q1914-09ME           | SS-8ME    | SOIL   | Ethyl Benzene          | 2900          | D  | 22.7 | 170   | ug/Kg |
| Q1914-09ME           | SS-8ME    | SOIL   | Total Xylenes          | 16700         | ED | 69.6 | 510   | ug/Kg |
| Q1914-09ME           | SS-8ME    | SOIL   | Isopropylbenzene       | 990           | D  | 26.4 | 170   | ug/Kg |
| Q1914-09ME           | SS-8ME    | SOIL   | n-propylbenzene        | 3000          | D  | 24.7 | 170   | ug/Kg |
| Q1914-09ME           | SS-8ME    | SOIL   | 1,3,5-Trimethylbenzene | 5100          | ED | 27.7 | 170   | ug/Kg |
| Q1914-09ME           | SS-8ME    | SOIL   | 1,2,4-Trimethylbenzene | 18300         | ED | 21.6 | 170   | ug/Kg |
| Q1914-09ME           | SS-8ME    | SOIL   | sec-Butylbenzene       | 1300          | D  | 22.3 | 170   | ug/Kg |
| Q1914-09ME           | SS-8ME    | SOIL   | p-Isopropyltoluene     | 940           | D  | 21.0 | 170   | ug/Kg |
| Q1914-09ME           | SS-8ME    | SOIL   | n-Butylbenzene         | 2400          | D  | 49.0 | 170   | ug/Kg |
| Total Voc :          |           |        |                        | 52900         |    |      |       |       |
| Total Concentration: |           |        |                        | 52900         |    |      |       |       |
| Client ID:           | SS-8MEDL  |        |                        |               |    |      |       |       |
| Q1914-09MEDL         | SS-8MEDL  | SOIL   | Toluene                | 1100          | JD | 530  | 3400  | ug/Kg |
| Q1914-09MEDL         | SS-8MEDL  | SOIL   | Ethyl Benzene          | 2700          | JD | 450  | 3400  | ug/Kg |
| Q1914-09MEDL         | SS-8MEDL  | SOIL   | Total Xylenes          | 15200         | D  | 1390 | 10200 | ug/Kg |
| Q1914-09MEDL         | SS-8MEDL  | SOIL   | Isopropylbenzene       | 1000          | JD | 530  | 3400  | ug/Kg |
| Q1914-09MEDL         | SS-8MEDL  | SOIL   | n-propylbenzene        | 2900          | JD | 490  | 3400  | ug/Kg |
| Q1914-09MEDL         | SS-8MEDL  | SOIL   | 1,3,5-Trimethylbenzene | 5200          | D  | 550  | 3400  | ug/Kg |
| Q1914-09MEDL         | SS-8MEDL  | SOIL   | 1,2,4-Trimethylbenzene | 18900         | D  | 430  | 3400  | ug/Kg |
| Q1914-09MEDL         | SS-8MEDL  | SOIL   | sec-Butylbenzene       | 1300          | JD | 450  | 3400  | ug/Kg |
| Q1914-09MEDL         | SS-8MEDL  | SOIL   | p-Isopropyltoluene     | 900           | JD | 420  | 3400  | ug/Kg |
| Q1914-09MEDL         | SS-8MEDL  | SOIL   | n-Butylbenzene         | 2100          | JD | 980  | 3400  | ug/Kg |
| Total Voc :          |           |        |                        | 51300         |    |      |       |       |
| Total Concentration: |           |        |                        | 51300         |    |      |       |       |



# SAMPLE DATA

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | CDM Smith                                 | Date Collected: | 04/28/25                     |
| Project:           | Con Ed UTEN Mount Vernon, NY              | Date Received:  | 04/29/25                     |
| Client Sample ID:  | SS-1                                      | SDG No.:        | Q1914                        |
| Lab Sample ID:     | Q1914-01                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 88.7                         |
| Sample Wt/Vol:     | 7.72      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOCMS Group3                 |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022107.D        | 1         |           | 05/01/25 15:02 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 3.70   | U         | 0.58     | 3.70       | ug/Kg             |
| 108-88-3                  | Toluene                | 3.70   | U         | 0.57     | 3.70       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 3.70   | U         | 0.49     | 3.70       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 11.0   | U         | 1.51     | 11.0       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 3.70   | U         | 0.57     | 3.70       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 3.70   | U         | 0.53     | 3.70       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 3.70   | U         | 0.60     | 3.70       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3.70   | U         | 0.49     | 3.70       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 3.70   | U         | 0.47     | 3.70       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 3.70   | U         | 0.48     | 3.70       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 3.70   | U         | 0.45     | 3.70       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 3.70   | U         | 1.10     | 3.70       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 46.7   |           | 63 - 155 | 93%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 48.7   |           | 70 - 134 | 97%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 47.7   |           | 74 - 123 | 95%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 43.8   |           | 38 - 136 | 88%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 324000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 598000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 535000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 218000 | 13.346    |          |            |                   |

U = Not Detected

LOQ = Limit of Quantitation

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\* = Values outside of QC limits

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
| Client:            | CDM Smith                    | Date Collected: | 04/28/25     |
| Project:           | Con Ed UTEN Mount Vernon, NY | Date Received:  | 04/29/25     |
| Client Sample ID:  | SS-91                        | SDG No.:        | Q1914        |
| Lab Sample ID:     | Q1914-02                     | Matrix:         | SOIL         |
| Analytical Method: | 8260D                        | % Solid:        | 86.5         |
| Sample Wt/Vol:     | 7.6      Units:    g         | Final Vol:      | 5000      uL |
| Soil Aliquot Vol:  | uL                           | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624      ID :    0.25    | Level :         | LOW          |
| Prep Method :      |                              |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022108.D        | 1         |           | 05/01/25 15:28 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 3.80   | U         | 0.60     | 3.80       | ug/Kg             |
| 108-88-3                  | Toluene                | 3.80   | U         | 0.59     | 3.80       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 3.80   | U         | 0.51     | 3.80       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 11.4   | U         | 1.56     | 11.4       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 3.80   | U         | 0.59     | 3.80       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 3.80   | U         | 0.56     | 3.80       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 0.87   | J         | 0.62     | 3.80       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3.80   | U         | 0.51     | 3.80       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 3.80   | U         | 0.49     | 3.80       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 3.80   | U         | 0.50     | 3.80       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 3.80   | U         | 0.47     | 3.80       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 3.80   | U         | 1.10     | 3.80       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 43.1   |           | 63 - 155 | 86%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 46.8   |           | 70 - 134 | 94%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 48.4   |           | 74 - 123 | 97%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 44.5   |           | 38 - 136 | 89%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 377000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 687000 | 8.615     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 619000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 255000 | 13.346    |          |            |                   |

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## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-2                              | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-03                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 84.1                 |
| Sample Wt/Vol:     | 8.24      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022109.D        | 1         |           | 05/01/25 16:04 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 3.60   | U         | 0.57     | 3.60       | ug/Kg             |
| 108-88-3                  | Toluene                | 3.60   | U         | 0.56     | 3.60       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 3.60   | U         | 0.48     | 3.60       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 10.8   | U         | 1.48     | 10.8       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 3.60   | U         | 0.56     | 3.60       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 3.60   | U         | 0.53     | 3.60       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 3.60   | U         | 0.59     | 3.60       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3.60   | U         | 0.48     | 3.60       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 3.60   | U         | 0.46     | 3.60       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 3.60   | U         | 0.48     | 3.60       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 3.60   | U         | 0.45     | 3.60       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 3.60   | U         | 1.00     | 3.60       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 54.8   |           | 63 - 155 | 110%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 50.6   |           | 70 - 134 | 101%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 48.3   |           | 74 - 123 | 97%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 48.0   |           | 38 - 136 | 96%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 335000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 631000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 599000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 259000 | 13.346    |          |            |                   |

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## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-3                              | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-04                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 87.5                 |
| Sample Wt/Vol:     | 7.62      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022110.D        | 1         |           | 05/01/25 16:27 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 3.70   | U         | 0.59     | 3.70       | ug/Kg             |
| 108-88-3                  | Toluene                | 3.70   | U         | 0.58     | 3.70       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 3.70   | U         | 0.50     | 3.70       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 11.2   | U         | 1.54     | 11.2       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 3.70   | U         | 0.58     | 3.70       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 3.70   | U         | 0.55     | 3.70       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 3.70   | U         | 0.61     | 3.70       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3.70   | U         | 0.50     | 3.70       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 3.70   | U         | 0.48     | 3.70       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 3.70   | U         | 0.49     | 3.70       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 3.70   | U         | 0.46     | 3.70       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 3.70   | U         | 1.10     | 3.70       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 50.8   |           | 63 - 155 | 102%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 49.7   |           | 70 - 134 | 99%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 48.0   |           | 74 - 123 | 96%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 45.0   |           | 38 - 136 | 90%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 334000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 624000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 569000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 236000 | 13.346    |          |            |                   |

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## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-4                              | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-05                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 86.5                 |
| Sample Wt/Vol:     | 7.07      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022111.D        | 1         |           | 05/01/25 16:49 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 4.10   | U         | 0.65     | 4.10       | ug/Kg             |
| 108-88-3                  | Toluene                | 4.10   | U         | 0.64     | 4.10       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 4.10   | U         | 0.55     | 4.10       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 12.3   | U         | 1.67     | 12.3       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 4.10   | U         | 0.64     | 4.10       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 4.10   | U         | 0.60     | 4.10       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 4.10   | U         | 0.67     | 4.10       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 4.10   | U         | 0.55     | 4.10       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 4.10   | U         | 0.52     | 4.10       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 4.10   | U         | 0.54     | 4.10       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 4.10   | U         | 0.51     | 4.10       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 4.10   | U         | 1.20     | 4.10       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 50.7   |           | 63 - 155 | 101%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 49.4   |           | 70 - 134 | 99%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 47.2   |           | 74 - 123 | 94%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 39.7   |           | 38 - 136 | 79%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 330000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 612000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 536000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 200000 | 13.346    |          |            |                   |

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## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-5                              | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-06                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 89.7                 |
| Sample Wt/Vol:     | 7.75      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022112.D        | 1         |           | 05/01/25 17:16 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 21.6   |           | 0.57     | 3.60       | ug/Kg             |
| 108-88-3                  | Toluene                | 110    | E         | 0.56     | 3.60       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 350    | E         | 0.48     | 3.60       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 1980   | E         | 1.48     | 10.8       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 85.4   |           | 0.56     | 3.60       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 210    | E         | 0.53     | 3.60       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 390    | E         | 0.59     | 3.60       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3.60   | U         | 0.48     | 3.60       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 970    | E         | 0.46     | 3.60       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 64.7   |           | 0.47     | 3.60       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 44.4   |           | 0.45     | 3.60       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 85.8   |           | 1.00     | 3.60       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 47.8   |           | 63 - 155 | 96%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 49.1   |           | 70 - 134 | 98%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 58.2   |           | 74 - 123 | 116%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 55.5   |           | 38 - 136 | 111%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 349000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 593000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 525000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 237000 | 13.353    |          |            |                   |

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\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-5ME                            | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-06ME                        | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 89.7                 |
| Sample Wt/Vol:     | 7.35      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | 100                      uL       | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | MED                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN086518.D        | 1         |           | 05/06/25 16:35 | VN050625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 88.0   | JD        | 30.0     | 190        | ug/Kg             |
| 108-88-3                  | Toluene                | 230    | D         | 29.6     | 190        | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 1100   | D         | 25.4     | 190        | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 4400   | D         | 78.1     | 570        | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 260    | D         | 29.6     | 190        | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 650    | D         | 27.7     | 190        | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 930    | D         | 31.1     | 190        | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 190    | UD        | 25.4     | 190        | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 3800   | D         | 24.3     | 190        | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 230    | D         | 25.0     | 190        | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 150    | JD        | 23.5     | 190        | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 370    | D         | 55.0     | 190        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 48.1   |           | 63 - 155 | 96%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 55.8   |           | 70 - 134 | 112%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 52.0   |           | 74 - 123 | 104%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 48.0   |           | 38 - 136 | 96%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 170000 | 8.218     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 319000 | 9.094     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 298000 | 11.865    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 131000 | 13.788    |          |            |                   |

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MDL = Method Detection Limit

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-6                              | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-07                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 83.8                 |
| Sample Wt/Vol:     | 8.34      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022113.D        | 1         |           | 05/01/25 17:37 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 12.3   |           | 0.57     | 3.60       | ug/Kg             |
| 108-88-3                  | Toluene                | 21.5   |           | 0.56     | 3.60       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 240    | E         | 0.48     | 3.60       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 1540   | E         | 1.48     | 10.8       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 71.9   |           | 0.56     | 3.60       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 180    | E         | 0.52     | 3.60       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 440    | E         | 0.59     | 3.60       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3.60   | U         | 0.48     | 3.60       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 760    | E         | 0.46     | 3.60       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 72.3   |           | 0.47     | 3.60       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 51.0   |           | 0.44     | 3.60       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 100    |           | 1.00     | 3.60       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 35.5   |           | 63 - 155 | 71%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 45.1   |           | 70 - 134 | 90%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 54.9   |           | 74 - 123 | 110%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 54.3   |           | 38 - 136 | 109%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 547000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 868000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 697000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 327000 | 13.346    |          |            |                   |

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\* = Values outside of QC limits

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-6ME                            | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-07ME                        | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 83.8                 |
| Sample Wt/Vol:     | 7.59      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | 100                      uL       | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | MED                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN086519.D        | 1         |           | 05/06/25 16:59 | VN050625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 170    | JD        | 31.1     | 200        | ug/Kg             |
| 108-88-3                  | Toluene                | 1600   | D         | 30.7     | 200        | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 5300   | ED        | 26.3     | 200        | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 31900  | ED        | 80.9     | 590        | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 1700   | D         | 30.7     | 200        | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 4900   | ED        | 28.7     | 200        | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 8000   | ED        | 32.2     | 200        | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 200    | UD        | 26.3     | 200        | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 29500  | ED        | 25.2     | 200        | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 2000   | D         | 25.9     | 200        | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 1400   | D         | 24.4     | 200        | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 3500   | D         | 57.0     | 200        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 47.0   |           | 63 - 155 | 94%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 55.4   |           | 70 - 134 | 111%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 54.9   |           | 74 - 123 | 110%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 56.4   |           | 38 - 136 | 113%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 172000 | 8.218     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 323000 | 9.094     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 314000 | 11.865    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 149000 | 13.788    |          |            |                   |

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## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-6MEDL                          | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-07MEDL                      | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 83.8                 |
| Sample Wt/Vol:     | 7.59      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | 100                      uL       | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | MED                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN086494.D        | 20        |           | 05/05/25 18:25 | VN050525      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 3900   | UD        | 620      | 3900       | ug/Kg             |
| 108-88-3                  | Toluene                | 1500   | JD        | 610      | 3900       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 4700   | D         | 530      | 3900       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 27900  | D         | 1610     | 11800      | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 1700   | JD        | 610      | 3900       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 4500   | D         | 570      | 3900       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 7600   | D         | 640      | 3900       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3900   | UD        | 530      | 3900       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 28100  | D         | 500      | 3900       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 1900   | JD        | 520      | 3900       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 1300   | JD        | 490      | 3900       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 2900   | JD        | 1100     | 3900       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 46.6   |           | 63 - 155 | 93%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 59.7   |           | 70 - 134 | 119%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 52.5   |           | 74 - 123 | 105%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 54.2   |           | 38 - 136 | 108%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 167000 | 8.224     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 307000 | 9.1       |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 303000 | 11.865    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 141000 | 13.788    |          |            |                   |

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## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-7                              | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-08                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 85                   |
| Sample Wt/Vol:     | 7.54      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | 100                      uL       | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | MED                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN086520.D        | 1         |           | 05/06/25 17:23 | VN050625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 120    | J         | 30.8     | 200        | ug/Kg             |
| 108-88-3                  | Toluene                | 1400   |           | 30.4     | 200        | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 2200   |           | 26.1     | 200        | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 12600  |           | 80.4     | 590        | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 670    |           | 30.4     | 200        | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 1900   |           | 28.5     | 200        | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 2900   |           | 32.0     | 200        | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 200    | U         | 26.1     | 200        | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 11000  | E         | 25.0     | 200        | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 780    |           | 25.7     | 200        | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 520    |           | 24.2     | 200        | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 1200   |           | 56.6     | 200        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 45.4   |           | 63 - 155 | 91%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 55.7   |           | 70 - 134 | 111%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 52.8   |           | 74 - 123 | 106%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 49.8   |           | 38 - 136 | 100%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 199000 | 8.218     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 370000 | 9.094     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 347000 | 11.859    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 153000 | 13.788    |          |            |                   |

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## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-7DL                            | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-08DL                        | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 85                   |
| Sample Wt/Vol:     | 7.54      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | 100                      uL       | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | MED                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN086495.D        | 20        |           | 05/05/25 18:49 | VN050525      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 3900   | UD        | 620      | 3900       | ug/Kg             |
| 108-88-3                  | Toluene                | 1300   | JD        | 610      | 3900       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 2200   | JD        | 520      | 3900       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 12200  | D         | 1610     | 11700      | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 640    | JD        | 610      | 3900       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 1800   | JD        | 570      | 3900       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 3000   | JD        | 640      | 3900       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3900   | UD        | 520      | 3900       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 11200  | D         | 500      | 3900       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 760    | JD        | 510      | 3900       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 560    | JD        | 480      | 3900       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 3900   | UD        | 1100     | 3900       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 47.7   |           | 63 - 155 | 95%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 58.3   |           | 70 - 134 | 117%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 50.2   |           | 74 - 123 | 100%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 49.9   |           | 38 - 136 | 100%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 163000 | 8.224     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 307000 | 9.1       |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 284000 | 11.865    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 128000 | 13.788    |          |            |                   |

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-8                              | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-09                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 92.4                 |
| Sample Wt/Vol:     | 7.74      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022114.D        | 1         |           | 05/01/25 18:00 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 19.9   |           | 0.55     | 3.50       | ug/Kg             |
| 108-88-3                  | Toluene                | 640    | E         | 0.55     | 3.50       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 780    | E         | 0.47     | 3.50       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 4200   | E         | 1.44     | 10.5       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 320    | E         | 0.55     | 3.50       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 420    | E         | 0.51     | 3.50       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 470    | E         | 0.57     | 3.50       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3.50   | U         | 0.47     | 3.50       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 710    | E         | 0.45     | 3.50       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 280    | E         | 0.46     | 3.50       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 180    | E         | 0.43     | 3.50       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 320    | E         | 1.00     | 3.50       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 36.9   |           | 63 - 155 | 74%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 48.3   |           | 70 - 134 | 97%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 100    | *         | 74 - 123 | 208%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 220    | *         | 38 - 136 | 447%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 521000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 815000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 583000 | 11.42     |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 512000 | 13.353    |          |            |                   |

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## Report of Analysis

|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
| Client:            | CDM Smith                    | Date Collected: | 04/28/25     |
| Project:           | Con Ed UTEN Mount Vernon, NY | Date Received:  | 04/29/25     |
| Client Sample ID:  | SS-8ME                       | SDG No.:        | Q1914        |
| Lab Sample ID:     | Q1914-09ME                   | Matrix:         | SOIL         |
| Analytical Method: | 8260D                        | % Solid:        | 92.4         |
| Sample Wt/Vol:     | 8 Units: g                   | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | 100 uL                       | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624 ID : 0.25            | Level :         | MED          |
| Prep Method :      |                              |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN086521.D        | 1         |           | 05/06/25 17:48 | VN050625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 61.4   | JD        | 26.7     | 170        | ug/Kg             |
| 108-88-3                  | Toluene                | 1200   | D         | 26.4     | 170        | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 2900   | D         | 22.7     | 170        | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 16700  | ED        | 69.6     | 510        | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 990    | D         | 26.4     | 170        | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 3000   | D         | 24.7     | 170        | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 5100   | ED        | 27.7     | 170        | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 170    | UD        | 22.7     | 170        | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 18300  | ED        | 21.6     | 170        | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 1300   | D         | 22.3     | 170        | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 940    | D         | 21.0     | 170        | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 2400   | D         | 49.0     | 170        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 45.8   |           | 63 - 155 | 92%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 54.7   |           | 70 - 134 | 109%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 52.7   |           | 74 - 123 | 105%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 52.7   |           | 38 - 136 | 105%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 203000 | 8.218     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 380000 | 9.094     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 349000 | 11.865    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 167000 | 13.788    |          |            |                   |

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## Report of Analysis

|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
| Client:            | CDM Smith                    | Date Collected: | 04/28/25     |
| Project:           | Con Ed UTEN Mount Vernon, NY | Date Received:  | 04/29/25     |
| Client Sample ID:  | SS-8MEDL                     | SDG No.:        | Q1914        |
| Lab Sample ID:     | Q1914-09MEDL                 | Matrix:         | SOIL         |
| Analytical Method: | 8260D                        | % Solid:        | 92.4         |
| Sample Wt/Vol:     | 8 Units: g                   | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | 100 uL                       | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624 ID : 0.25            | Level :         | MED          |
| Prep Method :      |                              |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN086496.D        | 20        |           | 05/05/25 19:14 | VN050525      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 3400   | UD        | 530      | 3400       | ug/Kg             |
| 108-88-3                  | Toluene                | 1100   | JD        | 530      | 3400       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 2700   | JD        | 450      | 3400       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 15200  | D         | 1390     | 10200      | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 1000   | JD        | 530      | 3400       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 2900   | JD        | 490      | 3400       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 5200   | D         | 550      | 3400       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3400   | UD        | 450      | 3400       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 18900  | D         | 430      | 3400       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 1300   | JD        | 450      | 3400       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 900    | JD        | 420      | 3400       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 2100   | JD        | 980      | 3400       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 47.5   |           | 63 - 155 | 95%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 59.2   |           | 70 - 134 | 118%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 51.5   |           | 74 - 123 | 103%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 53.6   |           | 38 - 136 | 107%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 168000 | 8.224     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 313000 | 9.1       |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 300000 | 11.865    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 141000 | 13.788    |          |            |                   |

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## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-9                              | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-12                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 87.1                 |
| Sample Wt/Vol:     | 7.92      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022178.D        | 1         |           | 05/06/25 13:03 | VY050625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 3.60   | U         | 0.57     | 3.60       | ug/Kg             |
| 108-88-3                  | Toluene                | 3.60   | U         | 0.57     | 3.60       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 3.60   | U         | 0.49     | 3.60       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 10.8   | U         | 1.49     | 10.8       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 3.60   | U         | 0.57     | 3.60       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 3.60   | U         | 0.53     | 3.60       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 3.60   | U         | 0.59     | 3.60       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3.60   | U         | 0.49     | 3.60       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 3.60   | U         | 0.46     | 3.60       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 3.60   | U         | 0.48     | 3.60       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 3.60   | U         | 0.45     | 3.60       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 3.60   | U         | 1.10     | 3.60       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 56.4   |           | 63 - 155 | 113%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 52.0   |           | 70 - 134 | 104%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 49.2   |           | 74 - 123 | 98%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 38.8   |           | 38 - 136 | 78%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 197000 | 7.713     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 384000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 340000 | 11.42     |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 121000 | 13.346    |          |            |                   |

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## Report of Analysis

|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
| Client:            | CDM Smith                    | Date Collected: | 04/28/25     |
| Project:           | Con Ed UTEN Mount Vernon, NY | Date Received:  | 04/29/25     |
| Client Sample ID:  | FB04282025                   | SDG No.:        | Q1914        |
| Lab Sample ID:     | Q1914-14                     | Matrix:         | Water        |
| Analytical Method: | 8260D                        | % Solid:        | 0            |
| Sample Wt/Vol:     | 5 Units: mL                  | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                           | Test:           | VOCMS Group3 |
| GC Column:         | DB-624UI ID : 0.18           | Level :         | LOW          |
| Prep Method :      |                              |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX045991.D        | 1         |           | 04/30/25 12:32 | VX043025      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |          |            |         |
| 71-43-2                   | Benzene                | 1.00   | U         | 0.15     | 1.00       | ug/L    |
| 108-88-3                  | Toluene                | 1.00   | U         | 0.14     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene          | 1.00   | U         | 0.13     | 1.00       | ug/L    |
| 1330-20-7                 | Total Xylenes          | 3.00   | U         | 0.36     | 3.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene       | 1.00   | U         | 0.12     | 1.00       | ug/L    |
| 103-65-1                  | n-propylbenzene        | 1.00   | U         | 0.13     | 1.00       | ug/L    |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 1.00   | U         | 0.15     | 1.00       | ug/L    |
| 98-06-6                   | tert-Butylbenzene      | 1.00   | U         | 0.14     | 1.00       | ug/L    |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 1.00   | U         | 0.14     | 1.00       | ug/L    |
| 135-98-8                  | sec-Butylbenzene       | 1.00   | U         | 0.13     | 1.00       | ug/L    |
| 99-87-6                   | p-Isopropyltoluene     | 1.00   | U         | 0.13     | 1.00       | ug/L    |
| 104-51-8                  | n-Butylbenzene         | 1.00   | U         | 0.15     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 55.5   |           | 74 - 125 | 111%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 52.6   |           | 75 - 124 | 105%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 50.2   |           | 86 - 113 | 100%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 50.9   |           | 77 - 121 | 102%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene     | 59300  | 5.55      |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 118000 | 6.757     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 108000 | 10.055    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 46100  | 12.018    |          |            |         |

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# QC SUMMARY

## Surrogate Summary

SDG No.: **Q1914**

Client: **CDM Smith**

Analytical Method: **SW8260D**

| Lab Sample ID | Client ID | Parameter             | Spike | Result | RecoveryQual | Limits |      |
|---------------|-----------|-----------------------|-------|--------|--------------|--------|------|
|               |           |                       |       |        |              | Low    | High |
| Q1914-01      | SS-1      | 1,2-Dichloroethane-d4 | 50    | 46.7   | 93           | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 48.7   | 97           | 70     | 134  |
|               |           | Toluene-d8            | 50    | 47.7   | 95           | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 43.8   | 88           | 38     | 136  |
| Q1914-02      | SS-91     | 1,2-Dichloroethane-d4 | 50    | 43.1   | 86           | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 46.8   | 94           | 70     | 134  |
|               |           | Toluene-d8            | 50    | 48.4   | 97           | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 44.5   | 89           | 38     | 136  |
| Q1914-03      | SS-2      | 1,2-Dichloroethane-d4 | 50    | 54.8   | 110          | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 50.6   | 101          | 70     | 134  |
|               |           | Toluene-d8            | 50    | 48.3   | 97           | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 48.0   | 96           | 38     | 136  |
| Q1914-04      | SS-3      | 1,2-Dichloroethane-d4 | 50    | 50.8   | 102          | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 49.7   | 99           | 70     | 134  |
|               |           | Toluene-d8            | 50    | 48.0   | 96           | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 45.0   | 90           | 38     | 136  |
| Q1914-05      | SS-4      | 1,2-Dichloroethane-d4 | 50    | 50.7   | 101          | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 49.4   | 99           | 70     | 134  |
|               |           | Toluene-d8            | 50    | 47.2   | 94           | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 39.7   | 79           | 38     | 136  |
| Q1914-06      | SS-5      | 1,2-Dichloroethane-d4 | 50    | 47.8   | 96           | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 49.1   | 98           | 70     | 134  |
|               |           | Toluene-d8            | 50    | 58.2   | 116          | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 55.5   | 111          | 38     | 136  |
| Q1914-06ME    | SS-5ME    | 1,2-Dichloroethane-d4 | 50    | 48.1   | 96           | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 55.8   | 112          | 70     | 134  |
|               |           | Toluene-d8            | 50    | 52.0   | 104          | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 48.0   | 96           | 38     | 136  |
| Q1914-07      | SS-6      | 1,2-Dichloroethane-d4 | 50    | 35.5   | 71           | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 45.0   | 90           | 70     | 134  |
|               |           | Toluene-d8            | 50    | 54.9   | 110          | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 54.3   | 109          | 38     | 136  |
| Q1914-07ME    | SS-6ME    | 1,2-Dichloroethane-d4 | 50    | 47.0   | 94           | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 55.4   | 111          | 70     | 134  |
|               |           | Toluene-d8            | 50    | 54.9   | 110          | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 56.4   | 113          | 38     | 136  |
| Q1914-07MEDL  | SS-6MEDL  | 1,2-Dichloroethane-d4 | 50    | 46.5   | 93           | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 59.7   | 119          | 70     | 134  |
|               |           | Toluene-d8            | 50    | 52.5   | 105          | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 54.2   | 108          | 38     | 136  |
| Q1914-08      | SS-7      | 1,2-Dichloroethane-d4 | 50    | 45.4   | 91           | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 55.7   | 111          | 70     | 134  |
|               |           | Toluene-d8            | 50    | 52.8   | 106          | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 49.8   | 100          | 38     | 136  |
| Q1914-08DL    | SS-7DL    | 1,2-Dichloroethane-d4 | 50    | 47.7   | 95           | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 58.3   | 117          | 70     | 134  |
|               |           | Toluene-d8            | 50    | 50.2   | 100          | 74     | 123  |
|               |           | 4-Bromofluorobenzene  | 50    | 49.9   | 100          | 38     | 136  |
| Q1914-09      | SS-8      | 1,2-Dichloroethane-d4 | 50    | 36.9   | 74           | 63     | 155  |
|               |           | Dibromofluoromethane  | 50    | 48.3   | 97           | 70     | 134  |

## Surrogate Summary

SDG No.: **Q1914**

Client: **CDM Smith**

Analytical Method: **SW8260D**

| Lab Sample ID | Client ID   | Parameter             | Spike | Result | RecoveryQual | Limits |      |
|---------------|-------------|-----------------------|-------|--------|--------------|--------|------|
|               |             |                       |       |        |              | Low    | High |
| Q1914-09      | SS-8        | Toluene-d8            | 50    | 104    | 208 *        | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 224    | 447 *        | 38     | 136  |
| Q1914-09ME    | SS-8ME      | 1,2-Dichloroethane-d4 | 50    | 45.8   | 92           | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 54.7   | 109          | 70     | 134  |
|               |             | Toluene-d8            | 50    | 52.7   | 105          | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 52.7   | 105          | 38     | 136  |
| Q1914-09MEDL  | SS-8MEDL    | 1,2-Dichloroethane-d4 | 50    | 47.5   | 95           | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 59.2   | 118          | 70     | 134  |
|               |             | Toluene-d8            | 50    | 51.5   | 103          | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 53.6   | 107          | 38     | 136  |
| Q1914-10MS    | SS-8MS      | 1,2-Dichloroethane-d4 | 50    | 41.1   | 82           | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 47.5   | 95           | 70     | 134  |
|               |             | Toluene-d8            | 50    | 113    | 225 *        | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 259    | 518 *        | 38     | 136  |
| Q1914-11MSD   | SS-8MSD     | 1,2-Dichloroethane-d4 | 50    | 48.9   | 98           | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 50.0   | 100          | 70     | 134  |
|               |             | Toluene-d8            | 50    | 76.8   | 154 *        | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 168    | 336 *        | 38     | 136  |
| Q1914-12      | SS-9        | 1,2-Dichloroethane-d4 | 50    | 56.4   | 113          | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 52.0   | 104          | 70     | 134  |
|               |             | Toluene-d8            | 50    | 49.2   | 98           | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 38.8   | 78           | 38     | 136  |
| VN0505MBL01   | VN0505MBL01 | 1,2-Dichloroethane-d4 | 50    | 48.4   | 97           | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 60.5   | 121          | 70     | 134  |
|               |             | Toluene-d8            | 50    | 51.1   | 102          | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 48.6   | 97           | 38     | 136  |
| VN0505MBS01   | VN0505MBS01 | 1,2-Dichloroethane-d4 | 50    | 51.5   | 103          | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 57.3   | 115          | 70     | 134  |
|               |             | Toluene-d8            | 50    | 50.8   | 102          | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 51.3   | 103          | 38     | 136  |
| VN0506MBL01   | VN0506MBL01 | 1,2-Dichloroethane-d4 | 50    | 46.9   | 94           | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 60.6   | 121          | 70     | 134  |
|               |             | Toluene-d8            | 50    | 50.7   | 101          | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 48.7   | 97           | 38     | 136  |
| VN0506MBS01   | VN0506MBS01 | 1,2-Dichloroethane-d4 | 50    | 48.6   | 97           | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 57.7   | 115          | 70     | 134  |
|               |             | Toluene-d8            | 50    | 50.2   | 100          | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 47.2   | 94           | 38     | 136  |
| VY0501SBL01   | VY0501SBL01 | 1,2-Dichloroethane-d4 | 50    | 49.2   | 98           | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 50.6   | 101          | 70     | 134  |
|               |             | Toluene-d8            | 50    | 47.8   | 96           | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 53.1   | 106          | 38     | 136  |
| VY0501SBS01   | VY0501SBS01 | 1,2-Dichloroethane-d4 | 50    | 47.5   | 95           | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 49.5   | 99           | 70     | 134  |
|               |             | Toluene-d8            | 50    | 50.1   | 100          | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 49.3   | 99           | 38     | 136  |
| VY0506SBL01   | VY0506SBL01 | 1,2-Dichloroethane-d4 | 50    | 55.3   | 111          | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 50.7   | 101          | 70     | 134  |
|               |             | Toluene-d8            | 50    | 48.2   | 96           | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 53.8   | 108          | 38     | 136  |

### Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

| Lab Sample ID | Client ID   | Parameter             | Spike | Result | RecoveryQual | Limits |      |
|---------------|-------------|-----------------------|-------|--------|--------------|--------|------|
|               |             |                       |       |        |              | Low    | High |
| VY0506SBS01   | VY0506SBS01 | 1,2-Dichloroethane-d4 | 50    | 51.6   | 103          | 63     | 155  |
|               |             | Dibromofluoromethane  | 50    | 50.1   | 100          | 70     | 134  |
|               |             | Toluene-d8            | 50    | 50.8   | 102          | 74     | 123  |
|               |             | 4-Bromofluorobenzene  | 50    | 50.6   | 101          | 38     | 136  |



## Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low

| Lab Sample ID | Client ID    | Parameter             | Spike | Result | RecoveryQual | Limits |      |
|---------------|--------------|-----------------------|-------|--------|--------------|--------|------|
|               |              |                       |       |        |              | Low    | High |
| Q1914-14      | FB04282025   | 1,2-Dichloroethane-d4 | 50    | 55.5   | 111          | 74     | 125  |
|               |              | Dibromofluoromethane  | 50    | 52.6   | 105          | 75     | 124  |
|               |              | Toluene-d8            | 50    | 50.2   | 100          | 86     | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 50.9   | 102          | 77     | 121  |
| VX0430WBL01   | VX0430WBL01  | 1,2-Dichloroethane-d4 | 50    | 56.3   | 113          | 74     | 125  |
|               |              | Dibromofluoromethane  | 50    | 52.5   | 105          | 75     | 124  |
|               |              | Toluene-d8            | 50    | 50.4   | 101          | 86     | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 51.9   | 104          | 77     | 121  |
| VX0430WBS01   | VX0430WBS01  | 1,2-Dichloroethane-d4 | 50    | 54.6   | 109          | 74     | 125  |
|               |              | Dibromofluoromethane  | 50    | 56.5   | 113          | 75     | 124  |
|               |              | Toluene-d8            | 50    | 52.1   | 104          | 86     | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 55.7   | 111          | 77     | 121  |
| VX0430WBSD0   | VX0430WBSD01 | 1,2-Dichloroethane-d4 | 50    | 54.3   | 109          | 74     | 125  |
|               |              | Dibromofluoromethane  | 50    | 56.5   | 113          | 75     | 124  |
|               |              | Toluene-d8            | 50    | 52.0   | 104          | 86     | 113  |
|               |              | 4-Bromofluorobenzene  | 50    | 56.5   | 113          | 77     | 121  |

# Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

| Limits                 |            |                    |        |       |      |      |     |            |            |      |     |
|------------------------|------------|--------------------|--------|-------|------|------|-----|------------|------------|------|-----|
| Parameter              | Spike      | Sample             | Result | Units | Rec  |      | RPD | Qual       | Low        | High | RPD |
|                        |            | Result             |        |       | Rec  | Qual | RPD |            |            |      |     |
| Lab Sample ID :        | Q1914-10MS | Client Sample ID : | SS-8MS |       |      |      |     | Datafile : | VY022115.D |      |     |
| Benzene                | 39.6       | 19.9               | 58.5   | ug/Kg | 97   |      |     |            | 59         | 140  |     |
| Toluene                | 39.6       | 640                | 820    | ug/Kg | 455  | *    |     |            | 61         | 134  |     |
| Ethyl Benzene          | 39.6       | 780                | 1400   | ug/Kg | 1566 | *    |     |            | 54         | 134  |     |
| m/p-Xylenes            | 79.2       | 2200               | 4100   | ug/Kg | 2399 | *    |     |            | 51         | 137  |     |
| o-Xylene               | 39.6       | 2000               | 3600   | ug/Kg | 4040 | *    |     |            | 57         | 139  |     |
| Isopropylbenzene       | 39.6       | 320                | 400    | ug/Kg | 202  | *    |     |            | 44         | 160  |     |
| N-propylbenzene        | 39.6       | 420                | 570    | ug/Kg | 379  | *    |     |            | 10         | 173  |     |
| 1,3,5-Trimethylbenzene | 39.6       | 470                | 750    | ug/Kg | 707  | *    |     |            | 10         | 175  |     |
| tert-Butylbenzene      | 39.6       | 0                  | 14.1   | ug/Kg | 36   |      |     |            | 10         | 173  |     |
| 1,2,4-Trimethylbenzene | 39.6       | 710                | 1000   | ug/Kg | 732  | *    |     |            | 10         | 175  |     |
| Sec-butylbenzene       | 39.6       | 280                | 370    | ug/Kg | 227  | *    |     |            | 10         | 172  |     |
| p-Isopropyltoluene     | 39.6       | 180                | 240    | ug/Kg | 152  |      |     |            | 26         | 153  |     |
| n-Butylbenzene         | 39.6       | 320                | 400    | ug/Kg | 202  | *    |     |            | 10         | 175  |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

| Limits                 |             |                    |         |       |      |     |      |            |            |      |     |
|------------------------|-------------|--------------------|---------|-------|------|-----|------|------------|------------|------|-----|
| Parameter              | Spike       | Sample             | Result  | Units | Rec  |     | RPD  | Qual       | Low        | High | RPD |
|                        |             | Result             |         |       | Qual | RPD |      |            |            |      |     |
| Lab Sample ID :        | Q1914-11MSD | Client Sample ID : | SS-8MSD |       |      |     |      | Datafile : | VY022116.D |      |     |
| Benzene                | 35          | 19.9               | 46.5    | ug/Kg | 76   |     | 24   | *          | 59         | 140  | 20  |
| Toluene                | 35          | 640                | 440     | ug/Kg | -571 | *   | 1769 | *          | 61         | 134  | 20  |
| Ethyl Benzene          | 35          | 780                | 1100    | ug/Kg | 914  | *   | 53   | *          | 54         | 134  | 20  |
| m/p-Xylenes            | 70          | 2200               | 3500    | ug/Kg | 1857 | *   | 25   | *          | 51         | 137  | 20  |
| o-Xylene               | 35          | 2000               | 3000    | ug/Kg | 2857 | *   | 34   | *          | 57         | 139  | 20  |
| Isopropylbenzene       | 35          | 320                | 230     | ug/Kg | -257 | *   | 1669 | *          | 44         | 160  | 20  |
| N-propylbenzene        | 35          | 420                | 420     | ug/Kg | 0    | *   | 200  | *          | 10         | 173  | 20  |
| 1,3,5-Trimethylbenzene | 35          | 470                | 580     | ug/Kg | 314  | *   | 77   | *          | 10         | 175  | 20  |
| tert-Butylbenzene      | 35          | 0                  | 8.80    | ug/Kg | 25   |     | 34   | *          | 10         | 173  | 20  |
| 1,2,4-Trimethylbenzene | 35          | 710                | 830     | ug/Kg | 343  | *   | 72   | *          | 10         | 175  | 20  |
| Sec-butylbenzene       | 35          | 280                | 260     | ug/Kg | -57  | *   | 334  | *          | 10         | 172  | 20  |
| p-Isopropyltoluene     | 35          | 180                | 180     | ug/Kg | 0    | *   | 200  | *          | 26         | 153  | 20  |
| n-Butylbenzene         | 35          | 320                | 320     | ug/Kg | 0    | *   | 200  | *          | 10         | 175  | 20  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

**SDG No.:** Q1914

**Client:** CDM Smith

**Analytical Method:** SW8260D

**Datafile :** VN086491.D

| Lab Sample ID | Parameter              | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                        |       |        |       |     |     |      |     | High   |     |
| VN0505MBS01   | Benzene                | 2000  | 2000   | ug/Kg | 100 |     |      | 84  | 121    |     |
|               | Toluene                | 2000  | 2000   | ug/Kg | 100 |     |      | 83  | 122    |     |
|               | Ethyl Benzene          | 2000  | 2100   | ug/Kg | 105 |     |      | 82  | 124    |     |
|               | m/p-Xylenes            | 4000  | 4100   | ug/Kg | 103 |     |      | 83  | 124    |     |
|               | o-Xylene               | 2000  | 2000   | ug/Kg | 100 |     |      | 83  | 123    |     |
|               | Isopropylbenzene       | 2000  | 1900   | ug/Kg | 95  |     |      | 82  | 124    |     |
|               | N-propylbenzene        | 2000  | 1900   | ug/Kg | 95  |     |      | 81  | 123    |     |
|               | 1,3,5-Trimethylbenzene | 2000  | 2000   | ug/Kg | 100 |     |      | 82  | 124    |     |
|               | tert-Butylbenzene      | 2000  | 2000   | ug/Kg | 100 |     |      | 81  | 125    |     |
|               | 1,2,4-Trimethylbenzene | 2000  | 2000   | ug/Kg | 100 |     |      | 81  | 125    |     |
|               | Sec-butylbenzene       | 2000  | 2000   | ug/Kg | 100 |     |      | 80  | 124    |     |
|               | p-Isopropyltoluene     | 2000  | 2000   | ug/Kg | 100 |     |      | 81  | 125    |     |
|               | n-Butylbenzene         | 2000  | 1900   | ug/Kg | 95  |     |      | 78  | 126    |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

**SDG No.:** Q1914

**Client:** CDM Smith

**Analytical Method:** SW8260D

**Datafile :** VN086515.D

| Lab Sample ID | Parameter              | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                        |       |        |       |     |     |      |     | High   |     |
| VN0506MBS01   | Benzene                | 2000  | 1800   | ug/Kg | 90  |     |      | 84  | 121    |     |
|               | Toluene                | 2000  | 1900   | ug/Kg | 95  |     |      | 83  | 122    |     |
|               | Ethyl Benzene          | 2000  | 1900   | ug/Kg | 95  |     |      | 82  | 124    |     |
|               | m/p-Xylenes            | 4000  | 3800   | ug/Kg | 95  |     |      | 83  | 124    |     |
|               | o-Xylene               | 2000  | 2000   | ug/Kg | 100 |     |      | 83  | 123    |     |
|               | Isopropylbenzene       | 2000  | 1900   | ug/Kg | 95  |     |      | 82  | 124    |     |
|               | N-propylbenzene        | 2000  | 1800   | ug/Kg | 90  |     |      | 81  | 123    |     |
|               | 1,3,5-Trimethylbenzene | 2000  | 1900   | ug/Kg | 95  |     |      | 82  | 124    |     |
|               | tert-Butylbenzene      | 2000  | 1900   | ug/Kg | 95  |     |      | 81  | 125    |     |
|               | 1,2,4-Trimethylbenzene | 2000  | 1900   | ug/Kg | 95  |     |      | 81  | 125    |     |
|               | Sec-butylbenzene       | 2000  | 1900   | ug/Kg | 95  |     |      | 80  | 124    |     |
|               | p-Isopropyltoluene     | 2000  | 1900   | ug/Kg | 95  |     |      | 81  | 125    |     |
|               | n-Butylbenzene         | 2000  | 1700   | ug/Kg | 85  |     |      | 78  | 126    |     |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low

Datafile : VX045988.D

| Lab Sample ID | Parameter              | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VX0430WBS01   | Benzene                | 20    | 20.2   | ug/L | 101 |     |      | 82  | 109            |     |
|               | Toluene                | 20    | 20.2   | ug/L | 101 |     |      | 82  | 110            |     |
|               | Ethyl Benzene          | 20    | 20.6   | ug/L | 103 |     |      | 83  | 109            |     |
|               | m/p-Xylenes            | 40    | 42.5   | ug/L | 106 |     |      | 82  | 110            |     |
|               | o-Xylene               | 20    | 21.0   | ug/L | 105 |     |      | 83  | 109            |     |
|               | Isopropylbenzene       | 20    | 20.7   | ug/L | 104 |     |      | 83  | 112            |     |
|               | N-propylbenzene        | 20    | 20.3   | ug/L | 102 |     |      | 83  | 112            |     |
|               | 1,3,5-Trimethylbenzene | 20    | 21.1   | ug/L | 106 |     |      | 85  | 112            |     |
|               | tert-Butylbenzene      | 20    | 21.2   | ug/L | 106 |     |      | 83  | 112            |     |
|               | 1,2,4-Trimethylbenzene | 20    | 20.7   | ug/L | 104 |     |      | 85  | 111            |     |
|               | Sec-butylbenzene       | 20    | 21.2   | ug/L | 106 |     |      | 81  | 114            |     |
|               | p-Isopropyltoluene     | 20    | 20.9   | ug/L | 104 |     |      | 78  | 116            |     |
|               | n-Butylbenzene         | 20    | 20.1   | ug/L | 101 |     |      | 75  | 115            |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

**SDG No.:** Q1914

**Client:** CDM Smith

**Analytical Method:** SW8260-Low

**Datafile :** VX045989.D

| Lab Sample ID | Parameter              | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VX0430WBSD01  | Benzene                | 20    | 20.1   | ug/L | 101 | 0   |      | 82  | 109            | 20  |
|               | Toluene                | 20    | 20.5   | ug/L | 103 | 2   |      | 82  | 110            | 20  |
|               | Ethyl Benzene          | 20    | 20.6   | ug/L | 103 | 0   |      | 83  | 109            | 20  |
|               | m/p-Xylenes            | 40    | 41.4   | ug/L | 104 | 2   |      | 82  | 110            | 20  |
|               | o-Xylene               | 20    | 21.0   | ug/L | 105 | 0   |      | 83  | 109            | 20  |
|               | Isopropylbenzene       | 20    | 20.1   | ug/L | 101 | 3   |      | 83  | 112            | 20  |
|               | N-propylbenzene        | 20    | 19.8   | ug/L | 99  | 3   |      | 83  | 112            | 20  |
|               | 1,3,5-Trimethylbenzene | 20    | 20.3   | ug/L | 102 | 4   |      | 85  | 112            | 20  |
|               | tert-Butylbenzene      | 20    | 20.6   | ug/L | 103 | 3   |      | 83  | 112            | 20  |
|               | 1,2,4-Trimethylbenzene | 20    | 20.6   | ug/L | 103 | 1   |      | 85  | 111            | 20  |
|               | Sec-butylbenzene       | 20    | 20.6   | ug/L | 103 | 3   |      | 81  | 114            | 20  |
|               | p-Isopropyltoluene     | 20    | 20.7   | ug/L | 104 | 0   |      | 78  | 116            | 20  |
|               | n-Butylbenzene         | 20    | 20.2   | ug/L | 101 | 0   |      | 75  | 115            | 20  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

**SDG No.:** Q1914

**Client:** CDM Smith

**Analytical Method:** SW8260D

**Datafile :** VY022097.D

| Lab Sample ID | Parameter              | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                        |       |        |       |     |     |      |     | High   |     |
| VY0501SBS01   | Benzene                | 20    | 20.2   | ug/Kg | 101 |     |      | 84  | 121    |     |
|               | Toluene                | 20    | 20.6   | ug/Kg | 103 |     |      | 83  | 122    |     |
|               | Ethyl Benzene          | 20    | 19.5   | ug/Kg | 98  |     |      | 82  | 124    |     |
|               | m/p-Xylenes            | 40    | 40.5   | ug/Kg | 101 |     |      | 83  | 124    |     |
|               | o-Xylene               | 20    | 19.6   | ug/Kg | 98  |     |      | 83  | 123    |     |
|               | Isopropylbenzene       | 20    | 19.2   | ug/Kg | 96  |     |      | 82  | 124    |     |
|               | N-propylbenzene        | 20    | 19.5   | ug/Kg | 98  |     |      | 81  | 123    |     |
|               | 1,3,5-Trimethylbenzene | 20    | 19.6   | ug/Kg | 98  |     |      | 82  | 124    |     |
|               | tert-Butylbenzene      | 20    | 19.0   | ug/Kg | 95  |     |      | 81  | 125    |     |
|               | 1,2,4-Trimethylbenzene | 20    | 19.5   | ug/Kg | 98  |     |      | 81  | 125    |     |
|               | Sec-butylbenzene       | 20    | 19.4   | ug/Kg | 97  |     |      | 80  | 124    |     |
|               | p-Isopropyltoluene     | 20    | 19.4   | ug/Kg | 97  |     |      | 81  | 125    |     |
|               | n-Butylbenzene         | 20    | 18.7   | ug/Kg | 94  |     |      | 78  | 126    |     |



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VY022172.D

| Lab Sample ID | Parameter              | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                        |       |        |       |     |     |      |     | High   |     |
| VY0506SBS01   | Benzene                | 20    | 21.3   | ug/Kg | 106 |     |      | 84  | 121    |     |
|               | Toluene                | 20    | 21.4   | ug/Kg | 107 |     |      | 83  | 122    |     |
|               | Ethyl Benzene          | 20    | 20.3   | ug/Kg | 102 |     |      | 82  | 124    |     |
|               | m/p-Xylenes            | 40    | 41.6   | ug/Kg | 104 |     |      | 83  | 124    |     |
|               | o-Xylene               | 20    | 20.3   | ug/Kg | 102 |     |      | 83  | 123    |     |
|               | Isopropylbenzene       | 20    | 19.7   | ug/Kg | 99  |     |      | 82  | 124    |     |
|               | N-propylbenzene        | 20    | 20.6   | ug/Kg | 103 |     |      | 81  | 123    |     |
|               | 1,3,5-Trimethylbenzene | 20    | 20.3   | ug/Kg | 102 |     |      | 82  | 124    |     |
|               | tert-Butylbenzene      | 20    | 19.5   | ug/Kg | 98  |     |      | 81  | 125    |     |
|               | 1,2,4-Trimethylbenzene | 20    | 20.6   | ug/Kg | 103 |     |      | 81  | 125    |     |
|               | Sec-butylbenzene       | 20    | 20.5   | ug/Kg | 103 |     |      | 80  | 124    |     |
|               | p-Isopropyltoluene     | 20    | 20.2   | ug/Kg | 101 |     |      | 81  | 125    |     |
|               | n-Butylbenzene         | 20    | 20.0   | ug/Kg | 100 |     |      | 78  | 126    |     |

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0505MBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1914

SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086479.D

Lab Sample ID: VN0505MBL01

Date Analyzed: 05/05/2025

Time Analyzed: 12:13

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA\_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VN0505MBS01       | VN0505MBS01      | VN086491.D     | 05/05/2025       |
| SS-6MEDL          | Q1914-07MEDL     | VN086494.D     | 05/05/2025       |
| SS-7DL            | Q1914-08DL       | VN086495.D     | 05/05/2025       |
| SS-8MEDL          | Q1914-09MEDL     | VN086496.D     | 05/05/2025       |

COMMENTS: \_\_\_\_\_

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0506MBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1914

SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086505.D

Lab Sample ID: VN0506MBL01

Date Analyzed: 05/06/2025

Time Analyzed: 11:11

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA\_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VN0506MBS01       | VN0506MBS01      | VN086515.D     | 05/06/2025       |
| SS-5ME            | Q1914-06ME       | VN086518.D     | 05/06/2025       |
| SS-6ME            | Q1914-07ME       | VN086519.D     | 05/06/2025       |
| SS-7              | Q1914-08         | VN086520.D     | 05/06/2025       |
| SS-8ME            | Q1914-09ME       | VN086521.D     | 05/06/2025       |

COMMENTS: \_\_\_\_\_

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0430WBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1914

SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045987.D

Lab Sample ID: VX0430WBL01

Date Analyzed: 04/30/2025

Time Analyzed: 10:55

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA\_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VX0430WBS01       | VX0430WBS01      | VX045988.D     | 04/30/2025       |
| VX0430WBSD01      | VX0430WBSD01     | VX045989.D     | 04/30/2025       |
| FB04282025        | Q1914-14         | VX045991.D     | 04/30/2025       |

COMMENTS: \_\_\_\_\_

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0501SBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1914

SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022096.D

Lab Sample ID: VY0501SBL01

Date Analyzed: 05/01/2025

Time Analyzed: 10:11

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA\_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VY0501SBS01       | VY0501SBS01      | VY022097.D     | 05/01/2025       |
| SS-1              | Q1914-01         | VY022107.D     | 05/01/2025       |
| SS-91             | Q1914-02         | VY022108.D     | 05/01/2025       |
| SS-2              | Q1914-03         | VY022109.D     | 05/01/2025       |
| SS-3              | Q1914-04         | VY022110.D     | 05/01/2025       |
| SS-4              | Q1914-05         | VY022111.D     | 05/01/2025       |
| SS-5              | Q1914-06         | VY022112.D     | 05/01/2025       |
| SS-6              | Q1914-07         | VY022113.D     | 05/01/2025       |
| SS-8              | Q1914-09         | VY022114.D     | 05/01/2025       |
| SS-8MS            | Q1914-10MS       | VY022115.D     | 05/01/2025       |
| SS-8MSD           | Q1914-11MSD      | VY022116.D     | 05/01/2025       |

COMMENTS: \_\_\_\_\_

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0506SBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1914

SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022171.D

Lab Sample ID: VY0506SBL01

Date Analyzed: 05/06/2025

Time Analyzed: 09:45

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA\_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VY0506SBS01       | VY0506SBS01      | VY022172.D     | 05/06/2025       |
| SS-9              | Q1914-12         | VY022178.D     | 05/06/2025       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VN086276.D BFB Injection Date: 04/15/2025  
Instrument ID: MSVOA\_N BFB Injection Time: 10:47  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 50.8                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.3                  |
| 173 | Less than 2.0% of mass 174         | 0.4 ( 0.6 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 67.6                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.1 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 64.6 ( 95.5 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.4 ( 6.7 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC001         | VSTDIC001        | VN086277.D     | 04/15/2025       | 11:29            |
| VSTDIC005         | VSTDIC005        | VN086278.D     | 04/15/2025       | 12:21            |
| VSTDIC010         | VSTDIC010        | VN086279.D     | 04/15/2025       | 12:45            |
| VSTDIC020         | VSTDIC020        | VN086280.D     | 04/15/2025       | 13:09            |
| VSTDIC050         | VSTDIC050        | VN086281.D     | 04/15/2025       | 13:51            |
| VSTDIC100         | VSTDIC100        | VN086282.D     | 04/15/2025       | 14:29            |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VN086477.D BFB Injection Date: 05/05/2025  
Instrument ID: MSVOA\_N BFB Injection Time: 10:23  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 53.1                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.4                  |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 74                   |
| 175 | 5.0 - 9.0% of mass 174             | 5.5 ( 7.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 70.3 ( 95 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 4.8 ( 6.8 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050        | VSTDCCC050       | VN086478.D     | 05/05/2025       | 11:32            |
| VN0505MBL01       | VN0505MBL01      | VN086479.D     | 05/05/2025       | 12:13            |
| VN0505MBS01       | VN0505MBS01      | VN086491.D     | 05/05/2025       | 17:13            |
| SS-6MEDL          | Q1914-07MEDL     | VN086494.D     | 05/05/2025       | 18:25            |
| SS-7DL            | Q1914-08DL       | VN086495.D     | 05/05/2025       | 18:49            |
| SS-8MEDL          | Q1914-09MEDL     | VN086496.D     | 05/05/2025       | 19:14            |



VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VN086503.D BFB Injection Date: 05/06/2025  
Instrument ID: MSVOA\_N BFB Injection Time: 09:13  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19                   |
| 75  | 30.0 - 60.0% of mass 95            | 51.3                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.3                  |
| 173 | Less than 2.0% of mass 174         | 0.9 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 73.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 5 ( 6.8 ) 1          |
| 176 | 95.0 - 101.0% of mass 174          | 71.8 ( 97.3 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.6 ( 6.3 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050        | VSTDCCC050       | VN086504.D     | 05/06/2025       | 10:35            |
| VN0506MBL01       | VN0506MBL01      | VN086505.D     | 05/06/2025       | 11:11            |
| VN0506MBS01       | VN0506MBS01      | VN086515.D     | 05/06/2025       | 15:23            |
| SS-5ME            | Q1914-06ME       | VN086518.D     | 05/06/2025       | 16:35            |
| SS-6ME            | Q1914-07ME       | VN086519.D     | 05/06/2025       | 16:59            |
| SS-7              | Q1914-08         | VN086520.D     | 05/06/2025       | 17:23            |
| SS-8ME            | Q1914-09ME       | VN086521.D     | 05/06/2025       | 17:48            |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VX045524.D BFB Injection Date: 04/01/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 16:15  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 23.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 58.2                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.3                  |
| 173 | Less than 2.0% of mass 174         | 0.8 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 66.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.2 ( 7.8 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 65.3 ( 97.8 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.4 ( 6.8 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC001         | VSTDIC001        | VX045525.D     | 04/01/2025       | 17:06            |
| VSTDIC005         | VSTDIC005        | VX045526.D     | 04/01/2025       | 17:29            |
| VSTDIC020         | VSTDIC020        | VX045527.D     | 04/01/2025       | 17:52            |
| VSTDIC050         | VSTDIC050        | VX045528.D     | 04/01/2025       | 18:15            |
| VSTDIC100         | VSTDIC100        | VX045529.D     | 04/01/2025       | 18:38            |
| VSTDIC150         | VSTDIC150        | VX045530.D     | 04/01/2025       | 19:02            |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VX045984.D BFB Injection Date: 04/30/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 09:32  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 22.5                 |
| 75  | 30.0 - 60.0% of mass 95            | 57.2                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.5                  |
| 173 | Less than 2.0% of mass 174         | 1 ( 1.4 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 69.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.3 ( 7.7 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 67.1 ( 96.5 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.5 ( 6.6 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050        | VSTDCCC050       | VX045985.D     | 04/30/2025       | 10:01            |
| VX0430WBL01       | VX0430WBL01      | VX045987.D     | 04/30/2025       | 10:55            |
| VX0430WBS01       | VX0430WBS01      | VX045988.D     | 04/30/2025       | 11:19            |
| VX0430WBSD01      | VX0430WBSD01     | VX045989.D     | 04/30/2025       | 11:46            |
| FB04282025        | Q1914-14         | VX045991.D     | 04/30/2025       | 12:32            |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VY021952.D BFB Injection Date: 04/22/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 11:33  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 16.9                 |
| 75  | 30.0 - 60.0% of mass 95            | 49.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.5                  |
| 173 | Less than 2.0% of mass 174         | 1.5 ( 1.7 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 88.4                 |
| 175 | 5.0 - 9.0% of mass 174             | 7.1 ( 8 ) 1          |
| 176 | 95.0 - 101.0% of mass 174          | 84.9 ( 96.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.5 ( 6.4 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC005         | VSTDIC005        | VY021953.D     | 04/22/2025       | 13:39            |
| VSTDIC010         | VSTDIC010        | VY021954.D     | 04/22/2025       | 14:44            |
| VSTDIC020         | VSTDIC020        | VY021955.D     | 04/22/2025       | 15:07            |
| VSTDIC050         | VSTDIC050        | VY021956.D     | 04/22/2025       | 15:29            |
| VSTDIC100         | VSTDIC100        | VY021957.D     | 04/22/2025       | 15:52            |
| VSTDIC150         | VSTDIC150        | VY021958.D     | 04/22/2025       | 16:15            |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VY022094.D BFB Injection Date: 05/01/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 08:20  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 15.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 47.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.6                  |
| 173 | Less than 2.0% of mass 174         | 1.5 ( 1.7 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 87.7                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.9 ( 7.8 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 83.4 ( 95.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.6 ( 6.8 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050        | VSTDCCC050       | VY022095.D     | 05/01/2025       | 08:50            |
| VY0501SBL01       | VY0501SBL01      | VY022096.D     | 05/01/2025       | 10:11            |
| VY0501SBS01       | VY0501SBS01      | VY022097.D     | 05/01/2025       | 10:42            |
| SS-1              | Q1914-01         | VY022107.D     | 05/01/2025       | 15:02            |
| SS-91             | Q1914-02         | VY022108.D     | 05/01/2025       | 15:28            |
| SS-2              | Q1914-03         | VY022109.D     | 05/01/2025       | 16:04            |
| SS-3              | Q1914-04         | VY022110.D     | 05/01/2025       | 16:27            |
| SS-4              | Q1914-05         | VY022111.D     | 05/01/2025       | 16:49            |
| SS-5              | Q1914-06         | VY022112.D     | 05/01/2025       | 17:16            |
| SS-6              | Q1914-07         | VY022113.D     | 05/01/2025       | 17:37            |
| SS-8              | Q1914-09         | VY022114.D     | 05/01/2025       | 18:00            |
| SS-8MS            | Q1914-10MS       | VY022115.D     | 05/01/2025       | 18:23            |
| SS-8MSD           | Q1914-11MSD      | VY022116.D     | 05/01/2025       | 18:46            |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VY022169.D BFB Injection Date: 05/06/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 08:00  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 17.1                 |
| 75  | 30.0 - 60.0% of mass 95            | 49.4                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 173 | Less than 2.0% of mass 174         | 1.2 ( 1.3 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 91.6                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.9 ( 7.5 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 89 ( 97.2 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 5.8 ( 6.5 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050        | VSTDCCC050       | VY022170.D     | 05/06/2025       | 09:14            |
| VY0506SBL01       | VY0506SBL01      | VY022171.D     | 05/06/2025       | 09:45            |
| VY0506SBS01       | VY0506SBS01      | VY022172.D     | 05/06/2025       | 10:17            |
| SS-9              | Q1914-12         | VY022178.D     | 05/06/2025       | 13:03            |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02  
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
 Lab File ID: VN086478.D Date Analyzed: 05/05/2025  
 Instrument ID: MSVOA\_N Time Analyzed: 11:32  
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

|                | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT # | IS3<br>AREA # | RT #   |
|----------------|---------------|-------|---------------|------|---------------|--------|
| 12 HOUR STD    | 154484        | 8.22  | 297307        | 9.10 | 276417        | 11.87  |
| UPPER LIMIT    | 308968        | 8.718 | 594614        | 9.6  | 552834        | 12.365 |
| LOWER LIMIT    | 77242         | 7.718 | 148654        | 8.6  | 138209        | 11.365 |
| EPA SAMPLE NO. |               |       |               |      |               |        |
| SS-6MEDL       | 166833        | 8.22  | 307337        | 9.10 | 302781        | 11.87  |
| SS-7DL         | 162880        | 8.22  | 306914        | 9.10 | 283717        | 11.87  |
| SS-8MEDL       | 167617        | 8.22  | 312635        | 9.10 | 300291        | 11.87  |
| VN0505MBL01    | 156968        | 8.22  | 298822        | 9.10 | 277824        | 11.87  |
| VN0505MBS01    | 174392        | 8.22  | 323563        | 9.10 | 294006        | 11.87  |

IS1 = Pentafluorobenzene  
 IS2 = 1,4-Difluorobenzene  
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = -50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
 \* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02  
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
 Lab File ID: VN086478.D Date Analyzed: 05/05/2025  
 Instrument ID: MSVOA\_N Time Analyzed: 11:32  
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

|                | IS4<br>AREA # | RT #   |  |  |  |  |
|----------------|---------------|--------|--|--|--|--|
| 12 HOUR STD    | 133852        | 13.788 |  |  |  |  |
| UPPER LIMIT    | 267704        | 14.288 |  |  |  |  |
| LOWER LIMIT    | 66926         | 13.288 |  |  |  |  |
| EPA SAMPLE NO. |               |        |  |  |  |  |
| SS-6MEDL       | 140970        | 13.79  |  |  |  |  |
| SS-7DL         | 128135        | 13.79  |  |  |  |  |
| SS-8MEDL       | 141242        | 13.79  |  |  |  |  |
| VN0505MBL01    | 117072        | 13.79  |  |  |  |  |
| VN0505MBS01    | 137470        | 13.79  |  |  |  |  |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = -50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
 \* Values outside of QC limits.



VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VN086504.D Date Analyzed: 05/06/2025  
Instrument ID: MSVOA\_N Time Analyzed: 10:35  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

|                | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #   |
|----------------|---------------|-------|---------------|-------|---------------|--------|
| 12 HOUR STD    | 186971        | 8.22  | 338775        | 9.09  | 314072        | 11.86  |
| UPPER LIMIT    | 373942        | 8.724 | 677550        | 9.594 | 628144        | 12.359 |
| LOWER LIMIT    | 93485.5       | 7.724 | 169388        | 8.594 | 157036        | 11.359 |
| EPA SAMPLE NO. |               |       |               |       |               |        |
| SS-5ME         | 169551        | 8.22  | 319127        | 9.09  | 297541        | 11.87  |
| SS-6ME         | 172187        | 8.22  | 322534        | 9.09  | 313788        | 11.87  |
| SS-7           | 198517        | 8.22  | 370271        | 9.09  | 347259        | 11.86  |
| SS-8ME         | 202938        | 8.22  | 380050        | 9.09  | 349216        | 11.87  |
| VN0506MBL01    | 194854        | 8.22  | 360705        | 9.10  | 339328        | 11.87  |
| VN0506MBS01    | 186931        | 8.22  | 334765        | 9.10  | 293306        | 11.87  |

IS1 = Pentafluorobenzene  
IS2 = 1,4-Difluorobenzene  
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02  
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
 Lab File ID: VN086504.D Date Analyzed: 05/06/2025  
 Instrument ID: MSVOA\_N Time Analyzed: 10:35  
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

|                | IS4<br>AREA # | RT #   |  |  |  |  |
|----------------|---------------|--------|--|--|--|--|
| 12 HOUR STD    | 155373        | 13.788 |  |  |  |  |
| UPPER LIMIT    | 310746        | 14.288 |  |  |  |  |
| LOWER LIMIT    | 77686.5       | 13.288 |  |  |  |  |
| EPA SAMPLE NO. |               |        |  |  |  |  |
| SS-5ME         | 131140        | 13.79  |  |  |  |  |
| SS-6ME         | 148688        | 13.79  |  |  |  |  |
| SS-7           | 152767        | 13.79  |  |  |  |  |
| SS-8ME         | 167366        | 13.79  |  |  |  |  |
| VN0506MBL01    | 141530        | 13.79  |  |  |  |  |
| VN0506MBS01    | 131486        | 13.79  |  |  |  |  |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VX045985.D Date Analyzed: 04/30/2025  
Instrument ID: MSVOA\_X Time Analyzed: 10:01  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT # | IS3<br>AREA # | RT #   |
|----------------|---------------|-------|---------------|------|---------------|--------|
| 12 HOUR STD    | 83019         | 5.55  | 141256        | 6.75 | 122754        | 10.05  |
| UPPER LIMIT    | 166038        | 6.049 | 282512        | 7.25 | 245508        | 10.549 |
| LOWER LIMIT    | 41509.5       | 5.049 | 70628         | 6.25 | 61377         | 9.549  |
| EPA SAMPLE NO. |               |       |               |      |               |        |
| FB04282025     | 59292         | 5.55  | 117758        | 6.76 | 108001        | 10.06  |
| VX0430WBL01    | 62274         | 5.54  | 125239        | 6.76 | 116463        | 10.05  |
| VX0430WBS01    | 79591         | 5.54  | 138531        | 6.76 | 123154        | 10.05  |
| VX0430WBSD01   | 77091         | 5.54  | 132529        | 6.76 | 119517        | 10.05  |

IS1 = Pentafluorobenzene  
IS2 = 1,4-Difluorobenzene  
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02  
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
 Lab File ID: VX045985.D Date Analyzed: 04/30/2025  
 Instrument ID: MSVOA\_X Time Analyzed: 10:01  
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                | IS4<br>AREA # | RT #   |  |  |  |  |
|----------------|---------------|--------|--|--|--|--|
| 12 HOUR STD    | 60558         | 12.018 |  |  |  |  |
| UPPER LIMIT    | 121116        | 12.518 |  |  |  |  |
| LOWER LIMIT    | 30279         | 11.518 |  |  |  |  |
| EPA SAMPLE NO. |               |        |  |  |  |  |
| FB04282025     | 46147         | 12.02  |  |  |  |  |
| VX0430WBL01    | 49781         | 12.02  |  |  |  |  |
| VX0430WBS01    | 58135         | 12.02  |  |  |  |  |
| VX0430WBSD01   | 57970         | 12.02  |  |  |  |  |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = -50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
 \* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VY022095.D Date Analyzed: 05/01/2025  
Instrument ID: MSVOA\_Y Time Analyzed: 08:50  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #  |
|----------------|---------------|-------|---------------|-------|---------------|-------|
| 12 HOUR STD    | 300031        | 7.71  | 433614        | 8.62  | 410078        | 11.42 |
| UPPER LIMIT    | 600062        | 8.207 | 867228        | 9.116 | 820156        | 11.92 |
| LOWER LIMIT    | 150016        | 7.207 | 216807        | 8.116 | 205039        | 10.92 |
| EPA SAMPLE NO. |               |       |               |       |               |       |
| SS-1           | 324354        | 7.71  | 597762        | 8.62  | 534537        | 11.41 |
| SS-91          | 377287        | 7.71  | 686536        | 8.62  | 618810        | 11.41 |
| SS-2           | 334804        | 7.71  | 631024        | 8.62  | 599039        | 11.41 |
| SS-3           | 334416        | 7.71  | 623746        | 8.62  | 568605        | 11.41 |
| SS-4           | 329699        | 7.71  | 612320        | 8.62  | 536248        | 11.41 |
| SS-5           | 348703        | 7.71  | 593175        | 8.62  | 525097        | 11.41 |
| SS-6           | 546701        | 7.71  | 868396 *      | 8.62  | 697183        | 11.41 |
| SS-8           | 521018        | 7.71  | 814848        | 8.62  | 583005        | 11.42 |
| SS-8MS         | 342721        | 7.71  | 536963        | 8.62  | 334367        | 11.42 |
| SS-8MSD        | 321965        | 7.71  | 519584        | 8.62  | 313382        | 11.42 |
| VY0501SBL01    | 317996        | 7.71  | 585580        | 8.62  | 508953        | 11.42 |
| VY0501SBS01    | 294485        | 7.71  | 452802        | 8.62  | 414235        | 11.41 |

IS1 = Pentafluorobenzene

IS2 = 1,4-Difluorobenzene

IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VY022095.D Date Analyzed: 05/01/2025  
Instrument ID: MSVOA\_Y Time Analyzed: 08:50  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                | IS4<br>AREA # | RT #   |  |  |  |  |
|----------------|---------------|--------|--|--|--|--|
| 12 HOUR STD    | 227184        | 13.347 |  |  |  |  |
| UPPER LIMIT    | 454368        | 13.847 |  |  |  |  |
| LOWER LIMIT    | 113592        | 12.847 |  |  |  |  |
| EPA SAMPLE NO. |               |        |  |  |  |  |
| SS-1           | 218119        | 13.35  |  |  |  |  |
| SS-91          | 255221        | 13.35  |  |  |  |  |
| SS-2           | 258914        | 13.35  |  |  |  |  |
| SS-3           | 236192        | 13.35  |  |  |  |  |
| SS-4           | 199649        | 13.35  |  |  |  |  |
| SS-5           | 237049        | 13.35  |  |  |  |  |
| SS-6           | 327199        | 13.35  |  |  |  |  |
| SS-8           | 511573 *      | 13.35  |  |  |  |  |
| SS-8MS         | 378955        | 13.33  |  |  |  |  |
| SS-8MSD        | 398456        | 13.35  |  |  |  |  |
| VY0501SBL01    | 180066        | 13.35  |  |  |  |  |
| VY0501SBS01    | 225406        | 13.35  |  |  |  |  |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02  
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
Lab File ID: VY022170.D Date Analyzed: 05/06/2025  
Instrument ID: MSVOA\_Y Time Analyzed: 09:14  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #  |
|----------------|---------------|-------|---------------|-------|---------------|-------|
| 12 HOUR STD    | 239745        | 7.71  | 360580        | 8.62  | 331226        | 11.42 |
| UPPER LIMIT    | 479490        | 8.213 | 721160        | 9.116 | 662452        | 11.92 |
| LOWER LIMIT    | 119873        | 7.213 | 180290        | 8.116 | 165613        | 10.92 |
| EPA SAMPLE NO. |               |       |               |       |               |       |
| SS-9           | 197156        | 7.71  | 383574        | 8.62  | 339845        | 11.42 |
| VY0506SBL01    | 251073        | 7.71  | 481164        | 8.62  | 415589        | 11.42 |
| VY0506SBS01    | 219542        | 7.71  | 344933        | 8.62  | 314858        | 11.42 |

IS1 = Pentafluorobenzene  
IS2 = 1,4-Difluorobenzene  
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02  
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914  
 Lab File ID: VY022170.D Date Analyzed: 05/06/2025  
 Instrument ID: MSVOA\_Y Time Analyzed: 09:14  
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                | IS4<br>AREA # | RT #   |  |  |  |  |
|----------------|---------------|--------|--|--|--|--|
| 12 HOUR STD    | 184988        | 13.346 |  |  |  |  |
| UPPER LIMIT    | 369976        | 13.846 |  |  |  |  |
| LOWER LIMIT    | 92494         | 12.846 |  |  |  |  |
| EPA SAMPLE NO. |               |        |  |  |  |  |
| SS-9           | 120680        | 13.35  |  |  |  |  |
| VY0506SBL01    | 146510        | 13.35  |  |  |  |  |
| VY0506SBS01    | 170277        | 13.35  |  |  |  |  |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area  
 AREA LOWER LIMIT = -50% of internal standard area  
 RT UPPER LIMIT = +0.50 minutes of internal standard RT  
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
 \* Values outside of QC limits.





# QC SAMPLE DATA

## Report of Analysis

|                    |                              |           |                 |              |
|--------------------|------------------------------|-----------|-----------------|--------------|
| Client:            | CDM Smith                    |           | Date Collected: |              |
| Project:           | Con Ed UTEN Mount Vernon, NY |           | Date Received:  |              |
| Client Sample ID:  | VN0505MBL01                  | SDG No.:  | Q1914           |              |
| Lab Sample ID:     | VN0505MBL01                  | Matrix:   | SOIL            |              |
| Analytical Method: | 8260D                        | % Solid:  | 100             |              |
| Sample Wt/Vol:     | 5                            | Units: g  | Final Vol:      | 10000 uL     |
| Soil Aliquot Vol:  | 100                          | uL        | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624                      | ID : 0.25 | Level :         | MED          |
| Prep Method :      |                              |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN086479.D        | 1         |           | 05/05/25 12:13 | VN050525      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 500    | U         | 79.0     | 500        | ug/Kg             |
| 108-88-3                  | Toluene                | 500    | U         | 78.0     | 500        | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 500    | U         | 67.0     | 500        | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 1500   | U         | 202      | 1500       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 500    | U         | 78.0     | 500        | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 500    | U         | 73.0     | 500        | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 500    | U         | 82.0     | 500        | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 500    | U         | 67.0     | 500        | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 500    | U         | 64.0     | 500        | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 500    | U         | 66.0     | 500        | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 500    | U         | 62.0     | 500        | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 500    | U         | 150      | 500        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 48.4   |           | 63 - 155 | 97%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 60.5   |           | 70 - 134 | 121%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 51.1   |           | 74 - 123 | 102%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 48.6   |           | 38 - 136 | 97%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 157000 | 8.224     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 299000 | 9.1       |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 278000 | 11.865    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 117000 | 13.788    |          |            |                   |

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## Report of Analysis

|                    |                              |           |                 |              |
|--------------------|------------------------------|-----------|-----------------|--------------|
| Client:            | CDM Smith                    |           | Date Collected: |              |
| Project:           | Con Ed UTEN Mount Vernon, NY |           | Date Received:  |              |
| Client Sample ID:  | VN0506MBL01                  |           | SDG No.:        | Q1914        |
| Lab Sample ID:     | VN0506MBL01                  |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                        |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                            | Units: g  | Final Vol:      | 10000 uL     |
| Soil Aliquot Vol:  | 100                          | uL        | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624                      | ID : 0.25 | Level :         | MED          |
| Prep Method :      |                              |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN086505.D        | 1         |           | 05/06/25 11:11 | VN050625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 500    | U         | 79.0     | 500        | ug/Kg             |
| 108-88-3                  | Toluene                | 500    | U         | 78.0     | 500        | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 500    | U         | 67.0     | 500        | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 1500   | U         | 202      | 1500       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 500    | U         | 78.0     | 500        | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 500    | U         | 73.0     | 500        | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 500    | U         | 82.0     | 500        | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 500    | U         | 67.0     | 500        | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 500    | U         | 64.0     | 500        | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 500    | U         | 66.0     | 500        | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 500    | U         | 62.0     | 500        | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 500    | U         | 150      | 500        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 46.9   |           | 63 - 155 | 94%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 60.6   |           | 70 - 134 | 121%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 50.7   |           | 74 - 123 | 101%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 48.7   |           | 38 - 136 | 97%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 195000 | 8.224     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 361000 | 9.1       |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 339000 | 11.865    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 142000 | 13.788    |          |            |                   |

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## Report of Analysis

|                    |                              |            |                 |    |
|--------------------|------------------------------|------------|-----------------|----|
| Client:            | CDM Smith                    |            | Date Collected: |    |
| Project:           | Con Ed UTEN Mount Vernon, NY |            | Date Received:  |    |
| Client Sample ID:  | VX0430WBL01                  | SDG No.:   | Q1914           |    |
| Lab Sample ID:     | VX0430WBL01                  | Matrix:    | Water           |    |
| Analytical Method: | 8260D                        | % Solid:   | 0               |    |
| Sample Wt/Vol:     | 5                            | Units:     | mL              |    |
| Soil Aliquot Vol:  |                              |            | uL              |    |
| GC Column:         | DB-624UI                     | ID :       | 0.18            |    |
| Prep Method :      |                              | Level :    | LOW             |    |
|                    |                              | Final Vol: | 5000            | uL |
|                    |                              | Test:      | VOCMS Group3    |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX045987.D        | 1         |           | 04/30/25 10:55 | VX043025      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |          |            |         |
| 71-43-2                   | Benzene                | 1.00   | U         | 0.15     | 1.00       | ug/L    |
| 108-88-3                  | Toluene                | 1.00   | U         | 0.14     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene          | 1.00   | U         | 0.13     | 1.00       | ug/L    |
| 1330-20-7                 | Total Xylenes          | 3.00   | U         | 0.36     | 3.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene       | 1.00   | U         | 0.12     | 1.00       | ug/L    |
| 103-65-1                  | n-propylbenzene        | 1.00   | U         | 0.13     | 1.00       | ug/L    |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 1.00   | U         | 0.15     | 1.00       | ug/L    |
| 98-06-6                   | tert-Butylbenzene      | 1.00   | U         | 0.14     | 1.00       | ug/L    |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 1.00   | U         | 0.14     | 1.00       | ug/L    |
| 135-98-8                  | sec-Butylbenzene       | 1.00   | U         | 0.13     | 1.00       | ug/L    |
| 99-87-6                   | p-Isopropyltoluene     | 1.00   | U         | 0.13     | 1.00       | ug/L    |
| 104-51-8                  | n-Butylbenzene         | 1.00   | U         | 0.15     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 56.3   |           | 74 - 125 | 113%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 52.5   |           | 75 - 124 | 105%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 50.4   |           | 86 - 113 | 101%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 51.9   |           | 77 - 121 | 104%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene     | 62300  | 5.544     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 125000 | 6.757     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 116000 | 10.049    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 49800  | 12.018    |          |            |         |

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## Report of Analysis

|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
| Client:            | CDM Smith                    | Date Collected: |              |
| Project:           | Con Ed UTEN Mount Vernon, NY | Date Received:  |              |
| Client Sample ID:  | VY0501SBL01                  | SDG No.:        | Q1914        |
| Lab Sample ID:     | VY0501SBL01                  | Matrix:         | SOIL         |
| Analytical Method: | 8260D                        | % Solid:        | 100          |
| Sample Wt/Vol:     | 5 Units: g                   | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                           | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624 ID : 0.25            | Level :         | LOW          |
| Prep Method :      |                              |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022096.D        | 1         |           | 05/01/25 10:11 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 5.00   | U         | 0.79     | 5.00       | ug/Kg             |
| 108-88-3                  | Toluene                | 5.00   | U         | 0.78     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 5.00   | U         | 0.67     | 5.00       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 15.0   | U         | 2.02     | 15.0       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 5.00   | U         | 0.78     | 5.00       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 5.00   | U         | 0.73     | 5.00       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 5.00   | U         | 0.82     | 5.00       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 5.00   | U         | 0.67     | 5.00       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 5.00   | U         | 0.64     | 5.00       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 5.00   | U         | 0.66     | 5.00       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 5.00   | U         | 0.62     | 5.00       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 5.00   | U         | 1.50     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 49.2   |           | 63 - 155 | 98%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 50.6   |           | 70 - 134 | 101%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 47.8   |           | 74 - 123 | 96%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 53.1   |           | 38 - 136 | 106%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 318000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 586000 | 8.615     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 509000 | 11.42     |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 180000 | 13.346    |          |            |                   |

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## Report of Analysis

|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
| Client:            | CDM Smith                    | Date Collected: |              |
| Project:           | Con Ed UTEN Mount Vernon, NY | Date Received:  |              |
| Client Sample ID:  | VY0506SBL01                  | SDG No.:        | Q1914        |
| Lab Sample ID:     | VY0506SBL01                  | Matrix:         | SOIL         |
| Analytical Method: | 8260D                        | % Solid:        | 100          |
| Sample Wt/Vol:     | 5 Units: g                   | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                           | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624 ID : 0.25            | Level :         | LOW          |
| Prep Method :      |                              |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022171.D        | 1         |           | 05/06/25 09:45 | VY050625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 5.00   | U         | 0.79     | 5.00       | ug/Kg             |
| 108-88-3                  | Toluene                | 5.00   | U         | 0.78     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 5.00   | U         | 0.67     | 5.00       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 15.0   | U         | 2.02     | 15.0       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 5.00   | U         | 0.78     | 5.00       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 5.00   | U         | 0.73     | 5.00       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 5.00   | U         | 0.82     | 5.00       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 5.00   | U         | 0.67     | 5.00       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 5.00   | U         | 0.64     | 5.00       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 5.00   | U         | 0.66     | 5.00       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 5.00   | U         | 0.62     | 5.00       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 5.00   | U         | 1.50     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 55.3   |           | 63 - 155 | 111%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 50.7   |           | 70 - 134 | 101%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 48.2   |           | 74 - 123 | 96%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 53.8   |           | 38 - 136 | 108%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 251000 | 7.713     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 481000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 416000 | 11.42     |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 147000 | 13.346    |          |            |                   |

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## Report of Analysis

|                    |                              |           |                 |              |
|--------------------|------------------------------|-----------|-----------------|--------------|
| Client:            | CDM Smith                    |           | Date Collected: |              |
| Project:           | Con Ed UTEN Mount Vernon, NY |           | Date Received:  |              |
| Client Sample ID:  | VN0505MBS01                  |           | SDG No.:        | Q1914        |
| Lab Sample ID:     | VN0505MBS01                  |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                        |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                            | Units: g  | Final Vol:      | 10000 uL     |
| Soil Aliquot Vol:  | 100                          | uL        | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624                      | ID : 0.25 | Level :         | MED          |
| Prep Method :      |                              |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN086491.D        | 1         |           | 05/05/25 17:13 | VN050525      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 2000   |           | 79.0     | 500        | ug/Kg             |
| 108-88-3                  | Toluene                | 2000   |           | 78.0     | 500        | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 2100   |           | 67.0     | 500        | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 6100   |           | 202      | 1500       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 1900   |           | 78.0     | 500        | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 1900   |           | 73.0     | 500        | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 2000   |           | 82.0     | 500        | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 2000   |           | 67.0     | 500        | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 2000   |           | 64.0     | 500        | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 2000   |           | 66.0     | 500        | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 2000   |           | 62.0     | 500        | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 1900   |           | 150      | 500        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 51.4   |           | 63 - 155 | 103%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 57.3   |           | 70 - 134 | 115%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 50.8   |           | 74 - 123 | 102%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 51.3   |           | 38 - 136 | 103%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 174000 | 8.224     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 324000 | 9.1       |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 294000 | 11.865    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 137000 | 13.788    |          |            |                   |

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## Report of Analysis

|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
| Client:            | CDM Smith                    | Date Collected: |              |
| Project:           | Con Ed UTEN Mount Vernon, NY | Date Received:  |              |
| Client Sample ID:  | VN0506MBS01                  | SDG No.:        | Q1914        |
| Lab Sample ID:     | VN0506MBS01                  | Matrix:         | SOIL         |
| Analytical Method: | 8260D                        | % Solid:        | 100          |
| Sample Wt/Vol:     | 5 Units: g                   | Final Vol:      | 10000 uL     |
| Soil Aliquot Vol:  | 100 uL                       | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624 ID : 0.25            | Level :         | MED          |
| Prep Method :      |                              |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN086515.D        | 1         |           | 05/06/25 15:23 | VN050625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 1800   |           | 79.0     | 500        | ug/Kg             |
| 108-88-3                  | Toluene                | 1900   |           | 78.0     | 500        | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 1900   |           | 67.0     | 500        | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 5800   |           | 202      | 1500       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 1900   |           | 78.0     | 500        | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 1800   |           | 73.0     | 500        | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 1900   |           | 82.0     | 500        | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 1900   |           | 67.0     | 500        | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 1900   |           | 64.0     | 500        | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 1900   |           | 66.0     | 500        | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 1900   |           | 62.0     | 500        | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 1700   |           | 150      | 500        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 48.6   |           | 63 - 155 | 97%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 57.7   |           | 70 - 134 | 115%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 50.2   |           | 74 - 123 | 100%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 47.2   |           | 38 - 136 | 94%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 187000 | 8.224     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 335000 | 9.1       |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 293000 | 11.865    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 131000 | 13.788    |          |            |                   |

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## Report of Analysis

|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
| Client:            | CDM Smith                    | Date Collected: |              |
| Project:           | Con Ed UTEN Mount Vernon, NY | Date Received:  |              |
| Client Sample ID:  | VX0430WBS01                  | SDG No.:        | Q1914        |
| Lab Sample ID:     | VX0430WBS01                  | Matrix:         | Water        |
| Analytical Method: | 8260D                        | % Solid:        | 0            |
| Sample Wt/Vol:     | 5 Units: mL                  | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                           | Test:           | VOCMS Group3 |
| GC Column:         | DB-624UI ID : 0.18           | Level :         | LOW          |
| Prep Method :      |                              |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX045988.D        | 1         |           | 04/30/25 11:19 | VX043025      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |          |            |         |
| 71-43-2                   | Benzene                | 20.2   |           | 0.15     | 1.00       | ug/L    |
| 108-88-3                  | Toluene                | 20.2   |           | 0.14     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene          | 20.6   |           | 0.13     | 1.00       | ug/L    |
| 1330-20-7                 | Total Xylenes          | 63.5   |           | 0.36     | 3.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene       | 20.7   |           | 0.12     | 1.00       | ug/L    |
| 103-65-1                  | n-propylbenzene        | 20.3   |           | 0.13     | 1.00       | ug/L    |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 21.1   |           | 0.15     | 1.00       | ug/L    |
| 98-06-6                   | tert-Butylbenzene      | 21.2   |           | 0.14     | 1.00       | ug/L    |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 20.7   |           | 0.14     | 1.00       | ug/L    |
| 135-98-8                  | sec-Butylbenzene       | 21.2   |           | 0.13     | 1.00       | ug/L    |
| 99-87-6                   | p-Isopropyltoluene     | 20.9   |           | 0.13     | 1.00       | ug/L    |
| 104-51-8                  | n-Butylbenzene         | 20.1   |           | 0.15     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 54.6   |           | 74 - 125 | 109%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 56.5   |           | 75 - 124 | 113%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 52.1   |           | 86 - 113 | 104%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 55.7   |           | 77 - 121 | 111%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene     | 79600  | 5.544     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 139000 | 6.757     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 123000 | 10.049    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 58100  | 12.018    |          |            |         |

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## Report of Analysis

|                    |                              |           |                 |              |
|--------------------|------------------------------|-----------|-----------------|--------------|
| Client:            | CDM Smith                    |           | Date Collected: |              |
| Project:           | Con Ed UTEN Mount Vernon, NY |           | Date Received:  |              |
| Client Sample ID:  | VY0501SBS01                  |           | SDG No.:        | Q1914        |
| Lab Sample ID:     | VY0501SBS01                  |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                        |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                            | Units: g  | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                              | uL        | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624                      | ID : 0.25 | Level :         | LOW          |
| Prep Method :      |                              |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022097.D        | 1         |           | 05/01/25 10:42 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 20.2   |           | 0.79     | 5.00       | ug/Kg             |
| 108-88-3                  | Toluene                | 20.6   |           | 0.78     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 19.5   |           | 0.67     | 5.00       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 60.1   |           | 2.02     | 15.0       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 19.2   |           | 0.78     | 5.00       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 19.5   |           | 0.73     | 5.00       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 19.6   |           | 0.82     | 5.00       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 19.0   |           | 0.67     | 5.00       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 19.5   |           | 0.64     | 5.00       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 19.4   |           | 0.66     | 5.00       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 19.4   |           | 0.62     | 5.00       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 18.7   |           | 1.50     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 47.5   |           | 63 - 155 | 95%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 49.5   |           | 70 - 134 | 99%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 50.1   |           | 74 - 123 | 100%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 49.3   |           | 38 - 136 | 99%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 294000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 453000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 414000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 225000 | 13.346    |          |            |                   |

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## Report of Analysis

|                    |                              |           |                 |              |
|--------------------|------------------------------|-----------|-----------------|--------------|
| Client:            | CDM Smith                    |           | Date Collected: |              |
| Project:           | Con Ed UTEN Mount Vernon, NY |           | Date Received:  |              |
| Client Sample ID:  | VY0506SBS01                  |           | SDG No.:        | Q1914        |
| Lab Sample ID:     | VY0506SBS01                  |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                        |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                            | Units: g  | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                              | uL        | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624                      | ID : 0.25 | Level :         | LOW          |
| Prep Method :      |                              |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022172.D        | 1         |           | 05/06/25 10:17 | VY050625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 21.3   |           | 0.79     | 5.00       | ug/Kg             |
| 108-88-3                  | Toluene                | 21.4   |           | 0.78     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 20.3   |           | 0.67     | 5.00       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 61.9   |           | 2.02     | 15.0       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 19.7   |           | 0.78     | 5.00       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 20.6   |           | 0.73     | 5.00       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 20.3   |           | 0.82     | 5.00       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 19.5   |           | 0.67     | 5.00       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 20.6   |           | 0.64     | 5.00       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 20.5   |           | 0.66     | 5.00       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 20.2   |           | 0.62     | 5.00       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 20.0   |           | 1.50     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 51.6   |           | 63 - 155 | 103%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 50.1   |           | 70 - 134 | 100%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 50.8   |           | 74 - 123 | 102%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 50.6   |           | 38 - 136 | 101%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 220000 | 7.713     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 345000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 315000 | 11.42     |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 170000 | 13.347    |          |            |                   |

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## Report of Analysis

|                    |                              |            |                 |    |
|--------------------|------------------------------|------------|-----------------|----|
| Client:            | CDM Smith                    |            | Date Collected: |    |
| Project:           | Con Ed UTEN Mount Vernon, NY |            | Date Received:  |    |
| Client Sample ID:  | VX0430WBSD01                 | SDG No.:   | Q1914           |    |
| Lab Sample ID:     | VX0430WBSD01                 | Matrix:    | Water           |    |
| Analytical Method: | 8260D                        | % Solid:   | 0               |    |
| Sample Wt/Vol:     | 5                            | Units:     | mL              |    |
| Soil Aliquot Vol:  |                              |            | uL              |    |
| GC Column:         | DB-624UI                     | ID :       | 0.18            |    |
| Prep Method :      |                              | Level :    | LOW             |    |
|                    |                              | Final Vol: | 5000            | uL |
|                    |                              | Test:      | VOCMS Group3    |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX045989.D        | 1         |           | 04/30/25 11:46 | VX043025      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |          |            |         |
| 71-43-2                   | Benzene                | 20.1   |           | 0.15     | 1.00       | ug/L    |
| 108-88-3                  | Toluene                | 20.5   |           | 0.14     | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene          | 20.6   |           | 0.13     | 1.00       | ug/L    |
| 1330-20-7                 | Total Xylenes          | 62.4   |           | 0.36     | 3.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene       | 20.1   |           | 0.12     | 1.00       | ug/L    |
| 103-65-1                  | n-propylbenzene        | 19.8   |           | 0.13     | 1.00       | ug/L    |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 20.3   |           | 0.15     | 1.00       | ug/L    |
| 98-06-6                   | tert-Butylbenzene      | 20.6   |           | 0.14     | 1.00       | ug/L    |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 20.6   |           | 0.14     | 1.00       | ug/L    |
| 135-98-8                  | sec-Butylbenzene       | 20.6   |           | 0.13     | 1.00       | ug/L    |
| 99-87-6                   | p-Isopropyltoluene     | 20.7   |           | 0.13     | 1.00       | ug/L    |
| 104-51-8                  | n-Butylbenzene         | 20.2   |           | 0.15     | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 54.3   |           | 74 - 125 | 109%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 56.5   |           | 75 - 124 | 113%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 52.0   |           | 86 - 113 | 104%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 56.5   |           | 77 - 121 | 113%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene     | 77100  | 5.544     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 133000 | 6.757     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 120000 | 10.049    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 58000  | 12.018    |          |            |         |

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## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-8MS                            | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-10MS                        | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 92.4                 |
| Sample Wt/Vol:     | 6.83      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022115.D        | 1         |           | 05/01/25 18:23 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 58.5   |           | 0.63     | 4.00       | ug/Kg             |
| 108-88-3                  | Toluene                | 820    | E         | 0.62     | 4.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 1400   | E         | 0.53     | 4.00       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 7700   | E         | 1.63     | 11.9       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 400    | E         | 0.62     | 4.00       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 570    | E         | 0.58     | 4.00       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 750    | E         | 0.65     | 4.00       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 14.1   |           | 0.53     | 4.00       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 1000   | E         | 0.51     | 4.00       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 370    | E         | 0.52     | 4.00       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 240    | E         | 0.49     | 4.00       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 400    | E         | 1.10     | 4.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 41.1   |           | 63 - 155 | 82%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 47.5   |           | 70 - 134 | 95%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 110    | *         | 74 - 123 | 225%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 260    | *         | 38 - 136 | 518%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 343000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 537000 | 8.615     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 334000 | 11.42     |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 379000 | 13.328    |          |            |                   |

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## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 04/28/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 04/29/25             |
| Client Sample ID:  | SS-8MSD                           | SDG No.:        | Q1914                |
| Lab Sample ID:     | Q1914-11MSD                       | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 92.4                 |
| Sample Wt/Vol:     | 7.73      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group3         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022116.D        | 1         |           | 05/01/25 18:46 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 46.5   |           | 0.55     | 3.50       | ug/Kg             |
| 108-88-3                  | Toluene                | 440    | E         | 0.55     | 3.50       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 1100   | E         | 0.47     | 3.50       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 6500   | E         | 1.44     | 10.5       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 230    | E         | 0.55     | 3.50       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 420    | E         | 0.51     | 3.50       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 580    | E         | 0.57     | 3.50       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 8.80   |           | 0.47     | 3.50       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 830    | E         | 0.45     | 3.50       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 260    | E         | 0.46     | 3.50       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 180    | E         | 0.43     | 3.50       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 320    | E         | 1.00     | 3.50       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 48.9   |           | 63 - 155 | 98%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 50.0   |           | 70 - 134 | 100%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 76.8   | *         | 74 - 123 | 154%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 170    | *         | 38 - 136 | 336%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 322000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 520000 | 8.615     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 313000 | 11.42     |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 398000 | 13.352    |          |            |                   |

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



# CALIBRATION SUMMARY

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA\_N Calibration Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:29 14:29

GC Column: RXI-624 ID: 0.25 (mm)

|                        |        |                     |        |                     |        |                     |       |       |
|------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:           |        | RRF001 = VN086277.D |        | RRF005 = VN086278.D |        | RRF010 = VN086279.D |       |       |
|                        |        | RRF020 = VN086280.D |        | RRF050 = VN086281.D |        | RRF100 = VN086282.D |       |       |
| COMPOUND               | RRF001 | RRF005              | RRF010 | RRF020              | RRF050 | RRF100              | RRF   | % RSD |
| Benzene                | 1.648  | 1.545               | 1.389  | 1.508               | 1.409  | 1.411               | 1.485 | 6.8   |
| Toluene                | 1.003  | 0.963               | 0.865  | 0.941               | 0.892  | 0.895               | 0.927 | 5.6   |
| Ethyl Benzene          | 2.210  | 2.112               | 1.873  | 2.028               | 1.918  | 1.941               | 2.014 | 6.4   |
| m/p-Xylenes            | 0.809  | 0.795               | 0.705  | 0.757               | 0.727  | 0.734               | 0.754 | 5.4   |
| o-Xylene               | 0.791  | 0.792               | 0.709  | 0.753               | 0.713  | 0.718               | 0.746 | 5.2   |
| Isopropylbenzene       | 4.666  | 4.271               | 3.991  | 4.181               | 3.728  | 3.706               | 4.090 | 8.9   |
| n-propylbenzene        | 5.366  | 5.072               | 4.629  | 4.862               | 4.488  | 4.501               | 4.820 | 7.3   |
| 1,3,5-Trimethylbenzene | 3.800  | 3.518               | 3.178  | 3.418               | 3.083  | 3.088               | 3.348 | 8.5   |
| tert-Butylbenzene      | 3.382  | 3.057               | 2.795  | 2.886               | 2.608  | 2.675               | 2.901 | 9.8   |
| 1,2,4-Trimethylbenzene | 3.782  | 3.644               | 3.262  | 3.431               | 3.171  | 3.156               | 3.408 | 7.6   |
| sec-Butylbenzene       | 4.451  | 4.309               | 3.897  | 3.991               | 3.763  | 3.729               | 4.023 | 7.3   |
| p-Isopropyltoluene     | 3.603  | 3.487               | 3.174  | 3.290               | 3.158  | 3.185               | 3.316 | 5.6   |
| n-Butylbenzene         | 3.209  | 3.013               | 2.746  | 2.921               | 2.838  | 2.910               | 2.939 | 5.4   |
| 1,2-Dichloroethane-d4  |        | 0.746               | 0.745  | 0.707               | 0.719  | 0.708               | 0.725 | 2.6   |
| Dibromofluoromethane   |        | 0.267               | 0.255  | 0.230               | 0.215  | 0.194               | 0.232 | 12.8  |
| Toluene-d8             |        | 1.247               | 1.281  | 1.185               | 1.251  | 1.237               | 1.240 | 2.8   |
| 4-Bromofluorobenzene   |        | 0.459               | 0.456  | 0.421               | 0.459  | 0.467               | 0.452 | 4     |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.



### VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA\_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

| LAB FILE ID:           |        | RRF001 = VX045525.D |        | RRF005 = VX045526.D |        | RRF020 = VX045527.D |       |       |  |
|------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|--|
|                        |        | RRF050 = VX045528.D |        | RRF100 = VX045529.D |        | RRF150 = VX045530.D |       |       |  |
| COMPOUND               | RRF001 | RRF005              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |  |
| Benzene                | 1.414  | 1.416               | 1.519  | 1.481               | 1.483  | 1.465               | 1.463 | 2.8   |  |
| Toluene                | 0.817  | 0.866               | 0.939  | 0.910               | 0.905  | 0.875               | 0.885 | 4.8   |  |
| Ethyl Benzene          | 1.608  | 1.819               | 2.002  | 2.007               | 1.993  | 2.053               | 1.914 | 8.9   |  |
| m/p-Xylenes            | 0.594  | 0.669               | 0.732  | 0.728               | 0.723  | 0.729               | 0.696 | 7.9   |  |
| o-Xylene               | 0.562  | 0.676               | 0.725  | 0.719               | 0.716  | 0.714               | 0.686 | 9.2   |  |
| Isopropylbenzene       | 3.581  | 3.850               | 4.224  | 4.181               | 4.043  | 4.151               | 4.005 | 6.2   |  |
| n-propylbenzene        | 3.734  | 4.346               | 5.012  | 4.896               | 4.819  | 4.872               | 4.613 | 10.6  |  |
| 1,3,5-Trimethylbenzene | 2.931  | 3.119               | 3.571  | 3.511               | 3.367  | 3.371               | 3.312 | 7.3   |  |
| tert-Butylbenzene      | 2.894  | 3.124               | 3.437  | 3.427               | 3.387  | 3.405               | 3.279 | 6.8   |  |
| 1,2,4-Trimethylbenzene | 2.906  | 3.129               | 3.529  | 3.523               | 3.438  | 3.420               | 3.324 | 7.6   |  |
| sec-Butylbenzene       | 3.195  | 3.828               | 4.316  | 4.300               | 4.232  | 4.292               | 4.027 | 11.1  |  |
| p-Isopropyltoluene     | 2.734  | 3.157               | 3.515  | 3.524               | 3.506  | 3.484               | 3.320 | 9.6   |  |
| n-Butylbenzene         | 2.117  | 2.486               | 2.974  | 3.160               | 3.256  | 3.283               | 2.879 | 16.5  |  |
| 1,2-Dichloroethane-d4  |        | 0.962               | 0.900  | 0.868               | 0.904  | 0.937               | 0.914 | 3.9   |  |
| Dibromofluoromethane   |        | 0.372               | 0.342  | 0.345               | 0.353  | 0.362               | 0.355 | 3.5   |  |
| Toluene-d8             |        | 1.257               | 1.233  | 1.214               | 1.230  | 1.257               | 1.238 | 1.5   |  |
| 4-Bromofluorobenzene   |        | 0.413               | 0.448  | 0.453               | 0.481  | 0.460               | 0.451 | 5.5   |  |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA\_Y Calibration Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:39 16:15

GC Column: RXI-624 ID: 0.25 (mm)

|                        |        |                     |        |                     |        |                     |       |       |
|------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:           |        | RRF005 = VY021953.D |        | RRF010 = VY021954.D |        | RRF020 = VY021955.D |       |       |
|                        |        | RRF050 = VY021956.D |        | RRF100 = VY021957.D |        | RRF150 = VY021958.D |       |       |
| COMPOUND               | RRF005 | RRF010              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |
| Benzene                | 1.423  | 1.439               | 1.351  | 1.337               | 1.415  | 1.358               | 1.387 | 3.1   |
| Toluene                | 0.838  | 0.915               | 0.875  | 0.894               | 0.952  | 0.913               | 0.898 | 4.4   |
| Ethyl Benzene          | 1.693  | 1.840               | 1.718  | 1.835               | 1.990  | 1.898               | 1.829 | 6.1   |
| m/p-Xylenes            | 0.664  | 0.720               | 0.699  | 0.734               | 0.797  | 0.754               | 0.728 | 6.3   |
| o-Xylene               | 0.599  | 0.639               | 0.635  | 0.689               | 0.747  | 0.716               | 0.671 | 8.3   |
| Isopropylbenzene       | 3.061  | 3.316               | 3.102  | 3.325               | 3.639  | 3.599               | 3.341 | 7.2   |
| n-propylbenzene        | 3.708  | 3.996               | 3.778  | 3.977               | 4.258  | 4.152               | 3.978 | 5.3   |
| 1,3,5-Trimethylbenzene | 2.467  | 2.757               | 2.614  | 2.800               | 2.978  | 2.898               | 2.752 | 6.8   |
| tert-Butylbenzene      | 2.246  | 2.382               | 2.263  | 2.494               | 2.725  | 2.701               | 2.469 | 8.5   |
| 1,2,4-Trimethylbenzene | 2.415  | 2.717               | 2.631  | 2.784               | 3.027  | 2.945               | 2.753 | 8     |
| sec-Butylbenzene       | 3.254  | 3.724               | 3.409  | 3.602               | 3.898  | 3.786               | 3.612 | 6.7   |
| p-Isopropyltoluene     | 2.717  | 3.016               | 2.869  | 3.094               | 3.386  | 3.321               | 3.067 | 8.4   |
| n-Butylbenzene         | 2.477  | 2.790               | 2.545  | 2.742               | 2.976  | 2.919               | 2.742 | 7.2   |
| 1,2-Dichloroethane-d4  | 0.525  | 0.477               | 0.459  | 0.466               | 0.418  | 0.427               | 0.462 | 8.3   |
| Dibromofluoromethane   | 0.335  | 0.341               | 0.330  | 0.330               | 0.319  | 0.327               | 0.330 | 2.3   |
| Toluene-d8             | 1.220  | 1.260               | 1.211  | 1.276               | 1.244  | 1.261               | 1.245 | 2     |
| 4-Bromofluorobenzene   | 0.408  | 0.429               | 0.401  | 0.426               | 0.423  | 0.428               | 0.419 | 2.8   |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA\_N Calibration Date/Time: 05/05/2025 11:32

Lab File ID: VN086478.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND               | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|------------------------|-------|--------|------------|-------|-------|
| Benzene                | 1.485 | 1.541  |            | 3.77  | 20    |
| Toluene                | 0.927 | 0.979  |            | 5.61  | 20    |
| Ethyl Benzene          | 2.014 | 1.999  |            | -0.75 | 20    |
| m/p-Xylenes            | 0.754 | 0.772  |            | 2.39  | 20    |
| o-Xylene               | 0.746 | 0.767  |            | 2.82  | 20    |
| Isopropylbenzene       | 4.090 | 3.762  |            | -8.02 | 20    |
| n-propylbenzene        | 4.820 | 4.463  |            | -7.41 | 20    |
| 1,3,5-Trimethylbenzene | 3.348 | 3.185  |            | -4.87 | 20    |
| tert-Butylbenzene      | 2.901 | 2.643  |            | -8.89 | 20    |
| 1,2,4-Trimethylbenzene | 3.408 | 3.330  |            | -2.29 | 20    |
| sec-Butylbenzene       | 4.023 | 3.690  |            | -8.28 | 20    |
| p-Isopropyltoluene     | 3.316 | 3.176  |            | -4.22 | 20    |
| n-Butylbenzene         | 2.939 | 2.742  |            | -6.7  | 20    |
| 1,2-Dichloroethane-d4  | 0.725 | 0.817  |            | 12.69 | 20    |
| Dibromofluoromethane   | 0.232 | 0.264  |            | 13.79 | 20    |
| Toluene-d8             | 1.240 | 1.280  |            | 3.23  | 20    |
| 4-Bromofluorobenzene   | 0.452 | 0.478  |            | 5.75  | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA\_N Calibration Date/Time: 05/06/2025 10:35

Lab File ID: VN086504.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND               | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|------------------------|-------|--------|------------|-------|-------|
| Benzene                | 1.485 | 1.462  |            | -1.55 | 20    |
| Toluene                | 0.927 | 0.953  |            | 2.81  | 20    |
| Ethyl Benzene          | 2.014 | 1.981  |            | -1.64 | 20    |
| m/p-Xylenes            | 0.754 | 0.762  |            | 1.06  | 20    |
| o-Xylene               | 0.746 | 0.762  |            | 2.14  | 20    |
| Isopropylbenzene       | 4.090 | 3.729  |            | -8.83 | 20    |
| n-propylbenzene        | 4.820 | 4.382  |            | -9.09 | 20    |
| 1,3,5-Trimethylbenzene | 3.348 | 3.125  |            | -6.66 | 20    |
| tert-Butylbenzene      | 2.901 | 2.643  |            | -8.89 | 20    |
| 1,2,4-Trimethylbenzene | 3.408 | 3.236  |            | -5.05 | 20    |
| sec-Butylbenzene       | 4.023 | 3.668  |            | -8.82 | 20    |
| p-Isopropyltoluene     | 3.316 | 3.160  |            | -4.7  | 20    |
| n-Butylbenzene         | 2.939 | 2.699  |            | -8.17 | 20    |
| 1,2-Dichloroethane-d4  | 0.725 | 0.698  |            | -3.72 | 20    |
| Dibromofluoromethane   | 0.232 | 0.250  |            | 7.76  | 20    |
| Toluene-d8             | 1.240 | 1.178  |            | -5    | 20    |
| 4-Bromofluorobenzene   | 0.452 | 0.460  |            | 1.77  | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA\_X Calibration Date/Time: 04/30/2025 10:01

Lab File ID: VX045985.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

| COMPOUND               | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|------------------------|-------|--------|------------|-------|-------|
| Benzene                | 1.463 | 1.629  |            | 11.35 | 20    |
| Toluene                | 0.885 | 1.002  |            | 13.22 | 20    |
| Ethyl Benzene          | 1.914 | 2.259  |            | 18.02 | 20    |
| m/p-Xylenes            | 0.696 | 0.828  |            | 18.97 | 20    |
| o-Xylene               | 0.686 | 0.796  |            | 16.03 | 20    |
| Isopropylbenzene       | 4.005 | 4.466  |            | 11.51 | 20    |
| n-propylbenzene        | 4.613 | 5.277  |            | 14.39 | 20    |
| 1,3,5-Trimethylbenzene | 3.312 | 3.775  |            | 13.98 | 20    |
| tert-Butylbenzene      | 3.279 | 3.730  |            | 13.75 | 20    |
| 1,2,4-Trimethylbenzene | 3.324 | 3.798  |            | 14.26 | 20    |
| sec-Butylbenzene       | 4.027 | 4.708  |            | 16.91 | 20    |
| p-Isopropyltoluene     | 3.320 | 3.912  |            | 17.83 | 20    |
| n-Butylbenzene         | 2.879 | 3.538  |            | 22.89 | 20    |
| 1,2-Dichloroethane-d4  | 0.914 | 0.976  |            | 6.78  | 20    |
| Dibromofluoromethane   | 0.355 | 0.405  |            | 14.09 | 20    |
| Toluene-d8             | 1.238 | 1.287  |            | 3.96  | 20    |
| 4-Bromofluorobenzene   | 0.451 | 0.514  |            | 13.97 | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA\_Y Calibration Date/Time: 05/01/2025 08:50

Lab File ID: VY022095.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND               | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|------------------------|-------|--------|------------|-------|-------|
| Benzene                | 1.387 | 1.370  |            | -1.23 | 20    |
| Toluene                | 0.898 | 0.925  |            | 3.01  | 20    |
| Ethyl Benzene          | 1.829 | 1.811  |            | -0.98 | 20    |
| m/p-Xylenes            | 0.728 | 0.745  |            | 2.34  | 20    |
| o-Xylene               | 0.671 | 0.676  |            | 0.75  | 20    |
| Isopropylbenzene       | 3.341 | 3.204  |            | -4.1  | 20    |
| n-propylbenzene        | 3.978 | 3.849  |            | -3.24 | 20    |
| 1,3,5-Trimethylbenzene | 2.752 | 2.700  |            | -1.89 | 20    |
| tert-Butylbenzene      | 2.469 | 2.372  |            | -3.93 | 20    |
| 1,2,4-Trimethylbenzene | 2.753 | 2.737  |            | -0.58 | 20    |
| sec-Butylbenzene       | 3.612 | 3.524  |            | -2.44 | 20    |
| p-Isopropyltoluene     | 3.067 | 3.035  |            | -1.04 | 20    |
| n-Butylbenzene         | 2.742 | 2.631  |            | -4.05 | 20    |
| 1,2-Dichloroethane-d4  | 0.462 | 0.431  |            | -6.71 | 20    |
| Dibromofluoromethane   | 0.330 | 0.335  |            | 1.51  | 20    |
| Toluene-d8             | 1.245 | 1.270  |            | 2.01  | 20    |
| 4-Bromofluorobenzene   | 0.419 | 0.427  |            | 1.91  | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA\_Y Calibration Date/Time: 05/06/2025 09:14

Lab File ID: VY022170.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND               | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|------------------------|-------|--------|------------|-------|-------|
| Benzene                | 1.387 | 1.468  |            | 5.84  | 20    |
| Toluene                | 0.898 | 0.976  |            | 8.69  | 20    |
| Ethyl Benzene          | 1.829 | 2.031  |            | 11.04 | 20    |
| m/p-Xylenes            | 0.728 | 0.817  |            | 12.23 | 20    |
| o-Xylene               | 0.671 | 0.744  |            | 10.88 | 20    |
| Isopropylbenzene       | 3.341 | 3.536  |            | 5.84  | 20    |
| n-propylbenzene        | 3.978 | 4.340  |            | 9.1   | 20    |
| 1,3,5-Trimethylbenzene | 2.752 | 2.992  |            | 8.72  | 20    |
| tert-Butylbenzene      | 2.469 | 2.618  |            | 6.03  | 20    |
| 1,2,4-Trimethylbenzene | 2.753 | 3.014  |            | 9.48  | 20    |
| sec-Butylbenzene       | 3.612 | 3.931  |            | 8.83  | 20    |
| p-Isopropyltoluene     | 3.067 | 3.352  |            | 9.29  | 20    |
| n-Butylbenzene         | 2.742 | 3.028  |            | 10.43 | 20    |
| 1,2-Dichloroethane-d4  | 0.462 | 0.462  |            | 0     | 20    |
| Dibromofluoromethane   | 0.330 | 0.334  |            | 1.21  | 20    |
| Toluene-d8             | 1.245 | 1.283  |            | 3.05  | 20    |
| 4-Bromofluorobenzene   | 0.419 | 0.436  |            | 4.06  | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.