

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121223\  
 Data File : VU056810.D  
 Acq On : 13 Dec 2023 02:12  
 Operator : MD/SY  
 Sample : 05675-17DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AC0DL

Quant Time: Dec 13 05:00:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 13 01:32:29 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 232114   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 242372   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 104054   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 75639    | 3.802  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 76.000%  |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 71688    | 4.815  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 96.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 27333    | 3.211  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 64.200%  |          |
| 20) 2-Butanone-d5             | 4.615  | 46             | 203538   | 51.802 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 103.600% |          |
| 24) Chloroform-d              | 5.055  | 84             | 180809   | 4.799  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 92633    | 5.196  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 104.000% |          |
| 32) Benzene-d6                | 5.721  | 84             | 346032   | 4.603  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 113959   | 4.843  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 96.800%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 286336   | 4.262  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 85.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 40916    | 4.484  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 89.600%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 157015   | 45.623 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 91.240%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 84284    | 4.951  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 99.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 101936   | 4.984  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.600%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 12) 1,1-Dichloroethene        | 2.576  | 96             | 7218     | 0.383  | ug/L     | 1        |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96             | 3593     | 0.173  | ug/L     | 85       |
| 34) Trichloroethene           | 6.537  | 95             | 56461    | 2.416  | ug/L     | 95       |
| 47) Tetrachloroethene         | 8.547  | 164            | 116403   | 7.118  | ug/L     | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

