

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011625\  
 Data File : VU062809.D  
 Acq On : 16 Jan 2025 10:55  
 Operator : MD/SY  
 Sample : Q1071-17  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCQ81

Quant Time: Jan 16 22:04:23 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR010225WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 16 22:02:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 97336    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 88903    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 42477    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 15278    | 2.834    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 56.600%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 16562    | 3.819    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 76.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 9267     | 3.318    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 66.400%  |
| 20) 2-Butanone-d5             | 4.605  | 46    | 62874    | 57.065   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 114.140% |
| 24) Chloroform-d              | 5.049  | 84    | 59525    | 4.488    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65    | 34639    | 4.815    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.200%  |
| 32) Benzene-d6                | 5.714  | 84    | 94495    | 4.348    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 29276    | 4.859    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.200%  |
| 41) Toluene-d8                | 7.888  | 98    | 86140    | 4.068    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.400%  |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79    | 14660    | 4.881    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 97.600%  |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 51905    | 54.948   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 109.900% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 27241    | 5.398    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 108.000% |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 34949    | 4.945    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.570  | 96    | 26336    | 4.359    | ug/L   | 97       |
| 17) Methyl tert-butyl Ether   | 3.351  | 73    | 108235   | 6.518    | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.853  | 63    | 76538    | 6.613    | ug/L   | 92       |
| 22) cis-1,2-Dichloroethene    | 4.653  | 96    | 42902    | 6.086    | ug/L   | 95       |
| 34) Trichloroethene           | 6.534  | 95    | 3318     | 0.380    | ug/L   | 92       |
| 70) 1,2,4-trichlorobenzene    | 13.839 | 180   | 6835     | 0.830    | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

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

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