

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111723\  
 Data File : VU056463.D  
 Acq On : 18 Nov 2023 00:44  
 Operator : MD/SY  
 Sample : 05441-15  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0QK5

Quant Time: Nov 19 01:24:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Nov 18 00:12:04 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 254345   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 271689   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152   | 112544   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 63553    | 3.341    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 66.800%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 66499    | 4.559    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 91.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 30184    | 3.595    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.000%  |
| 20) 2-Butanone-d5             | 4.615  | 46    | 210766   | 55.561   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 111.120% |
| 24) Chloroform-d              | 5.055  | 84    | 169337   | 4.602    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 89351    | 5.255    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 105.000% |
| 32) Benzene-d6                | 5.721  | 84    | 316724   | 3.913    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 107980   | 4.426    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.600%  |
| 41) Toluene-d8                | 7.894  | 98    | 271468   | 3.798    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 40752    | 4.355    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.200%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 182207   | 49.554   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 99.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 83411    | 4.785    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 95.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 100697   | 4.843    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 56058    | 3.600    | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.862  | 63    | 109785   | 3.460    | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96    | 2212     | 0.122    | ug/L # | 70       |
| 29) 1,1,1-Trichloroethane     | 5.309  | 97    | 3428884  | 109.947  | ug/L   | 99       |
| 34) Trichloroethene           | 6.537  | 95    | 152634   | 7.226    | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 8.399  | 97    | 1443     | 0.107    | ug/L   | 88       |
| -----                         |        |       |          |          |        |          |

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

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