

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100223\  
 Data File : VU055609.D  
 Acq On : 02 Oct 2023 17:03  
 Operator : MD/SY  
 Sample : 04679-17 100X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PMW-9D(20230928)

Quant Time: Oct 03 04:58:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 27 23:33:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 152801   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 157343   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 80419    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 62366    | 4.038    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 80.800%  |
| 7) Chloroethane-d5            | 1.914  | 69    | 67772    | 4.980    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 99.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 24692    | 3.884    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 77.600%  |
| 20) 2-Butanone-d5             | 4.634  | 46    | 151397   | 54.275   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 108.540% |
| 24) Chloroform-d              | 5.062  | 84    | 129563   | 4.638    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65    | 69245    | 5.153    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 103.000% |
| 32) Benzene-d6                | 5.724  | 84    | 240663   | 4.373    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 87.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 78170    | 4.754    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 95.000%  |
| 41) Toluene-d8                | 7.897  | 98    | 197668   | 3.941    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 78.800%  |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79    | 26375    | 4.571    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 91.400%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 84429    | 48.101   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 96.200%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 63564    | 5.158    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 103.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 72370    | 4.459    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 89.200%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 3.042  | 84    | 9999     | 0.781    | ug/L  | 97       |
| 51) Chlorobenzene             | 9.447  | 112   | 19050    | 0.616    | ug/L  | 94       |
| 64) 1,3-Dichlorobenzene       | 11.743 | 146   | 34208    | 1.542    | ug/L  | 94       |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146   | 98734    | 4.452    | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 12.212 | 146   | 7658     | 0.376    | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.836 | 180   | 351716   | 30.190   | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.328 | 180   | 14901    | 1.470    | ug/L  | 95       |
| -----                         |        |       |          |          |       |          |

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

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