

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040524\  
 Data File : VU058429.D  
 Acq On : 05 Apr 2024 19:07  
 Operator : MD/SY  
 Sample : P1948-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AH5

Quant Time: Apr 05 23:38:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 05 23:33:02 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.241  | 114   | 77577    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 76502    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 32956    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 23016    | 4.481    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 89.600%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 21239    | 4.758    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 95.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 10847    | 4.666    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 93.400%  |
| 20) 2-Butanone-d5             | 4.627  | 46    | 54189    | 50.065   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 100.120% |
| 24) Chloroform-d              | 5.052  | 84    | 49422    | 4.820    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 96.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 23714    | 4.956    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 99.200%  |
| 32) Benzene-d6                | 5.717  | 84    | 96638    | 4.692    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 93.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 31481    | 4.874    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 97.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 79572    | 4.356    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 87.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 8728     | 4.353    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 87.000%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 38163    | 46.148   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 92.300%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 20397    | 4.473    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 89.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 25593    | 4.611    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 92.200%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.573  | 96    | 2003     | 0.364    | ug/L  | # 1      |
| 19) 1,1-Dichloroethane        | 3.856  | 63    | 307639   | 24.461   | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 5.306  | 97    | 199591   | 19.459   | ug/L  | 98       |
| 42) Toluene                   | 7.965  | 91    | 21210    | 0.729    | ug/L  | 99       |
| -----                         |        |       |          |          |       |          |

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

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