

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041024\  
 Data File : VU058576.D  
 Acq On : 10 Apr 2024 22:25  
 Operator : MD/SY  
 Sample : P2014-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E0MC9

Quant Time: Apr 11 03:00:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 11 02:34:51 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 80765    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 77817    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 33469    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 24355    | 4.555    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 91.000%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 20594    | 4.432    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 88.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 10592    | 4.376    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 87.600%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 46388    | 41.166   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 82.340%  |
| 24) Chloroform-d              | 5.049  | 84    | 45758    | 4.287    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 85.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 22207    | 4.458    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 89.200%  |
| 32) Benzene-d6                | 5.718  | 84    | 92006    | 4.392    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 87.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 28988    | 4.412    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 88.200%  |
| 41) Toluene-d8                | 7.891  | 98    | 75831    | 4.081    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 81.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 7542     | 3.698    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 74.000%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 32326    | 38.429   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 76.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 18253    | 3.935    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 78.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 21648    | 3.840    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 76.800%# |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 5) Vinyl chloride             | 1.596  | 62    | 117838   | 14.321   | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 3.348  | 96    | 3163     | 0.527    | ug/L  | 94       |
| 22) cis-1,2-Dichloroethene    | 4.657  | 96    | 17933    | 2.662    | ug/L  | 96       |
| 30) Cyclohexane               | 5.380  | 56    | 14846    | 1.347    | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.756  | 83    | 6788     | 0.634    | ug/L  | 91       |
| -----                         |        |       |          |          |       |          |

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

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