

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120722\  
 Data File : VU052200.D  
 Acq On : 07 Dec 2022 16:40  
 Operator : JC/MD  
 Sample : N5930-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXZ87

Quant Time: Dec 08 02:01:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 08 01:59:42 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 205783   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 211043   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 77971    | 5.000    | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 88434    | 4.418    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 88.400%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 75325    | 4.845    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 96.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 32826    | 4.575    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 91.600%  |
| 20) 2-Butanone-d5             | 4.620  | 46    | 181013   | 49.890   | ug/L  | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 99.780%  |
| 24) Chloroform-d              | 5.063  | 84    | 146442   | 4.979    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 99.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 76037    | 5.119    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 102.400% |
| 32) Benzene-d6                | 5.726  | 84    | 291891   | 4.659    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 93.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 95910    | 4.946    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 99.000%  |
| 41) Toluene-d8                | 7.899  | 98    | 218123   | 3.848    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 77.000%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 29832    | 4.222    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 84.400%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 131928   | 44.057   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 88.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84    | 83233    | 4.951    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 99.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 78194    | 5.238    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 104.800% |
| Target Compounds              |        |       |          |          |       |          |
| 12) 1,1-Dichloroethene        | 2.578  | 96    | 6655     | 0.446    | ug/L  | # 1      |
| 17) Methyl tert-butyl Ether   | 3.366  | 73    | 5057     | 0.151    | ug/L  | 95       |
| 18) trans-1,2-Dichloroethene  | 3.359  | 96    | 2933     | 0.183    | ug/L  | 84       |
| 19) 1,1-Dichloroethane        | 3.871  | 63    | 100830   | 3.496    | ug/L  | 100      |
| 22) cis-1,2-Dichloroethene    | 4.668  | 96    | 23491    | 1.399    | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 5.314  | 97    | 450044   | 19.221   | ug/L  | 99       |
| 34) Trichloroethene           | 6.543  | 95    | 12697    | 0.741    | ug/L  | 98       |

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

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