

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020523\  
 Data File : VU052966.D  
 Acq On : 05 Feb 2023 20:12  
 Operator : JC/MD  
 Sample : 01444-12  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COM16

Quant Time: Feb 05 22:00:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011023WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sun Feb 05 21:58:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|---------|---------|----------|
| -----                         |        |                |          |         |         |          |
| Internal Standards            |        |                |          |         |         |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114            | 143379   | 5.000   | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117            | 144347   | 5.000   | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152            | 61194    | 5.000   | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |         |         |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 39689    | 3.151   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =       | 63.000% |          |
| 7) Chloroethane-d5            | 1.912  | 69             | 44363    | 4.323   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =       | 86.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65             | 20697    | 3.731   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =       | 74.600% |          |
| 20) 2-Butanone-d5             | 4.633  | 46             | 124195   | 36.875  | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =       | 73.740% |          |
| 24) Chloroform-d              | 5.060  | 84             | 100517   | 4.278   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 85.600% |          |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65             | 49656    | 4.115   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 82.400% |          |
| 32) Benzene-d6                | 5.723  | 84             | 186990   | 3.997   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 80.000% |          |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67             | 60528    | 3.882   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =       | 77.600% |          |
| 41) Toluene-d8                | 7.896  | 98             | 155250   | 3.764   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 75.200% |          |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79             | 19812    | 3.417   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =       | 68.400% |          |
| 46) 2-Hexanone-d5             | 8.629  | 63             | 81617    | 33.888  | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =       | 67.780% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84             | 50541    | 4.234   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =       | 84.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152            | 55624    | 4.993   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =       | 99.800% |          |
| Target Compounds              |        |                |          |         |         |          |
|                               |        |                |          |         | Qvalue  |          |
| 5) Vinyl chloride             | 1.604  | 62             | 7319     | 0.409   | ug/L    | 96       |
| 12) 1,1-Dichloroethene        | 2.578  | 96             | 22205    | 1.786   | ug/L    | # 63     |
| 18) trans-1,2-Dichloroethene  | 3.353  | 96             | 14499    | 1.144   | ug/L    | 88       |
| 22) cis-1,2-Dichloroethene    | 4.662  | 96             | 173774   | 12.764  | ug/L    | 91       |
| 34) Trichloroethene           | 6.539  | 95             | 1630871  | 120.674 | ug/L    | 94       |
| -----                         |        |                |          |         |         |          |

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

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