

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121823\  
 Data File : VU057004.D  
 Acq On : 18 Dec 2023 19:35  
 Operator : MD/SY  
 Sample : 05811-14  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F7B35

Quant Time: Dec 19 01:43:47 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 19 01:20:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114            | 243036   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 255129   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.808 | 152            | 107021   | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 89622    | 4.302  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 86.000% |          |
| 7) Chloroethane-d5            | 1.904  | 69             | 70791    | 4.541  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 90.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 40617    | 4.557  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 91.200% |          |
| 20) 2-Butanone-d5             | 4.618  | 46             | 180736   | 43.931 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 87.860% |          |
| 24) Chloroform-d              | 5.055  | 84             | 179689   | 4.555  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.000% |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 84618    | 4.533  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.600% |          |
| 32) Benzene-d6                | 5.721  | 84             | 346450   | 4.378  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.600% |          |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67             | 109141   | 4.406  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 88.200% |          |
| 41) Toluene-d8                | 7.895  | 98             | 286234   | 4.047  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 81.000% |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 37322    | 3.886  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 77.800% |          |
| 46) 2-Hexanone-d5             | 8.628  | 63             | 144341   | 39.843 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 79.680% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84             | 79586    | 4.441  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 88.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 98693    | 4.691  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 93.800% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 3) Chloromethane              | 1.515  | 50             | 6177     | 0.247  | ug/L    | 92       |
| 5) Vinyl chloride             | 1.599  | 62             | 22183    | 0.892  | ug/L #  | 61       |
| 8) Chloroethane               | 1.924  | 64             | 2608     | 0.179  | ug/L #  | 77       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.576  | 101            | 59001    | 2.745  | ug/L    | 99       |
| 12) 1,1-Dichloroethene        | 2.573  | 96             | 9692     | 0.491  | ug/L #  | 1        |
| 17) Methyl tert-butyl Ether   | 3.355  | 73             | 9671     | 0.221  | ug/L #  | 95       |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96             | 9442     | 0.472  | ug/L    | 92       |
| 19) 1,1-Dichloroethane        | 3.863  | 63             | 20123    | 0.523  | ug/L    | 95       |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96             | 269647   | 12.389 | ug/L    | 98       |
| 27) 1,2-Dichloroethane        | 5.792  | 62             | 17963    | 0.753  | ug/L #  | 92       |
| 34) Trichloroethene           | 6.534  | 95             | 277665   | 11.289 | ug/L    | 98       |
| 37) 1,2-Dichloropropane       | 6.785  | 63             | 7593     | 0.331  | ug/L #  | 92       |
| 47) Tetrachloroethene         | 8.550  | 164            | 11616    | 0.675  | ug/L    | 95       |
| 51) Chlorobenzene             | 9.444  | 112            | 60648    | 1.026  | ug/L    | 99       |
| 64) 1,3-Dichlorobenzene       | 11.746 | 146            | 9437     | 0.236  | ug/L    | 95       |
| 65) 1,4-Dichlorobenzene       | 11.830 | 146            | 20039    | 0.509  | ug/L    | 98       |
| 67) 1,2-Dichlorobenzene       | 12.209 | 146            | 24699    | 0.678  | ug/L    | 93       |

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| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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