

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122823\  
 Data File : VU057349.D  
 Acq On : 28 Dec 2023 21:35  
 Operator : MD/SY  
 Sample : 05998-07DL 200X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F7A73DL

Quant Time: Dec 29 00:06:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 28 21:37:03 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 228121   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 234805   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 88950    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 95073    | 4.848    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 97.000%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 86734    | 5.506    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 110.200% |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 38773    | 4.967    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 99.400%  |
| 20) 2-Butanone-d5             | 4.634  | 46    | 216448   | 48.730   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 97.460%  |
| 24) Chloroform-d              | 5.055  | 84    | 185009   | 5.305    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 106.200% |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 92425    | 5.186    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 103.800% |
| 32) Benzene-d6                | 5.721  | 84    | 334014   | 4.990    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 99.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 109760   | 5.233    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 104.600% |
| 41) Toluene-d8                | 7.894  | 98    | 259394   | 4.492    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 89.800%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 38626    | 4.590    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 91.800%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 158697   | 41.635   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 83.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 81239    | 4.612    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 92.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 87746    | 5.417    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 108.400% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 5) Vinyl chloride             | 1.602  | 62    | 47583    | 2.499    | ug/L  | 100      |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96    | 56247    | 3.289    | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

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

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