

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090523\  
 Data File : VU055104.D  
 Acq On : 05 Sep 2023 19:15  
 Operator : MD/SY  
 Sample : 04250-18  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4C4

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023  
 Supervised By :Mahesh Dadoda 09/07/2023

Quant Time: Sep 06 02:20:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 06 02:14:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114            | 174930   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.418  | 117            | 181716   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814 | 152            | 92070    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65             | 36530    | 4.456  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 89.200%  |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 43411    | 4.574  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 91.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 22595    | 4.837  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 96.800%  |          |
| 20) 2-Butanone-d5             | 4.628  | 46             | 131205   | 55.147 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 110.300% |          |
| 24) Chloroform-d              | 5.062  | 84             | 105635   | 4.856  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65             | 55993    | 5.144  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 102.800% |          |
| 32) Benzene-d6                | 5.724  | 84             | 207791   | 4.633  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67             | 70900    | 4.970  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 99.400%  |          |
| 41) Toluene-d8                | 7.897  | 98             | 181330   | 4.388  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 87.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.184  | 79             | 18172    | 4.625  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 92.600%  |          |
| 46) 2-Hexanone-d5             | 8.634  | 63             | 83146    | 52.128 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 104.260% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84             | 51922    | 5.175  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 103.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152            | 66676    | 4.961  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.200%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 9) Trichlorofluoromethane     | 2.136  | 101            | 3027     | 0.191  | ug/L     | 89       |
| 17) Methyl tert-butyl Ether   | 3.367  | 73             | 3286     | 0.155  | ug/L #   | 93       |
| 22) cis-1,2-Dichloroethene    | 4.669  | 96             | 4040m    | 0.402  | ug/L     |          |
| 34) Trichloroethene           | 6.541  | 95             | 16873    | 1.570  | ug/L     | 99       |

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

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