

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090723\  
 Data File : VU055219.D  
 Acq On : 08 Sep 2023 04:56  
 Operator : MD/SY  
 Sample : 04307-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4P7

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/08/2023  
 Supervised By : Mahesh Dadoda 09/14/2023

Quant Time: Sep 08 06:41:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 08 06:18:43 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 165698   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.418  | 117   | 171978   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 87602    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 34159    | 4.399    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 88.000%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 43196    | 4.805    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 19672    | 4.446    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 89.000%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 139340   | 61.829   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 123.660% |
| 24) Chloroform-d              | 5.058  | 84    | 105380   | 5.114    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.200% |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65    | 54892    | 5.324    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.400% |
| 32) Benzene-d6                | 5.724  | 84    | 203465   | 4.793    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 68489    | 5.073    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.400% |
| 41) Toluene-d8                | 7.898  | 98    | 173195   | 4.429    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.600%  |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79    | 16015    | 4.307    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.200%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 70825    | 46.918   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.840%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 51543    | 5.428    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 108.600% |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152   | 61895    | 4.841    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.515  | 50    | 3909     | 0.399    | ug/L   | 99       |
| 13) Acetone                   | 2.634  | 43    | 81879    | 54.209   | ug/L   | 94       |
| 15) Methyl Acetate            | 2.952  | 43    | 21647    | 7.002    | ug/L   | 99       |
| 16) Methylene chloride        | 3.039  | 84    | 5056     | 0.432    | ug/L   | 93       |
| 21) 2-Butanone                | 4.721  | 43    | 17814m   | 8.027    | ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 52733    | 5.543    | ug/L   | 98       |
| 34) Trichloroethene           | 6.541  | 95    | 26802    | 2.635    | ug/L   | 94       |
| 40) 4-Methyl-2-pentanone      | 7.795  | 43    | 10364    | 1.823    | ug/L # | 89       |
| 42) Toluene                   | 7.971  | 91    | 6614     | 0.169    | ug/L   | 83       |
| 70) 1,2,4-trichlorobenzene    | 13.843 | 180   | 7127     | 0.513    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

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

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