

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091223\  
 Data File : VU055243.D  
 Acq On : 12 Sep 2023 13:12  
 Operator : MD/SY  
 Sample : 04307-19DL 4X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4J2DL

Quant Time: Sep 13 01:45:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 13 01:44:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114            | 221067   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.418  | 117            | 230026   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152            | 107085   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 28292    | 2.731  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 54.600%  |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 43960    | 3.665  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 73.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 15378    | 2.605  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 52.000%# |          |
| 20) 2-Butanone-d5             | 4.624  | 46             | 112628   | 37.459 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 74.920%  |          |
| 24) Chloroform-d              | 5.062  | 84             | 96691    | 3.517  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 70.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65             | 52752    | 3.835  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 76.800%  |          |
| 32) Benzene-d6                | 5.727  | 84             | 193996   | 3.417  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 68.400%# |          |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67             | 67704    | 3.749  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 75.000%  |          |
| 41) Toluene-d8                | 7.898  | 98             | 162546   | 3.108  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 62.200%# |          |
| 43) trans-1,3-Dichloroprop... | 8.184  | 79             | 14918    | 3.000  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 60.000%  |          |
| 46) 2-Hexanone-d5             | 8.634  | 63             | 69932    | 34.636 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 69.280%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84             | 44772    | 3.525  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 70.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152            | 61006    | 3.903  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 78.000%# |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.576  | 96             | 4557     | 0.446  | ug/L #   | 1        |
| 16) Methylene chloride        | 3.042  | 84             | 5920     | 0.379  | ug/L     | 88       |
| 22) cis-1,2-Dichloroethene    | 4.666  | 96             | 50752    | 3.998  | ug/L     | 87       |
| 34) Trichloroethene           | 6.541  | 95             | 58584    | 4.306  | ug/L     | 97       |
| 47) Tetrachloroethene         | 8.553  | 164            | 4517     | 0.480  | ug/L     | 94       |
| -----                         |        |                |          |        |          |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091223\  
Data File : VU055243.D  
Acq On : 12 Sep 2023 13:12  
Operator : MD/SY  
Sample : 04307-19DL 4X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH4J2DL

Quant Time: Sep 13 01:45:55 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Sep 13 01:44:08 2023  
Response via : Initial Calibration

