

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091423\  
 Data File : VU055314.D  
 Acq On : 14 Sep 2023 18:29  
 Operator : MD/SY  
 Sample : 04380-01 40X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4F3

Quant Time: Sep 15 03:04:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 15 02:53:52 2023  
 Response via : Initial Calibration

| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min)  |
|-------------------------------|--------|--------|----------|----------|--------|----------|-----------|
| -----                         |        |        |          |          |        |          |           |
| Internal Standards            |        |        |          |          |        |          |           |
| 1) 1,4-Difluorobenzene        |        | 6.248  | 114      | 178654   | 5.000  | ug/L     | 0.00      |
| 28) Chlorobenzene-d5          |        | 9.415  | 117      | 185947   | 5.000  | ug/L     | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.811 | 152      | 89868    | 5.000  | ug/L     | 0.00      |
| System Monitoring Compounds   |        |        |          |          |        |          |           |
| 4) Vinyl Chloride-d3          |        | 1.596  | 65       | 47004    | 5.614  | ug/L     | 0.00      |
| Spiked Amount                 | 5.000  | Range  | 40 - 130 | Recovery | =      | 112.200% |           |
| 7) Chloroethane-d5            |        | 1.907  | 69       | 48750    | 5.030  | ug/L     | 0.00      |
| Spiked Amount                 | 5.000  | Range  | 65 - 130 | Recovery | =      | 100.600% |           |
| 11) 1,1-Dichloroethene-d2     |        | 2.560  | 65       | 17155    | 3.596  | ug/L     | 0.00      |
| Spiked Amount                 | 5.000  | Range  | 60 - 125 | Recovery | =      | 72.000%  |           |
| 20) 2-Butanone-d5             |        | 4.634  | 46       | 102336   | 42.116 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000 | Range  | 40 - 130 | Recovery | =      | 84.240%  |           |
| 24) Chloroform-d              |        | 5.058  | 84       | 85788    | 3.861  | ug/L     | 0.00      |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 77.200%  |           |
| 26) 1,2-Dichloroethane-d4     |        | 5.702  | 65       | 46768    | 4.207  | ug/L     | 0.00      |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 84.200%  |           |
| 32) Benzene-d6                |        | 5.724  | 84       | 170343   | 3.711  | ug/L     | 0.00      |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 74.200%  |           |
| 36) 1,2-Dichloropropane-d6    |        | 6.689  | 67       | 53162    | 3.642  | ug/L     | 0.00      |
| Spiked Amount                 | 5.000  | Range  | 60 - 140 | Recovery | =      | 72.800%  |           |
| 41) Toluene-d8                |        | 7.898  | 98       | 142955   | 3.381  | ug/L     | 0.00      |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 67.600%# |           |
| 43) trans-1,3-Dichloroprop... |        | 8.181  | 79       | 16836    | 4.188  | ug/L     | 0.00      |
| Spiked Amount                 | 5.000  | Range  | 55 - 130 | Recovery | =      | 83.800%  |           |
| 46) 2-Hexanone-d5             |        | 8.634  | 63       | 54429    | 33.348 | ug/L     | 0.00      |
| Spiked Amount                 | 50.000 | Range  | 45 - 130 | Recovery | =      | 66.700%  |           |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.756 | 84       | 38963    | 3.795  | ug/L     | 0.00      |
| Spiked Amount                 | 5.000  | Range  | 65 - 120 | Recovery | =      | 76.000%  |           |
| 66) 1,2-Dichlorobenzene-d4    |        | 12.193 | 152      | 48647    | 3.709  | ug/L     | 0.00      |
| Spiked Amount                 | 5.000  | Range  | 80 - 120 | Recovery | =      | 74.200%# |           |
| Target Compounds              |        |        |          |          |        |          |           |
| 16) Methylene chloride        |        | 3.042  | 84       | 6876     | 0.545  | ug/L     | Qvalue 96 |
| 22) cis-1,2-Dichloroethene    |        | 4.660  | 96       | 1872     | 0.182  | ug/L #   | 61        |
| 34) Trichloroethene           |        | 6.544  | 95       | 3440     | 0.313  | ug/L     | 91        |
| -----                         |        |        |          |          |        |          |           |

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

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