

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082923\  
 Data File : VU054979.D  
 Acq On : 30 Aug 2023 01:14  
 Operator : MD/SY  
 Sample : 04209-12  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH486

Quant Time: Aug 30 01:43:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR082823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Aug 30 01:18:16 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114            | 159874   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.418  | 117            | 156102   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152            | 77278    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 24380    | 4.832  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 96.600%  |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 31282    | 4.799  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 96.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 14267    | 5.003  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 100.000% |          |
| 20) 2-Butanone-d5             | 4.628  | 46             | 163588   | 60.060 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 120.120% |          |
| 24) Chloroform-d              | 5.062  | 84             | 92316    | 4.932  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.702  | 65             | 52075    | 5.228  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 104.600% |          |
| 32) Benzene-d6                | 5.727  | 84             | 166193   | 4.736  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67             | 60345    | 4.890  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 97.800%  |          |
| 41) Toluene-d8                | 7.898  | 98             | 145772   | 4.338  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 86.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.181  | 79             | 16507    | 4.064  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 81.200%  |          |
| 46) 2-Hexanone-d5             | 8.634  | 63             | 101092   | 52.442 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 104.880% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84             | 56589    | 5.347  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 107.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152            | 61738    | 5.004  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.000% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.518  | 50             | 5595     | 0.541  | ug/L     | 90       |
| 22) cis-1,2-Dichloroethene    | 4.666  | 96             | 9283     | 0.987  | ug/L     | 91       |
| 31) Carbon tetrachloride      | 5.518  | 117            | 4067     | 0.308  | ug/L     | 98       |
| 34) Trichloroethene           | 6.544  | 95             | 18385    | 1.801  | ug/L     | 94       |
| 47) Tetrachloroethene         | 8.553  | 164            | 8047     | 1.097  | ug/L     | 95       |
| -----                         |        |                |          |        |          |          |

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

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