

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW112022\  
 Data File : VW029231.D  
 Acq On : 20 Nov 2022 17:40  
 Operator : SY/MD  
 Sample : N5652-08  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH1L7

Quant Time: Nov 21 00:59:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Nov 21 00:54:18 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114            | 326385   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117            | 301309   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.243 | 152            | 138742   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 89595    | 4.503  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 90.000%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 74288    | 4.247  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 85.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63             | 115168   | 3.176  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 63.600%  |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 190606   | 57.225 | ug/L     | 0.02     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 114.440% |          |
| 24) Chloroform-d              | 4.342  | 84             | 174870   | 4.281  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 85.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65             | 80851    | 4.399  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 88.000%  |          |
| 32) Benzene-d6                | 5.043  | 84             | 359685   | 3.999  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 80.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 109366   | 4.355  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 87.000%  |          |
| 41) Toluene-d8                | 7.310  | 98             | 310650   | 3.837  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 76.800%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 31588    | 3.856  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 77.200%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 154007   | 44.049 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 88.100%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84             | 77587    | 4.456  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 89.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152            | 115682   | 4.660  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 93.200%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85             | 18466    | 0.679  | ug/L     | 97       |
| 3) Chloromethane              | 1.240  | 50             | 2603     | 0.115  | ug/L     | 96       |
| 9) Trichlorofluoromethane     | 1.754  | 101            | 4972     | 0.143  | ug/L     | 98       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73             | 49789    | 1.175  | ug/L     | 98       |
| 19) 1,1-Dichloroethane        | 3.188  | 63             | 6582     | 0.176  | ug/L     | 98       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96             | 2086     | 0.090  | ug/L     | 81       |
| 25) Chloroform                | 4.375  | 83             | 23385    | 0.595  | ug/L     | 95       |
| 34) Trichloroethene           | 5.915  | 95             | 24505    | 1.040  | ug/L     | 97       |
| 47) Tetrachloroethene         | 7.973  | 164            | 6652     | 0.352  | ug/L     | 88       |

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

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