

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV112224\  
 Data File : VV038263.D  
 Acq On : 22 Nov 2024 11:44  
 Operator : SY/MD  
 Sample : P4883-19DL 4X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3L8DL

Quant Time: Nov 22 23:59:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 22 23:57:44 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.526  | 114   | 232254   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.779  | 117   | 243222   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 104578   | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 73274    | 4.116    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 82.400%  |
| 7) Chloroethane-d5            | 1.510  | 69    | 36993    | 2.569    | ug/L  | -0.02    |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 51.400%# |
| 11) 1,1-Dichloroethene-d2     | 2.043  | 65    | 34284    | 4.475    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 89.600%  |
| 20) 2-Butanone-d5             | 3.799  | 46    | 133678   | 37.537   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 75.080%  |
| 24) Chloroform-d              | 4.239  | 84    | 148917   | 4.310    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 86.200%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 68100    | 4.393    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 87.800%  |
| 32) Benzene-d6                | 4.950  | 84    | 267903   | 4.262    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 85.200%  |
| 36) 1,2-Dichloropropane-d6    | 5.979  | 67    | 88786    | 4.590    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 91.800%  |
| 41) Toluene-d8                | 7.236  | 98    | 217658   | 3.742    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 74.800%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 29749    | 4.137    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 82.800%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 96454    | 34.503   | ug/L  | 0.01     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 69.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 67116    | 4.087    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 81.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.554 | 152   | 83124    | 4.665    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 93.400%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 16) Methylene chloride        | 2.436  | 84    | 4578     | 0.242    | ug/L  | 95       |
| 22) cis-1,2-Dichloroethene    | 3.805  | 96    | 19794    | 1.095    | ug/L  | 93       |
| 29) 1,1,1-Trichloroethane     | 4.506  | 97    | 5666     | 0.194    | ug/L  | 92       |
| 34) Trichloroethene           | 5.821  | 95    | 211321   | 11.347   | ug/L  | 100      |
| 47) Tetrachloroethene         | 7.898  | 164   | 34088    | 2.278    | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

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

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