

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091123\  
 Data File : VV032029.D  
 Acq On : 11 Sep 2023 16:22  
 Operator : SY/MD  
 Sample : 04307-18DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH4J1DL

Quant Time: Sep 12 06:01:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR082323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Sep 09 21:51:31 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114            | 120617   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 122361   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152            | 64449    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 18012    | 4.421  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 88.400%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 22684    | 4.861  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 97.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65             | 10515    | 4.386  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 87.800%  |          |
| 20) 2-Butanone-d5             | 3.815  | 46             | 103906   | 52.690 | ug/L     | 0.02     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 105.380% |          |
| 24) Chloroform-d              | 4.256  | 84             | 55841    | 4.050  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65             | 29412    | 4.140  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 82.800%  |          |
| 32) Benzene-d6                | 4.966  | 84             | 111819   | 4.016  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 80.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67             | 41344    | 4.211  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 84.200%  |          |
| 41) Toluene-d8                | 7.249  | 98             | 96360    | 3.730  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 74.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 11014    | 3.076  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 61.600%  |          |
| 46) 2-Hexanone-d5             | 8.034  | 63             | 76415    | 40.031 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 80.060%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84             | 28726    | 4.078  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 81.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567 | 152            | 36597    | 3.506  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 70.200%# |          |
| Target Compounds              |        |                |          |        |          |          |
| 12) 1,1-Dichloroethene        | 2.069  | 96             | 2828     | 0.521  | ug/L #   | 1        |
| 16) Methylene chloride        | 2.452  | 84             | 4296     | 0.486  | ug/L     | 95       |
| 22) cis-1,2-Dichloroethene    | 3.818  | 96             | 27650    | 3.900  | ug/L     | 96       |
| 34) Trichloroethene           | 5.841  | 95             | 31353    | 3.806  | ug/L     | 97       |
| 47) Tetrachloroethene         | 7.911  | 164            | 2246     | 0.427  | ug/L     | 93       |

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

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