

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW120823\  
 Data File : VW033196.D  
 Acq On : 08 Dec 2023 17:25  
 Operator : SY/MD  
 Sample : 05689-19  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0GD3

Quant Time: Dec 08 22:02:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 08 21:51:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535   | 114   | 273713   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786   | 117   | 270120   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 140879   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 66867    | 40.866   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 81.740%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 51412    | 45.095   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 90.180%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 27739    | 44.563   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 89.120%  |
| 21) 2-Butanone-d5             | 3.780   | 46    | 76111    | 93.652   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 93.650%  |
| 24) Chloroform-d              | 4.252   | 84    | 159091   | 45.815   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.640%  |
| 26) 1,2-Dichloroethane-d4     | 4.941   | 65    | 104409   | 48.362   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.720%  |
| 32) Benzene-d6                | 4.960   | 84    | 298542   | 47.256   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.520%  |
| 36) 1,2-Dichloropropane-d6    | 5.989   | 67    | 81079    | 47.732   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 95.460%  |
| 41) Toluene-d8                | 7.246   | 98    | 274351   | 45.524   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.040%  |
| 43) trans-1,3-Dichloroprop... | 7.555   | 79    | 46822    | 43.591   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.180%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 64586    | 94.646   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 94.650%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153  | 84    | 112706   | 46.676   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 93.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561  | 152   | 128938   | 51.440   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.880% |
| Target Compounds              |         |       |          |          |        |          |
| 12) 1,1-Dichloroethene        | 2.069   | 96    | 9237     | 6.731    | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 3.818   | 96    | 10124    | 5.296    | ug/L   | 91       |
| 30) 1,1,1-Trichloroethane     | 4.519   | 97    | 5695     | 1.706    | ug/L # | 90       |
| 34) Trichloroethene           | 5.831   | 95    | 149790   | 73.248   | ug/L   | 97       |

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

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