

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121523\  
 Data File : VW033396.D  
 Acq On : 15 Dec 2023 22:40  
 Operator : SY/MD  
 Sample : 05846-17  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YCHJ4

Quant Time: Dec 16 00:22:26 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM121523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 15 23:24:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535   | 114   | 219063   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786   | 117   | 226820   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188  | 152   | 96220    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 80620    | 47.789   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 95.580%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 72386    | 47.814   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 95.620%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 38619    | 45.987   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 91.980%  |
| 21) 2-Butanone-d5             | 3.780   | 46    | 86208    | 101.395  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 101.390% |
| 24) Chloroform-d              | 4.249   | 84    | 157485   | 47.193   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.380%  |
| 26) 1,2-Dichloroethane-d4     | 4.941   | 65    | 102977   | 50.234   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.460% |
| 32) Benzene-d6                | 4.960   | 84    | 292911   | 47.948   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.900%  |
| 36) 1,2-Dichloropropane-d6    | 5.989   | 67    | 91183    | 49.180   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.360%  |
| 41) Toluene-d8                | 7.243   | 98    | 248058   | 44.377   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.760%  |
| 43) trans-1,3-Dichloroprop... | 7.551   | 79    | 40342    | 44.397   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 88.800%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 54557    | 87.485   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 87.490%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153  | 84    | 124930   | 46.882   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 93.760%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561  | 152   | 99610    | 55.090   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 110.180% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.069   | 96    | 21611    | 13.999   | ug/L   | # 1      |
| 13) Acetone                   | 2.108   | 43    | 87956    | 89.122   | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 3.114   | 63    | 6519     | 2.331    | ug/L   | 98       |
| 22) 2-Butanone                | 3.870   | 43    | 33909    | 34.874   | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 4.513   | 97    | 6531     | 2.332    | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

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

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