

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121322\  
 Data File : VW029656.D  
 Acq On : 13 Dec 2022 17:11  
 Operator : SY/MD  
 Sample : N5981-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0ES9

Quant Time: Dec 13 22:53:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 13 22:49:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.609          | 114  | 489792     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.844          | 117  | 450740     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239         | 152  | 229111     | 50.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 128893     | 42.975  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 85.940% |       |          |
| 7) Chloroethane-d5            | 1.564          | 69   | 110012     | 48.102  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 96.200% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.105          | 63   | 178324     | 38.119  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 76.240% |       |          |
| 21) 2-Butanone-d5             | 3.870          | 46   | 180123     | 98.447  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 98.450% |       |          |
| 24) Chloroform-d              | 4.339          | 84   | 247323     | 43.820  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.640% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.024          | 65   | 148177     | 45.967  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.940% |       |          |
| 32) Benzene-d6                | 5.043          | 84   | 533805     | 44.820  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.640% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.063          | 67   | 166040     | 45.641  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 91.280% |       |          |
| 41) Toluene-d8                | 7.307          | 98   | 474703     | 42.301  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 84.600% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.612          | 79   | 67258      | 36.612  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 73.220% |       |          |
| 47) 2-Hexanone-d5             | 8.082          | 63   | 145341     | 93.557  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 93.560% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.204         | 84   | 234879     | 45.181  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 90.360% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.612         | 152  | 188933     | 43.319  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 86.640% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.114          | 96   | 9332       | 3.564   | ug/L  | # 1      |
| 13) Acetone                   | 2.162          | 43   | 3177       | 2.665   | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 3.912          | 96   | 6147       | 1.853   | ug/L  | 93       |
| 34) Trichloroethene           | 5.908          | 95   | 119249     | 37.456  | ug/L  | 99       |
| -----                         |                |      |            |         |       |          |

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

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