

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061523\  
 Data File : VW031556.D  
 Acq On : 16 Jun 2023 02:11  
 Operator : SY/MD  
 Sample : 03254-16  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXYX9

Quant Time: Jun 16 06:20:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM061423WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 16 05:51:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 176489   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.792   | 117   | 176011   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191  | 152   | 83522    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.281   | 65    | 43172    | 36.755   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 73.500%  |
| 7) Chloroethane-d5            | 1.539   | 69    | 43465    | 42.410   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 84.820%  |
| 11) 1,1-Dichloroethene-d2     | 2.066   | 65    | 23108    | 38.172   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.340%  |
| 21) 2-Butanone-d5             | 3.799   | 46    | 91876    | 96.600   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 96.600%  |
| 24) Chloroform-d              | 4.259   | 84    | 124781   | 42.418   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.840%  |
| 26) 1,2-Dichloroethane-d4     | 4.950   | 65    | 85871    | 46.656   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.320%  |
| 32) Benzene-d6                | 4.969   | 84    | 217121   | 43.825   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.640%  |
| 36) 1,2-Dichloropropane-d6    | 5.995   | 67    | 79153    | 45.077   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 90.160%  |
| 41) Toluene-d8                | 7.249   | 98    | 180566   | 39.717   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 79.440%# |
| 43) trans-1,3-Dichloroprop... | 7.558   | 79    | 34586    | 40.403   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 80.800%  |
| 47) 2-Hexanone-d5             | 8.030   | 63    | 69159    | 99.751   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 99.750%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 121709   | 45.920   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 91.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.567  | 152   | 78382    | 49.233   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.460%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.076   | 96    | 10523    | 8.058    | ug/L   | # 1      |
| 17) trans-1,2-Dichloroethene  | 2.706   | 96    | 1052     | 0.772    | ug/L   | 92       |
| 19) 1,1-Dichloroethane        | 3.121   | 63    | 26309    | 8.942    | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 3.828   | 96    | 7582     | 5.147    | ug/L   | 93       |
| 30) 1,1,1-Trichloroethane     | 4.522   | 97    | 458327   | 162.413  | ug/L   | 99       |
| 34) Trichloroethene           | 5.847   | 95    | 2130     | 1.360    | ug/L   | 85       |
| 46) Tetrachloroethene         | 7.911   | 164   | 6342     | 5.160    | ug/L   | 95       |
| -----                         |         |       |          |          |        |          |

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

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