

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW032221\  
 Data File : VW018415.D  
 Acq On : 22 Mar 2021 11:55  
 Operator : SY/VA  
 Sample : M1698-01RE  
 Misc : 5.82G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG4H1RE

Quant Time: Mar 23 01:16:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 23 01:15:18 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 442108   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 346374   | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 116530   | 25.00    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 160619   | 26.11    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 104.44%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 143069   | 26.57    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 106.28%  |
| 10) 1,1-Dichloroethene-d2     | 4.019  | 63    | 199248   | 18.76    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 75.04%   |
| 20) 2-Butanone-d5             | 7.074  | 46    | 56185    | 41.02    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 82.04%   |
| 24) Chloroform-d              | 7.647  | 84    | 271682   | 24.13    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 96.52%   |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 151753   | 23.09    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 92.36%   |
| 29) Benzene-d6                | 8.275  | 84    | 544172   | 29.55    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 118.20%  |
| 33) 1,2-Dichloropropane-d6    | 9.275  | 67    | 156691   | 29.50    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 118.00%  |
| 37) Toluene-d8                | 10.323 | 98    | 513697   | 28.97    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 115.88%  |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 65596    | 23.95    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 95.80%   |
| 39) 2-Hexanone-d5             | 10.921 | 63    | 48770    | 46.92    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.84%   |
| 48) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 111867   | 23.54    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 94.16%   |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 135538   | 32.72    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 130.88%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.123  | 43    | 7649     | 7.77     | ug/L   | 96       |
| 16) Methylene chloride        | 4.916  | 84    | 18695    | 2.58     | ug/L   | 92       |
| 47) Tetrachloroethene         | 10.860 | 164   | 1370     | 0.33     | ug/L   | 77       |
| -----                         |        |       |          |          |        |          |

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

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