

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040821\  
 Data File : VW018596.D  
 Acq On : 08 Apr 2021 12:10  
 Operator : SY/VA  
 Sample : VW0408SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK22

Quant Time: Apr 09 03:12:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 09 03:11:49 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.847  | 114   | 469946   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.627 | 117   | 443477   | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 211172   | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 124127   | 18.98    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.92%   |
| 7) Chloroethane-d5            | 2.891  | 69    | 107634   | 18.80    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.20%   |
| 10) 1,1-Dichloroethene-d2     | 4.025  | 63    | 146764   | 13.00    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 52.00%   |
| 20) 2-Butanone-d5             | 7.079  | 46    | 65262    | 44.82    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 89.64%   |
| 24) Chloroform-d              | 7.646  | 84    | 243463   | 20.34    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 81.36%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 151573   | 21.69    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 86.76%   |
| 29) Benzene-d6                | 8.274  | 84    | 460279   | 19.52    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 78.08%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 141305   | 20.78    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 83.12%   |
| 37) Toluene-d8                | 10.323 | 98    | 446670   | 19.68    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 78.72%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 60847    | 17.35    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 69.40%   |
| 39) 2-Hexanone-d5             | 10.926 | 63    | 52094    | 39.14    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 78.28%   |
| 48) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 128266   | 21.08    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 84.32%   |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 156418   | 20.83    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.32%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.141  | 43    | 2357     | 2.25     | ug/L   | 60       |
| 16) Methylene chloride        | 4.921  | 84    | 7693     | 1.00     | ug/L   | 92       |
| 44) Toluene                   | 10.384 | 91    | 8013     | 0.27     | ug/L   | 92       |
| -----                         |        |       |          |          |        |          |

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

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