

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW032521\  
 Data File : VW018455.D  
 Acq On : 25 Mar 2021 14:24  
 Operator : SY/VA  
 Sample : M1784-03  
 Misc : 5.10G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Mar 26 01:31:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 26 01:29:58 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-------------------------------|--------|-------|----------|----------|-------|--------------|
| -----                         |        |       |          |          |       |              |
| Internal Standards            |        |       |          |          |       |              |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 528932   | 25.00    | ug/L  | 0.00         |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 492297   | 25.00    | ug/L  | 0.00         |
| 60) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 231175   | 25.00    | ug/L  | 0.00         |
| System Monitoring Compounds   |        |       |          |          |       |              |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 167680   | 22.78    | ug/L  | 0.00         |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 91.12%       |
| 7) Chloroethane-d5            | 2.897  | 69    | 145463   | 22.58    | ug/L  | 0.00         |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 90.32%       |
| 10) 1,1-Dichloroethene-d2     | 4.019  | 63    | 213543   | 16.80    | ug/L  | 0.00         |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 67.20%       |
| 20) 2-Butanone-d5             | 7.080  | 46    | 91932    | 56.10    | ug/L  | 0.00         |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 112.20%      |
| 24) Chloroform-d              | 7.653  | 84    | 338783   | 25.15    | ug/L  | 0.00         |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 100.60%      |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 207394   | 26.37    | ug/L  | 0.00         |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 105.48%      |
| 29) Benzene-d6                | 8.275  | 84    | 666579   | 25.47    | ug/L  | 0.00         |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 101.88%      |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 194198   | 25.72    | ug/L  | 0.00         |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 102.88%      |
| 37) Toluene-d8                | 10.323 | 98    | 636112   | 25.24    | ug/L  | 0.00         |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 100.96%      |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 92850    | 23.85    | ug/L  | 0.00         |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 95.40%       |
| 39) 2-Hexanone-d5             | 10.926 | 63    | 77127    | 52.21    | ug/L  | 0.00         |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 104.42%      |
| 48) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 174337   | 25.82    | ug/L  | 0.00         |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 103.28%      |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 224207   | 27.28    | ug/L  | 0.00         |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 109.12%      |
| Target Compounds              |        |       |          |          |       |              |
| 16) Methylene chloride        | 4.928  | 84    | 16161    | 1.86     | ug/L  | Qvalue<br>89 |
| -----                         |        |       |          |          |       |              |

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

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