

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW032421\  
 Data File : VW018443.D  
 Acq On : 24 Mar 2021 15:29  
 Operator : SY/VA  
 Sample : M1781-19  
 Misc : 6.04G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG4S4

Manual Integrations  
 APPROVED

MMDadoda  
 3/26/2021 9:31:41 AM

Quant Time: Mar 25 01:25:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 25 01:23:35 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 481162     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 420832     | 25.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 192746     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 166441     | 24.86   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 99.44%  |        |          |
| 7) Chloroethane-d5            | 2.892          | 69   | 157178     | 26.82   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 107.28% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.026          | 63   | 198553     | 17.17   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 68.68%  |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 67660      | 45.39   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 90.78%  |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 283471     | 23.13   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 92.52%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 163535     | 22.86   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 91.44%  |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 548113     | 24.50   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 98.00%  |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.275          | 67   | 156510     | 24.25   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 97.00%  |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 511342     | 23.74   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 94.96%  |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 68816      | 20.68   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 82.72%  |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 55398      | 43.87   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 87.74%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.689         | 84   | 131902     | 22.85   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 91.40%  |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 165216     | 24.11   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 96.44%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.129          | 43   | 7060       | 6.59    | ug/L   | 100      |
| 14) Carbon disulfide          | 4.385          | 76   | 18660      | 1.03    | ug/L   | 98       |
| 16) Methylene chloride        | 4.922          | 84   | 10003m     | 1.27    | ug/L   |          |
| -----                         |                |      |            |         |        |          |

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

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