

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW032621\  
 Data File : VW018465.D  
 Acq On : 26 Mar 2021 12:29  
 Operator : SY/VA  
 Sample : M1784-18  
 Misc : 5.34G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG4X9

Manual Integrations  
 APPROVED

MMDadoda  
 3/29/2021 4:47:44 PM

Quant Time: Mar 27 01:32:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 27 01:30:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.848          | 114  | 528670     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 469770     | 25.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 220328     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 136605     | 18.57  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 74.28% |        |          |
| 7) Chloroethane-d5            | 2.898          | 69   | 129084     | 20.04  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 80.16% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 185268     | 14.59  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 58.36% |        |          |
| 20) 2-Butanone-d5             | 7.086          | 46   | 81858      | 49.98  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 99.96% |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 283554     | 21.06  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 84.24% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 176457     | 22.45  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 89.80% |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 529898     | 21.22  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 84.88% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.275          | 67   | 162897     | 22.61  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 90.44% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 518626     | 21.57  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 86.28% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 76053      | 20.47  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 81.88% |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 69355      | 49.20  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 98.40% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 151242     | 23.47  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 93.88% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 188919     | 24.12  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 96.48% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 13) Acetone                   | 4.147          | 43   | 1926       | 1.64   | ug/L   | 67       |
| 16) Methylene chloride        | 4.928          | 84   | 12300m     | 1.42   | ug/L   |          |
| -----                         |                |      |            |        |        |          |

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

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