

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040621\  
 Data File : VW018559.D  
 Acq On : 06 Apr 2021 10:47  
 Operator : SY/VA  
 Sample : VW0406SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK20

Manual Integrations  
 APPROVED

MMDadoda  
 4/7/2021 5:17:14 PM

Quant Time: Apr 07 01:13:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 07 01:12:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 485170     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 444943     | 25.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 214110     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 162559     | 24.08   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 96.32%  |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 130461     | 22.07   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 88.28%  |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 189120     | 16.22   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 64.88%  |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 79035      | 52.58   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 105.16% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 292940     | 23.71   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 94.84%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 180184     | 24.98   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 99.92%  |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 565149     | 23.89   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 95.56%  |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 165099     | 24.20   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 96.80%  |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 528971     | 23.23   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 92.92%  |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 73909      | 21.00   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 84.00%  |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 62894      | 47.10   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 94.20%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 148668     | 24.36   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 97.44%  |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 176237     | 23.15   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 92.60%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.129          | 43   | 2850m      | 2.64    | ug/L   |          |
| 16) Methylene chloride        | 4.915          | 84   | 11646m     | 1.46    | ug/L   |          |
| 44) Toluene                   | 10.384         | 91   | 9452       | 0.32    | ug/L   | 81       |
| -----                         |                |      |            |         |        |          |

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

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