

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040121\  
 Data File : VW018536.D  
 Acq On : 01 Apr 2021 15:21  
 Operator : SY/VA  
 Sample : M1896-03  
 Misc : 5.78G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG579

Manual Integrations  
 APPROVED

MMDadoda  
 4/16/2021 3:54:53 PM

Quant Time: Apr 02 03:31:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 02 03:28:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 459805     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 414638     | 25.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 195296     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 149745     | 23.40  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 93.60% |        |          |
| 7) Chloroethane-d5            | 2.892          | 69   | 115420     | 20.61  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 82.44% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 154838     | 14.02  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 56.08% |        |          |
| 20) 2-Butanone-d5             | 7.080          | 46   | 52795      | 37.06  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 74.12% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 222827     | 19.03  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 76.12% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 139527     | 20.41  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 81.64% |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 443035     | 20.10  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 80.40% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.275          | 67   | 129236     | 20.33  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 81.32% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 429769     | 20.25  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 81.00% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 55895      | 17.05  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 68.20% |        |          |
| 39) 2-Hexanone-d5             | 10.921         | 63   | 40202      | 32.31  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 64.62% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.689         | 84   | 105803     | 18.60  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 74.40% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.847         | 152  | 140772     | 20.27  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 81.08% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 13) Acetone                   | 4.123          | 43   | 6710       | 6.56   | ug/L   | 60       |
| 14) Carbon disulfide          | 4.391          | 76   | 5608       | 0.32   | ug/L   | 99       |
| 16) Methylene chloride        | 4.934          | 84   | 11656m     | 1.55   | ug/L   |          |
| 44) Toluene                   | 10.384         | 91   | 6946       | 0.25   | ug/L   | 88       |
| -----                         |                |      |            |        |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040121\  
Data File : VW018536.D  
Acq On : 01 Apr 2021 15:21  
Operator : SY/VA  
Sample : M1896-03  
Misc : 5.78G/10ML/MSVOA\_W/SOIL  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BG579

Manual Integrations  
APPROVED

MMDadoda  
4/16/2021 3:54:53 PM

Quant Time: Apr 02 03:31:59 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 02 03:28:33 2021  
Response via : Initial Calibration

