

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011221\  
 Data File : VW017830.D  
 Acq On : 12 Jan 2021 13:07  
 Operator : SY/VA  
 Sample : M1074-14  
 Misc : 4.13G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFT52

Manual Integrations  
 APPROVED

MMDadoda  
 1/13/2021 4:36:16 PM

Quant Time: Jan 13 03:37:18 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 08 21:58:14 2021  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 326284   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 296675   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 139252   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 132926   | 26.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 105.32% |
| 7) Chloroethane-d5             | 2.89   | 69    | 109472   | 26.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 105.08% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 175516   | 19.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 79.80%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 43813    | 53.55    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 107.10% |
| 24) Chloroform-d               | 7.65   | 84    | 215104   | 25.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 100.92% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 123347m  | 27.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 111.80% |
| 29) Benzene-d6                 | 8.27   | 84    | 432402   | 25.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 103.48% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 121593   | 26.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 105.60% |
| 37) Toluene-d8                 | 10.32  | 98    | 409024   | 25.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 101.92% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 51308    | 24.99    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 99.96%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 31494    | 54.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 108.88% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 86252    | 25.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 100.88% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 117518   | 24.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.92%  |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 18567 | 3.979 ug/L | 99     |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011221\  
Data File : VW017830.D  
Acq On : 12 Jan 2021 13:07  
Operator : SY/VA  
Sample : M1074-14  
Misc : 4.13G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFT52

Manual Integrations  
APPROVED

MMDadoda  
1/13/2021 4:36:16 PM

Quant Time: Jan 13 03:37:18 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122420S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jan 08 21:58:14 2021  
Response via : Initial Calibration

