

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\  
 Data File : VW017379.D  
 Acq On : 19 Nov 2020 18:07  
 Operator : SY/VA  
 Sample : L4751-18  
 Misc : 5.19G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AX1

Manual Integrations  
 APPROVED

MMDadoda  
 11/23/2020 1:44:01 PM

Quant Time: Nov 20 04:21:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 20 01:18:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 375569   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 324784   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 135177   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 103247   | 18.57    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.28% |
| 7) Chloroethane-d5             | 2.89   | 69    | 84695    | 19.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 76.72% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 129326   | 13.30    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 53.20% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 23362    | 25.58    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 51.16% |
| 24) Chloroform-d               | 7.65   | 84    | 179559   | 18.20    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 72.80% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 88913    | 18.65    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 74.60% |
| 29) Benzene-d6                 | 8.28   | 84    | 349760   | 19.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 76.40% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 97768    | 20.04    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 80.16% |
| 37) Toluene-d8                 | 10.32  | 98    | 313289   | 18.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 72.72% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 31161    | 14.67    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 58.68% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 17540    | 26.82    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 53.64% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 66038    | 17.87    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 71.48% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 94692    | 18.98    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 75.92% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.14 | 43 | 1443m | 2.166 ug/L |        |
| 16) Methylene chloride | 4.92 | 84 | 14219 | 2.213 ug/L | 96     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111920\  
Data File : VW017379.D  
Acq On : 19 Nov 2020 18:07  
Operator : SY/VA  
Sample : L4751-18  
Misc : 5.19G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AX1

Manual Integrations  
APPROVED

MMDadoda  
11/23/2020 1:44:01 PM

Quant Time: Nov 20 04:21:16 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 20 01:18:11 2020  
Response via : Initial Calibration

