

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\  
 Data File : VW017549.D  
 Acq On : 04 Dec 2020 12:33  
 Operator : SY/VA  
 Sample : L4920-16  
 Misc : 4.60G/10ML/MSVOA W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 20 02:27:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM112420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sun Dec 20 01:44:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 371147   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 298928   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 105352   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 88636    | 18.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 72.60%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 80111    | 19.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.80%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 155888   | 14.34    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 57.36%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 52748    | 51.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 102.46% |
| 24) Chloroform-d               | 7.65   | 84    | 239685   | 22.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 90.92%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 128007   | 24.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 98.96%  |
| 29) Benzene-d6                 | 8.27   | 84    | 448335   | 24.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 97.56%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 134099   | 26.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 105.44% |
| 37) Toluene-d8                 | 10.32  | 98    | 380911   | 22.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 91.00%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 52346    | 23.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.12%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 33654    | 53.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 106.92% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 96753    | 26.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 105.76% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 87837    | 22.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 90.08%  |

## Target Compounds

|                             |       |     |       |        | Ovalue    |
|-----------------------------|-------|-----|-------|--------|-----------|
| 13) Acetone                 | 4.13  | 43  | 12066 | 12.179 | ug/L 89   |
| 14) Carbon disulfide        | 4.39  | 76  | 13358 | 0.907  | ug/L # 95 |
| 16) Methylene chloride      | 4.92  | 84  | 25720 | 4.616  | ug/L 95   |
| 17) Methyl tert-butyl Ether | 5.42  | 73  | 6258m | 1.131  | ug/L      |
| 47) Tetrachloroethene       | 10.87 | 164 | 5697  | 1.342  | ug/L 90   |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120420\  
Data File : VW017549.D  
Acq On : 04 Dec 2020 12:33  
Operator : SY/VA  
Sample : L4920-16  
Misc : 4.60G/10ML/MSVOA W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Dec 20 02:27:18 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM112420S.M  
Quant Title : VOC Analysis  
QLast Update : Sun Dec 20 01:44:20 2020  
Response via : Initial Calibration

