

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\  
 Data File : VW016931.D  
 Acq On : 16 Oct 2020 16:27  
 Operator : SY/VA  
 Sample : L4426-13  
 Misc : 5.46G/10ML/MSVOA W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 17 02:03:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100720S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 17 00:37:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 32696    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 27098    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 6874     | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 8275     | 25.66    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 102.64%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 7511     | 27.76    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 111.04%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 12153    | 17.74    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 70.96%   |
| 20) 2-Butanone-d5              | 7.10   | 46    | 3473m    | 47.54    | ug/L | 0.02     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 95.08%   |
| 24) Chloroform-d               | 7.65   | 84    | 18069    | 26.19    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 104.76%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 9176     | 27.54    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 110.16%  |
| 29) Benzene-d6                 | 8.28   | 84    | 36109    | 29.34    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 117.36%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 10194    | 30.82    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 123.28%# |
| 37) Toluene-d8                 | 10.33  | 98    | 31091    | 26.77    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 107.08%  |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 3210     | 22.01    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 88.04%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 2379m    | 46.51    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 93.02%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 7139     | 26.72    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 106.88%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 7034     | 32.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 129.04%# |

## Target Compounds

| Target Compounds       | R.T.  | QIon | Response | Conc    | Units | Ovalue |
|------------------------|-------|------|----------|---------|-------|--------|
| 16) Methylene chloride | 4.92  | 84   | 934m     | 2.070   | ug/L  |        |
| 34) Benzene            | 8.32  | 78   | 1497m    | 1.029   | ug/L  |        |
| 35) Trichloroethene    | 9.09  | 95   | 20176    | 49.016  | ug/L  | 98     |
| 47) Tetrachloroethene  | 10.87 | 164  | 366675   | 960.849 | ug/L  | 98     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\  
Data File : VW016931.D  
Acq On : 16 Oct 2020 16:27  
Operator : SY/VA  
Sample : L4426-13  
Misc : 5.46G/10ML/MSVOA W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Oct 17 02:03:59 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100720S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Oct 17 00:37:07 2020  
Response via : Initial Calibration

