

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW120718\  
 Data File : VW007319.D  
 Acq On : 07 Dec 2018 20:59  
 Operator : SY/AP  
 Sample : J6236-07  
 Misc : 6.16G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F9E17

Quant Time: Dec 08 03:36:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120718S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 08 02:02:23 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 80060    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 61898    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 24509    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 16487    | 31.62    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 126.48%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 12666    | 28.68    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 114.72%  |
| 10) 1,1-Dichloroethene-d2      | 4.00   | 63    | 38746    | 21.54    | ug/L | -0.01    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 86.16%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 21396    | 65.09    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 130.18%  |
| 24) Chloroform-d               | 7.65   | 84    | 51474    | 27.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 109.04%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 33288    | 30.97    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 123.88%  |
| 29) Benzene-d6                 | 8.27   | 84    | 101737   | 30.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 121.04%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 29227    | 30.46    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 121.84%# |
| 37) Toluene-d8                 | 10.32  | 98    | 91141    | 28.91    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 115.64%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 13457    | 27.44    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 109.76%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 15506    | 67.14    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 134.28%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 28710    | 32.84    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 131.36%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 23235    | 26.95    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 107.80%  |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW120718\  
Data File : VW007319.D  
Acq On : 07 Dec 2018 20:59  
Operator : SY/AP  
Sample : J6236-07  
Misc : 6.16G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F9E17

Quant Time: Dec 08 03:36:44 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120718S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Dec 08 02:02:23 2018  
Response via : Initial Calibration

