

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111819\  
 Data File : VW014068.D  
 Acq On : 18 Nov 2019 17:59  
 Operator : SY/VA  
 Sample : K5810-11RE  
 Misc : 5.80G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFLR8RE

Quant Time: Nov 19 08:17:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 19 07:22:02 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 42300    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 40013    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 10564    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 13476    | 19.97    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.88%   |
| 7) Chloroethane-d5             | 2.88   | 69    | 13793    | 25.21    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 100.84%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 21318    | 15.39    | ug/L | -0.02    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 61.56%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 14324    | 73.06    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 146.12%# |
| 24) Chloroform-d               | 7.65   | 84    | 39717    | 30.54    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 122.16%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 25716    | 39.33    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 157.32%# |
| 29) Benzene-d6                 | 8.27   | 84    | 72016    | 25.37    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 101.48%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 26429    | 31.78    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 127.12%# |
| 37) Toluene-d8                 | 10.32  | 98    | 56362    | 20.93    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 83.72%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 9185     | 25.79    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 103.16%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 8629     | 54.72    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 109.44%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 23485    | 37.40    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 149.60%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 12182    | 28.70    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 114.80%  |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111819\  
Data File : VW014068.D  
Acq On : 18 Nov 2019 17:59  
Operator : SY/VA  
Sample : K5810-11RE  
Misc : 5.80G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFLR8RE

Quant Time: Nov 19 08:17:06 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Nov 19 07:22:02 2019  
Response via : Initial Calibration

