

Data File : VW014764.D  
Acq On : 27 Jan 2020 13:19  
Operator : SY/VA  
Sample : VIBLK21  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Jan 28 07:13:07 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM012720S.M  
Quant Title : VOC Analysis  
QLast Update : Mon Jan 27 15:38:15 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 939581   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 837376   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 352434   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 351779   | 23.64    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 94.56%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 314645   | 24.88    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 99.52%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 559227   | 20.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 83.08%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 211353   | 50.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 100.04% |
| 24) Chloroform-d               | 7.65   | 84    | 608256   | 23.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.80%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 338762m  | 24.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 97.00%  |
| 29) Benzene-d6                 | 8.27   | 84    | 1290860  | 24.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 97.96%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 400756   | 24.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 97.84%  |
| 37) Toluene-d8                 | 10.32  | 98    | 1128390  | 24.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 96.12%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 151429   | 23.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.80%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 161017   | 52.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 104.76% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 315920   | 24.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 98.28%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 353438   | 25.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 102.36% |

| Target Compounds           |       |     |       |            | Qvalue |
|----------------------------|-------|-----|-------|------------|--------|
| 13) Acetone                | 4.12  | 43  | 17467 | 3.859 ug/L | 88     |
| 68) 1,2,4-trichlorobenzene | 15.13 | 180 | 4687  | 0.375 ug/L | 97     |

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

Data File : VW014764.D  
Acq On : 27 Jan 2020 13:19  
Operator : SY/VA  
Sample : VIBLK21  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Jan 28 07:13:07 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM012720S.M  
Quant Title : VOC Analysis  
QLast Update : Mon Jan 27 15:38:15 2020  
Response via : Initial Calibration

