

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\  
 Data File : VW015629.D  
 Acq On : 18 Jun 2020 12:17  
 Operator : SY/VA  
 Sample : VIBLK18  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK18

Quant Time: Jun 19 07:56:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 19 07:30:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 210639   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 185182   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 80346    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 36502    | 18.91    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 75.64%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 42367    | 22.07    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 88.28%   |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 65145    | 13.85    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 55.40%   |
| 20) 2-Butanone-d5              | 7.09   | 46    | 58743    | 93.21    | ug/L | 0.01     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 186.42%# |
| 24) Chloroform-d               | 7.65   | 84    | 99154    | 20.35    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 81.40%   |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 59380    | 21.91    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 87.64%   |
| 29) Benzene-d6                 | 8.28   | 84    | 191869   | 21.13    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 84.52%   |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 57192    | 20.72    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 82.88%   |
| 37) Toluene-d8                 | 10.32  | 98    | 175318   | 19.86    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 79.44%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 21311    | 16.69    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 66.76%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 40074    | 83.87    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 167.74%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 59400    | 28.58    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 114.32%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 58292    | 21.65    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 86.60%   |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 13) Acetone            | 4.15 | 43 | 2617 | 5.371 ug/L | 98     |
| 16) Methylene chloride | 4.92 | 84 | 9926 | 3.840 ug/L | 92     |

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

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