

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\  
 Data File : VW010828.D  
 Acq On : 17 Jun 2019 15:31  
 Operator : SY/VA  
 Sample : VIBLK42  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK42

Quant Time: Jun 18 07:48:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM061119S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 18 05:48:46 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 403329   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 359156   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 166907   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 113992   | 19.41    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.64% |
| 7) Chloroethane-d5             | 2.88   | 69    | 91016    | 20.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.72% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 192065   | 15.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.08% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 100161   | 43.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 86.92% |
| 24) Chloroform-d               | 7.65   | 84    | 139238   | 16.79    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 67.16% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 142671   | 21.13    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 84.52% |
| 29) Benzene-d6                 | 8.27   | 84    | 471693   | 22.00    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 88.00% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 151091   | 21.96    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 87.84% |
| 37) Toluene-d8                 | 10.32  | 98    | 424602   | 22.04    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 88.16% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 66192    | 21.49    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 85.96% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 69332    | 42.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.36% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 122636   | 21.05    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 84.20% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 139013   | 21.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 87.52% |

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

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

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