

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\  
 Data File : VW010835.D  
 Acq On : 17 Jun 2019 19:05  
 Operator : SY/VA  
 Sample : VIBLK45  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK45

Quant Time: Jun 18 08:11:19 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  | 330880   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 304738   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 142287   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 68869    | 14.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 57.16%  |
| 7) Chloroethane-d5             | 2.88   | 69    | 63208    | 17.30    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 69.20%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 121945   | 12.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 48.84%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 112082   | 59.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 118.56% |
| 24) Chloroform-d               | 7.65   | 84    | 127560   | 18.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 75.00%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 115548   | 20.86    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 83.44%  |
| 29) Benzene-d6                 | 8.27   | 84    | 336919   | 18.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 74.08%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 119572   | 20.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 81.92%  |
| 37) Toluene-d8                 | 10.32  | 98    | 288159   | 17.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 70.52%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 47178    | 18.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 72.20%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 74353    | 53.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 106.62% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 116414   | 23.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 94.20%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 108539   | 20.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 80.16%  |

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

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

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