

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\  
 Data File : VW011302.D  
 Acq On : 17 Jul 2019 12:13  
 Operator : SY/VA  
 Sample : K3760-19  
 Misc : 5.08G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Jul 18 05:42:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 18 04:56:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 344080   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 312510   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 146569   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 104294   | 19.85    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.40% |
| 7) Chloroethane-d5             | 2.89   | 69    | 75405    | 20.46    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.84% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 176641   | 15.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.52% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 98534    | 47.61    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 95.22% |
| 24) Chloroform-d               | 7.65   | 84    | 205326   | 21.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 87.08% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 129908   | 22.37    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 89.48% |
| 29) Benzene-d6                 | 8.27   | 84    | 425243   | 22.09    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 88.36% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 143799   | 22.94    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 91.76% |
| 37) Toluene-d8                 | 10.32  | 98    | 373978   | 21.80    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 87.20% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 55329    | 20.76    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 83.04% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 64906    | 45.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.30% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 117884   | 22.73    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 90.92% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 128127   | 22.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 91.08% |

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

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

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