

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101019\  
 Data File : VW013524.D  
 Acq On : 10 Oct 2019 17:50  
 Operator : SY/VA  
 Sample : VW1010SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK03

Quant Time: Oct 11 09:13:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 11 07:46:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 464605   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 415968   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 200002   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 113997   | 21.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.76% |
| 7) Chloroethane-d5             | 2.89   | 69    | 82865    | 20.30    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.20% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 172884   | 15.66    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 62.64% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 74073    | 46.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 92.50% |
| 24) Chloroform-d               | 7.65   | 84    | 208044   | 20.61    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 82.44% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 113370   | 21.68    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 86.72% |
| 29) Benzene-d6                 | 8.27   | 84    | 475912   | 21.36    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 85.44% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 139095   | 21.04    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 84.16% |
| 37) Toluene-d8                 | 10.32  | 98    | 439189   | 20.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 83.08% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 59449    | 20.19    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 80.76% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 57399    | 43.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 86.82% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 113850   | 21.48    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 85.92% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 157260   | 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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