

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120318\  
 Data File : VW007157.D  
 Acq On : 03 Dec 2018 10:30  
 Operator : SY/AP  
 Sample : VW1203SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK82

Quant Time: Dec 04 03:22:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM113018S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 04 03:14:20 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 141114   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 139341   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 69915    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 25046    | 20.86    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 83.44% |
| 7) Chloroethane-d5             | 2.89   | 69    | 18358    | 21.32    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.28% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 48278    | 15.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 61.76% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 24300    | 49.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 99.96% |
| 24) Chloroform-d               | 7.65   | 84    | 62052    | 20.99    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 83.96% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 38859    | 22.71    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 90.84% |
| 29) Benzene-d6                 | 8.27   | 84    | 130810   | 19.76    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 79.04% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 38763    | 20.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 81.76% |
| 37) Toluene-d8                 | 10.33  | 98    | 136092   | 19.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 77.72% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 19005    | 20.49    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 81.96% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 20809    | 46.81    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 93.62% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 38152    | 22.08    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 88.32% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 55005    | 20.96    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 83.84% |

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

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

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