

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW082418\  
 Data File : VW004940.D  
 Acq On : 24 Aug 2018 17:26  
 Operator : SY/AP  
 Sample : VW0824SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK06

Quant Time: Aug 25 01:34:38 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM082218S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 25 01:34:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 596149   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.64 | 117  | 625140   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 301527   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 262176   | 23.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.08%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 205300   | 24.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 98.28%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 258332   | 17.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 71.80%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 115723   | 50.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 100.92% |
| 24) Chloroform-d               | 7.65   | 84    | 328189   | 24.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 99.20%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 186667   | 25.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 103.84% |
| 29) Benzene-d6                 | 8.28   | 84    | 788816   | 24.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.12%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 219963   | 23.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.12%  |
| 37) Toluene-d8                 | 10.33  | 98    | 832379   | 24.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 97.76%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 90147    | 22.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 88.72%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 114696   | 49.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 98.00%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 233230   | 24.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 98.28%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 329558   | 27.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 108.84% |

| Target Compounds | R.T. | QIon | Response | Conc  | Units | Qvalue |
|------------------|------|------|----------|-------|-------|--------|
| 13) Acetone      | 4.15 | 43   | 10797    | 6.078 | ug/L  | 81     |

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

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