

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072918\  
 Data File : VW004269.D  
 Acq On : 27 Jul 2018 13:28  
 Operator : SY/AP  
 Sample : VW0729SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK89

Quant Time: Jul 27 23:22:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072618S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 27 23:17:19 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 359706   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 337741   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 167206   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 101864   | 28.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 112.52% |
| 7) Chloroethane-d5             | 2.89   | 69    | 70705    | 26.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 107.40% |
| 10) 1,1-Dichloroethene-d2      | 4.00   | 63    | 141684   | 16.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.56%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 82994    | 40.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 80.96%  |
| 24) Chloroform-d               | 7.65   | 84    | 198894   | 21.60    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 86.40%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 122855   | 22.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 88.72%  |
| 29) Benzene-d6                 | 8.28   | 84    | 412367   | 23.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 92.16%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 130911   | 21.99    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 87.96%  |
| 37) Toluene-d8                 | 10.33  | 98    | 403031   | 23.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 95.28%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 62340    | 23.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.28%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 66664    | 42.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.22%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 129394   | 21.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 85.12%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 160558   | 25.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 102.76% |

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

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

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