

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW072018\  
 Data File : VW004077.D  
 Acq On : 20 Jul 2018 15:25  
 Operator : SY/AP  
 Sample : J4023-15  
 Misc : 6.79G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB1M6

Quant Time: Jul 21 05:31:03 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM071818S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 21 04:54:15 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 291612   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 253018   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 82950    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 61668    | 21.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.52%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 45977    | 22.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 88.44%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 107251   | 15.50    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 62.00%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 72411    | 42.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.62%  |
| 24) Chloroform-d               | 7.65   | 84    | 176666   | 25.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.12% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 110468   | 26.50    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 106.00% |
| 29) Benzene-d6                 | 8.27   | 84    | 297385   | 25.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 101.36% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 110969   | 28.35    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 113.40% |
| 37) Toluene-d8                 | 10.33  | 98    | 249143   | 23.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 94.48%  |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 40406    | 23.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 93.96%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 44607    | 42.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.66%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 109390   | 25.51    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 102.04% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 72065    | 27.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 108.08% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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