

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072918\  
 Data File : VW004280.D  
 Acq On : 27 Jul 2018 18:49  
 Operator : SY/AP  
 Sample : J4205-05  
 Misc : 4.64G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JJ1L2

Quant Time: Jul 28 00:11:08 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     | 8.85  | 114  | 395756   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 377708   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 160072   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 130822   | 32.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 131.32% |
| 7) Chloroethane-d5             | 2.89   | 69    | 75404    | 26.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 104.08% |
| 10) 1,1-Dichloroethene-d2      | 4.00   | 63    | 200187   | 21.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 84.20%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 102104   | 45.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.54%  |
| 24) Chloroform-d               | 7.65   | 84    | 261952   | 25.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 103.40% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 160557   | 26.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 105.36% |
| 29) Benzene-d6                 | 8.27   | 84    | 523117   | 26.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 104.52% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 175118   | 26.30    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 105.20% |
| 37) Toluene-d8                 | 10.33  | 98    | 483140   | 25.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 102.12% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 73864    | 24.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 97.76%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 77135    | 44.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 88.18%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 163450   | 24.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 96.16%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 164702   | 27.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 110.08% |

| Target Compounds       |      |    |       |           | Ovalue |
|------------------------|------|----|-------|-----------|--------|
| 13) Acetone            | 4.12 | 43 | 6772  | 2.97 ug/L | 85     |
| 16) Methylene chloride | 4.90 | 84 | 12927 | 2.33 ug/L | 91     |

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

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