

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW080218\  
 Data File : VW004466.D  
 Acq On : 03 Aug 2018 23:41  
 Operator : SY/AP  
 Sample : J4299-16  
 Misc : 6.34G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AF4

Quant Time: Aug 04 03:53:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM080218S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 04 02:26:08 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 814269   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 848873   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 362724   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 274696   | 27.12    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 108.48% |
| 7) Chloroethane-d5             | 2.89   | 69    | 222598   | 26.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 104.52% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 399185   | 19.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 77.64%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 246765   | 55.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 110.52% |
| 24) Chloroform-d               | 7.65   | 84    | 565997   | 25.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.72% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 338294   | 27.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 110.12% |
| 29) Benzene-d6                 | 8.28   | 84    | 1062798  | 23.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 94.12%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 350866   | 23.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 95.08%  |
| 37) Toluene-d8                 | 10.33  | 98    | 904251   | 22.71    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 90.84%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 139296   | 22.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 91.80%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 180703   | 50.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 100.58% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 402976   | 25.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 100.72% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 376704   | 27.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 110.60% |

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

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

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