

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072418\  
 Data File : VW004180.D  
 Acq On : 24 Jul 2018 17:11  
 Operator : SY/AP  
 Sample : J4040-14  
 Misc : 6.09G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AE5

Quant Time: Jul 24 18:53:54 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM071818S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Jul 23 15:53:12 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 306737   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 314029   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 146132   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 49378    | 16.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 65.08%  |
| 7) Chloroethane-d5             | 2.88   | 69    | 39019    | 17.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 71.36%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 93971    | 12.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 51.64%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 95950    | 53.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 107.86% |
| 24) Chloroform-d               | 7.65   | 84    | 169378   | 23.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.08%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 111752   | 25.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 101.92% |
| 29) Benzene-d6                 | 8.28   | 84    | 291864   | 20.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 80.16%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 112037   | 23.06    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 92.24%  |
| 37) Toluene-d8                 | 10.33  | 98    | 248356   | 18.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 75.88%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 44982    | 21.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.28%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 65853    | 50.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 100.72% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 135246   | 25.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 101.64% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 116937   | 24.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 99.56%  |

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

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

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