

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\  
 Data File : VW003355.D  
 Acq On : 20 Jun 2018 16:23  
 Operator : SY/AP  
 Sample : J3568-06  
 Misc : 7.17G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DAXR6

Quant Time: Jun 21 04:48:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 21 04:12:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 257495   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 188534   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 49685    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 112274   | 32.15    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 128.60%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 88188    | 30.27    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 121.08%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 150857   | 21.76    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 87.04%   |
| 20) 2-Butanone-d5              | 7.09   | 46    | 60862    | 55.31    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 110.62%  |
| 24) Chloroform-d               | 7.65   | 84    | 193942   | 28.63    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 114.52%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 120536   | 29.95    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 119.80%  |
| 29) Benzene-d6                 | 8.27   | 84    | 361789   | 36.17    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 144.68%# |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 118940   | 37.56    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 150.24%# |
| 37) Toluene-d8                 | 10.33  | 98    | 293034   | 30.64    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 122.56%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 36761    | 24.73    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 98.92%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 39854    | 61.58    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 123.16%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 93610    | 31.77    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 127.08%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.87  | 152   | 56925    | 30.33    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 121.32%# |

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

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

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