

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\  
 Data File : VW003547.D  
 Acq On : 25 Jun 2018 14:37  
 Operator : SY/AP  
 Sample : J3621-15  
 Misc : 7.54G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DAZ77

Quant Time: Jun 26 03:47:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 26 03:05:07 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 220022   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.64 | 117  | 216010   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 91369    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 48262    | 16.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 64.68%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 45541    | 18.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 73.16%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 80397    | 13.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 54.28%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 62790    | 66.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 133.56% |
| 24) Chloroform-d               | 7.65   | 84    | 144129   | 24.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 99.60%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 97032    | 28.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 112.84% |
| 29) Benzene-d6                 | 8.28   | 84    | 249571   | 21.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.08%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 91824    | 25.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 101.24% |
| 37) Toluene-d8                 | 10.33  | 98    | 226739   | 20.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 82.76%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 36626    | 21.50    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 86.00%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 37673    | 50.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 101.60% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 94362    | 27.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 111.84% |
| 61) 1,2-Dichlorobenzene-d4     | 13.87  | 152   | 89219    | 25.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 103.40% |

## Target Compounds

|                              |      |    |        |       | Ovalue  |
|------------------------------|------|----|--------|-------|---------|
| 13) Acetone                  | 4.14 | 43 | 10055  | 10.03 | ug/L 60 |
| 18) trans-1,2-Dichloroethene | 5.42 | 96 | 89053  | 31.08 | ug/L 94 |
| 22) cis-1,2-Dichloroethene   | 7.17 | 96 | 249033 | 81.77 | ug/L 97 |
| 35) Trichloroethene          | 9.09 | 95 | 36431  | 10.97 | ug/L 98 |

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

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