

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\  
 Data File : VW003424.D  
 Acq On : 22 Jun 2018 13:55  
 Operator : SY/AP  
 Sample : J3621-21  
 Misc : 7.59G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DAZ96

Quant Time: Jun 23 03:28:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 23 02:14:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 345933   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 330236   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 150361   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 92047    | 19.62    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 78.48% |
| 7) Chloroethane-d5             | 2.89   | 69    | 80462    | 20.55    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.20% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 142265   | 15.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 61.08% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 53431    | 36.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 72.28% |
| 24) Chloroform-d               | 7.65   | 84    | 197806   | 21.74    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 86.96% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 118249   | 21.87    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 87.48% |
| 29) Benzene-d6                 | 8.27   | 84    | 372285   | 21.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 85.00% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 124499   | 22.45    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.80% |
| 37) Toluene-d8                 | 10.33  | 98    | 341952   | 20.41    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 81.64% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 49159    | 18.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.52% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 39615    | 34.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 69.88% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 97644    | 18.92    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 75.68% |
| 61) 1,2-Dichlorobenzene-d4     | 13.87  | 152   | 130498   | 22.98    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 91.92% |

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

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

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