

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062618\  
 Data File : VW003569.D  
 Acq On : 26 Jun 2018 10:20  
 Operator : SY/AP  
 Sample : VW0626SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK93

Quant Time: Jun 27 01:37:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 27 01:37:29 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 314560   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.64 | 117  | 298264   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 140652   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 86292    | 20.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.92%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 72009    | 20.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.92%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 136305   | 16.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 64.36%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 74178    | 55.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 110.36% |
| 24) Chloroform-d               | 7.65   | 84    | 191947   | 23.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 92.80%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 119660   | 24.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 97.36%  |
| 29) Benzene-d6                 | 8.27   | 84    | 356055   | 22.50    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 90.00%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 118151   | 23.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.36%  |
| 37) Toluene-d8                 | 10.33  | 98    | 325409   | 21.51    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 86.04%  |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 50415    | 21.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 85.76%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 53253    | 52.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 104.02% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 114473   | 24.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 98.24%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.87  | 152   | 128713   | 24.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.92%  |

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

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

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