

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\  
 Data File : VW011129.D  
 Acq On : 03 Jul 2019 01:43  
 Operator : SY/VA  
 Sample : K3599-16  
 Misc : 5.07G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAM25

Quant Time: Jul 03 07:20:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 03 05:51:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 271940   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 248586   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 111479   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 62797    | 15.12    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 60.48%  |
| 7) Chloroethane-d5             | 2.88   | 69    | 47037    | 16.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 64.60%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 110363   | 12.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 50.20%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 82326    | 50.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 100.66% |
| 24) Chloroform-d               | 7.65   | 84    | 144224   | 19.35    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 77.40%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 97742    | 21.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 85.16%  |
| 29) Benzene-d6                 | 8.27   | 84    | 286719   | 18.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 74.88%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 101279   | 20.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 81.24%  |
| 37) Toluene-d8                 | 10.32  | 98    | 254120   | 18.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 74.48%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 36073    | 17.01    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 68.04%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 49659    | 43.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 86.84%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 93792    | 22.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 90.96%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 87172    | 20.37    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 81.48%  |

## Target Compounds

|                            |       |     |       |             | Ovalue |
|----------------------------|-------|-----|-------|-------------|--------|
| 13) Acetone                | 4.12  | 43  | 4105  | 2.569 ug/L  | 98     |
| 22) cis-1,2-Dichloroethene | 7.16  | 96  | 10188 | 2.606 ug/L  | 84     |
| 35) Trichloroethene        | 9.09  | 95  | 39664 | 10.117 ug/L | 98     |
| 47) Tetrachloroethene      | 10.86 | 164 | 20782 | 7.014 ug/L  | 95     |

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

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