

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\  
 Data File : VW011241.D  
 Acq On : 12 Jul 2019 15:46  
 Operator : SY/VA  
 Sample : K3760-07  
 Misc : 6.36G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB8Y7

Quant Time: Jul 13 06:53:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 13 05:32:10 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 321896   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 275140   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 114059   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 84633    | 17.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 68.88%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 68234    | 19.79    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.16%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 158387   | 15.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 60.88%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 83989    | 43.38    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 86.76%  |
| 24) Chloroform-d               | 7.65   | 84    | 204506   | 23.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 92.72%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 129176   | 23.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.08%  |
| 29) Benzene-d6                 | 8.27   | 84    | 417827   | 24.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.60%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 142523   | 25.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 103.28% |
| 37) Toluene-d8                 | 10.32  | 98    | 352918   | 23.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.44%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 48742    | 20.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 83.08%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 53315    | 42.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.24%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 110862   | 24.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 97.12%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 105272   | 24.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.16%  |

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

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

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