

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\  
 Data File : VW011810.D  
 Acq On : 09 Aug 2019 13:55  
 Operator : SY/VA  
 Sample : K4215-15  
 Misc : 5.96G/10ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ETOC8

Quant Time: Aug 10 05:03:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 10 03:43:50 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 140073   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 95549    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 27004    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 60757    | 30.80    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 123.20%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 45815    | 32.25    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 129.00%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 87080    | 19.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 77.04%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 62996    | 70.93    | ug/L | -0.02    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 141.86%# |
| 24) Chloroform-d               | 7.65   | 84    | 118898   | 30.91    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 123.64%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 83076    | 36.49    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 145.96%# |
| 29) Benzene-d6                 | 8.27   | 84    | 203544   | 33.88    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 135.52%# |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 80223    | 41.36    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 165.44%# |
| 37) Toluene-d8                 | 10.32  | 98    | 122287   | 22.93    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 91.72%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 26041    | 30.63    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 122.52%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 38071    | 84.03    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 168.06%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 70483    | 43.76    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 175.04%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 30645    | 29.45    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 117.80%  |

## Target Compounds

|                        |       |     |      |            | Ovalue |
|------------------------|-------|-----|------|------------|--------|
| 13) Acetone            | 4.12  | 43  | 7175 | 7.543 ug/L | 95     |
| 14) Carbon disulfide   | 4.38  | 76  | 4782 | 0.730 ug/L | 97     |
| 16) Methylene chloride | 4.92  | 84  | 7769 | 3.554 ug/L | 97     |
| 54) m,p-Xylene         | 11.84 | 106 | 4589 | 1.664 ug/L | 89     |

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

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