

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW040819\  
 Data File : VW009817.D  
 Acq On : 08 Apr 2019 23:06  
 Operator : SY/VA  
 Sample : K2217-09  
 Misc : 5.63G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF618

Quant Time: Apr 09 02:40:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 09 02:37:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 407399   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 389896   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 159457   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 121251   | 22.74    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 90.96%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 111255   | 22.78    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 91.12%   |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 210325   | 18.35    | ug/L | -0.01    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 73.40%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 146321   | 84.53    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 169.06%# |
| 24) Chloroform-d               | 7.64   | 84    | 312619   | 28.12    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 112.48%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 217437   | 31.86    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 127.44%  |
| 29) Benzene-d6                 | 8.27   | 84    | 571228   | 27.91    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 111.64%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 183937   | 29.10    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 116.40%  |
| 37) Toluene-d8                 | 10.32  | 98    | 489531   | 25.87    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 103.48%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 79200    | 26.27    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 105.08%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 89674    | 75.26    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 150.52%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 199461   | 33.94    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 135.76%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 164903   | 29.47    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 117.88%  |

## Target Compounds

| Target Compounds              | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|-------------------------------|-------|------|----------|-------|--------|--------|
| 13) Acetone                   | 4.12  | 43   | 9964     | 5.373 | ug/L   | 77     |
| 16) Methylene chloride        | 4.92  | 84   | 11212    | 1.560 | ug/L   | 99     |
| 45) trans-1,3-Dichloropropene | 10.57 | 75   | 4194     | 0.523 | ug/L # | 69     |
| 59) 1,2,3-Trichloropropane    | 13.56 | 75   | 23039    | 5.107 | ug/L   | 92     |

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

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