

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041019\  
 Data File : VW009902.D  
 Acq On : 11 Apr 2019 01:38  
 Operator : SY/VA  
 Sample : K2254-18RE  
 Misc : 5.29G/10ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFC39RE

Quant Time: Apr 11 06:22:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 11 03:44:42 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 348879   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 328303   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 125591   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 93658    | 20.51    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.04%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 85648    | 20.48    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.92%   |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 176552   | 17.98    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 71.92%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 144905   | 97.76    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 195.52%# |
| 24) Chloroform-d               | 7.65   | 84    | 267108   | 28.06    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 112.24%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 183979   | 31.48    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 125.92%  |
| 29) Benzene-d6                 | 8.27   | 84    | 469895   | 27.27    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 109.08%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 155594   | 29.23    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 116.92%  |
| 37) Toluene-d8                 | 10.32  | 98    | 389493   | 24.44    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 97.76%   |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 59338    | 23.37    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 93.48%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 90088    | 89.79    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 179.58%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 172071   | 34.77    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 139.08%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 136108   | 30.88    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 123.52%# |

## Target Compounds

| Target Compounds       | R.T. | QIon | Response | Conc   | Units | Ovalue |
|------------------------|------|------|----------|--------|-------|--------|
| 13) Acetone            | 4.12 | 43   | 48207    | 30.353 | ug/L  | 99     |
| 14) Carbon disulfide   | 4.37 | 76   | 30551    | 2.121  | ug/L  | 97     |
| 15) Methyl Acetate     | 4.68 | 43   | 4435     | 1.532  | ug/L  | 92     |
| 16) Methylene chloride | 4.92 | 84   | 18881    | 3.069  | ug/L  | 94     |

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

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