

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041519\  
 Data File : VW009987.D  
 Acq On : 15 Apr 2019 22:45  
 Operator : SY/VA  
 Sample : K2403-02  
 Misc : 5.77G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A5102

Quant Time: Apr 16 02:34:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM041519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 16 01:53:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 21513    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 20555    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 6550     | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 8207     | 40.37    | ug/L | -0.01    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 161.48%# |
| 7) Chloroethane-d5             | 2.89   | 69    | 8120     | 39.43    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 157.72%# |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 14734    | 26.13    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 104.52%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 6584     | 59.87    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 119.74%  |
| 24) Chloroform-d               | 7.65   | 84    | 19309    | 31.05    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 124.20%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 12312    | 31.91    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 127.64%  |
| 29) Benzene-d6                 | 8.27   | 84    | 30916    | 27.37    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 109.48%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 10695    | 29.72    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 118.88%  |
| 37) Toluene-d8                 | 10.32  | 98    | 20916    | 20.30    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 81.20%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 3943     | 23.11    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.44%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 2972     | 37.28    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.56%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 10480    | 31.14    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 124.56%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 6254     | 25.40    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 101.60%  |

| Target Compounds |       |    |      |              | Ovalue |
|------------------|-------|----|------|--------------|--------|
| 13) Acetone      | 4.14  | 43 | 3245 | 33.182 ug/L  | 61     |
| 44) Toluene      | 10.38 | 91 | 1565 | 1.218 ug/L # | 67     |

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

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