

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\  
 Data File : VW010208.D  
 Acq On : 30 Apr 2019 05:54  
 Operator : SY/VA  
 Sample : K2613-01  
 Misc : 5.35G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFH39

Quant Time: Apr 30 07:58:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042919S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Apr 29 15:05:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 424363   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 323002   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 77604    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 80080    | 16.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 66.52%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 79111    | 20.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.16%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 135571   | 12.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 50.64%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 21232    | 11.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 23.92%  |
| 24) Chloroform-d               | 7.65   | 84    | 245575   | 22.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.32%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 140949   | 22.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 89.24%  |
| 29) Benzene-d6                 | 8.27   | 84    | 401395   | 23.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 92.32%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 141871   | 26.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 104.44% |
| 37) Toluene-d8                 | 10.32  | 98    | 303757   | 19.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 76.80%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 31927    | 12.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 51.00%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 14501    | 12.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 25.40%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 95261    | 20.53    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 82.12%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 58911    | 20.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 81.76%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 4.12 | 43 | 4211 | 3.001 ug/L | 85     |

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

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