

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\  
 Data File : VW009444.D  
 Acq On : 25 Mar 2019 23:02  
 Operator : SY/VA  
 Sample : K2044-10  
 Misc : 4.20G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF5W6

Quant Time: Mar 26 10:10:21 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 26 09:00:24 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 401104   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 391139   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 180855   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 87415    | 18.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 72.96%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 104575   | 18.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.60%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 149966   | 14.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 57.92%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 128402   | 64.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 129.56% |
| 24) Chloroform-d               | 7.65   | 84    | 256343   | 23.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.68%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 171895   | 26.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 104.28% |
| 29) Benzene-d6                 | 8.27   | 84    | 447617   | 20.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 83.00%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 150860   | 23.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.12%  |
| 37) Toluene-d8                 | 10.32  | 98    | 390261   | 19.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 78.28%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 68474    | 21.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.16%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 95300    | 60.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 121.46% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 179356   | 28.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 112.44% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 167833   | 24.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.80%  |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 9466 | 5.823 ug/L | 72     |
| 16) Methylene chloride | 4.91 | 84 | 6037 | 1.032 ug/L | 86     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\  
Data File : VW009444.D  
Acq On : 25 Mar 2019 23:02  
Operator : SY/VA  
Sample : K2044-10  
Misc : 4.20G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BF5W6

Quant Time: Mar 26 10:10:21 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 26 09:00:24 2019  
Response via : Initial Calibration

