

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\  
 Data File : VW009424.D  
 Acq On : 25 Mar 2019 13:23  
 Operator : SY/VA  
 Sample : K1988-07  
 Misc : 6.21G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF0B8

Quant Time: Mar 26 08:40:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 26 07:46:05 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 425508   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 388951   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 149730   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 98959    | 19.46    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.84% |
| 7) Chloroethane-d5             | 2.89   | 69    | 112522   | 18.91    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 75.64% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 167617   | 15.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 61.00% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 75891    | 36.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 72.18% |
| 24) Chloroform-d               | 7.65   | 84    | 263180   | 22.66    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 90.64% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 162110   | 23.17    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 92.68% |
| 29) Benzene-d6                 | 8.27   | 84    | 463949   | 21.63    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 86.52% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 151174   | 23.46    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.84% |
| 37) Toluene-d8                 | 10.32  | 98    | 398980   | 20.12    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 80.48% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 63792    | 19.72    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 78.88% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 58504    | 37.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.98% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 143003   | 22.54    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 90.16% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 129665   | 22.58    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 90.32% |

| Target Compounds       |       |     |       |              | Ovalue |
|------------------------|-------|-----|-------|--------------|--------|
| 16) Methylene chloride | 4.92  | 84  | 17787 | 2.867 ug/L   | 94     |
| 35) Trichloroethene    | 9.09  | 95  | 3059  | 0.539 ug/L   | 95     |
| 44) Toluene            | 10.39 | 91  | 18693 | 0.803 ug/L   | 99     |
| 47) Tetrachloroethene  | 10.87 | 164 | 2245  | 0.468 ug/L # | 65     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\  
Data File : VW009424.D  
Acq On : 25 Mar 2019 13:23  
Operator : SY/VA  
Sample : K1988-07  
Misc : 6.21G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BF0B8

Quant Time: Mar 26 08:40:17 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 26 07:46:05 2019  
Response via : Initial Calibration

