

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\  
 Data File : VW005761.D  
 Acq On : 02 Oct 2018 03:40  
 Operator : SY/AP  
 Sample : J5181-08  
 Misc : 3.56G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLC37

Quant Time: Oct 02 08:03:38 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 02 07:19:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 274618   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 238607   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 82437    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 46275    | 13.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 52.88%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 41606    | 15.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 60.92%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 84926    | 11.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 44.44%# |
| 20) 2-Butanone-d5              | 7.09   | 46    | 30109    | 26.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 53.58%  |
| 24) Chloroform-d               | 7.65   | 84    | 149192   | 21.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 84.60%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 91514    | 21.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 85.68%  |
| 29) Benzene-d6                 | 8.28   | 84    | 257189   | 21.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.08%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 86440    | 25.32    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 101.28% |
| 37) Toluene-d8                 | 10.33  | 98    | 213560   | 18.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 73.24%  |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 32176    | 17.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 71.76%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 17901    | 22.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 44.78%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 69919    | 21.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 84.32%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 60590    | 20.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 83.08%  |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.91 | 84 | 18131 | 4.004 ug/L | 96     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\  
Data File : VW005761.D  
Acq On : 02 Oct 2018 03:40  
Operator : SY/AP  
Sample : J5181-08  
Misc : 3.56G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JLC37

Quant Time: Oct 02 08:03:38 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Oct 02 07:19:35 2018  
Response via : Initial Calibration

