

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\  
 Data File : VW006372.D  
 Acq On : 25 Oct 2018 19:15  
 Operator : SY/AP  
 Sample : J5657-19  
 Misc : 5.72G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A40F3

Quant Time: Oct 26 05:11:54 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100918S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 26 04:05:39 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 403125   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 376254   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 195705   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 71512    | 15.73    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 62.92% |
| 7) Chloroethane-d5             | 2.89   | 69    | 74153    | 18.95    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 75.80% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 117201   | 13.42    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 53.68% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 59866    | 39.73    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 79.46% |
| 24) Chloroform-d               | 7.65   | 84    | 188845   | 21.63    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 86.52% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 112086   | 23.20    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 92.80% |
| 29) Benzene-d6                 | 8.28   | 84    | 369495   | 21.63    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 86.52% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 111951   | 21.71    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 86.84% |
| 37) Toluene-d8                 | 10.33  | 98    | 354673   | 20.76    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 83.04% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 46086    | 18.39    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 73.56% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 52002    | 41.75    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.50% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 111286   | 22.20    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 88.80% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 156267   | 23.30    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 93.20% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 4.14 | 43 | 13908 | 9.135 ug/L | 99     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102618\  
Data File : VW006372.D  
Acq On : 25 Oct 2018 19:15  
Operator : SY/AP  
Sample : J5657-19  
Misc : 5.72G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A40F3

Quant Time: Oct 26 05:11:54 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100918S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Oct 26 04:05:39 2018  
Response via : Initial Calibration

