

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103018\  
 Data File : VW006458.D  
 Acq On : 29 Oct 2018 16:24  
 Operator : SY/AP  
 Sample : J5705-11  
 Misc : 4.68G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A40J1

Quant Time: Oct 30 05:43:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100918S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 30 04:53:39 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 331902   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 306035   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 138765   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 69875    | 18.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.68%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 74519    | 23.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.52%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 109400   | 15.22    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 60.88%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 54764    | 44.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 88.28%  |
| 24) Chloroform-d               | 7.65   | 84    | 184642   | 25.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.72% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 109071   | 27.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 109.68% |
| 29) Benzene-d6                 | 8.28   | 84    | 348933   | 25.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 100.44% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 106743   | 25.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 101.84% |
| 37) Toluene-d8                 | 10.33  | 98    | 326512   | 23.50    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 94.00%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 41962    | 20.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 82.36%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 41792    | 41.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 82.50%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 113452   | 27.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 111.28% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 127980   | 26.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 107.64% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103018\  
Data File : VW006458.D  
Acq On : 29 Oct 2018 16:24  
Operator : SY/AP  
Sample : J5705-11  
Misc : 4.68G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A40J1

Quant Time: Oct 30 05:43:22 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100918S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Oct 30 04:53:39 2018  
Response via : Initial Calibration

