

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\  
 Data File : VW005737.D  
 Acq On : 01 Oct 2018 16:02  
 Operator : SY/AP  
 Sample : J5180-06  
 Misc : 5.47G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLC15

Manual Integrations  
 APPROVED

sam  
 10/5/2018 2:43:33 PM

Quant Time: Oct 02 06:41:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 02 05:44:23 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 172462   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 170067   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 76283    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 33120    | 15.06    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 60.24%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 29286    | 17.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 68.28%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 60293    | 12.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 50.24%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 40774    | 57.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 115.54% |
| 24) Chloroform-d               | 7.65   | 84    | 97416    | 21.99    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 87.96%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 64986    | 24.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 96.88%  |
| 29) Benzene-d6                 | 8.28   | 84    | 166422   | 19.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 79.08%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 54624    | 22.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.80%  |
| 37) Toluene-d8                 | 10.33  | 98    | 149345   | 17.97    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 71.88%  |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 25674    | 20.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 80.36%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 29892    | 52.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 104.92% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 61809    | 26.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 104.60% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 61339    | 22.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 90.92%  |

| Target Compounds       |      |    |       | Ovalue     |
|------------------------|------|----|-------|------------|
| 13) Acetone            | 4.12 | 43 | 3660m | 4.980 ug/L |
| 16) Methylene chloride | 4.92 | 84 | 8216m | 2.889 ug/L |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\  
Data File : VW005737.D  
Acq On : 01 Oct 2018 16:02  
Operator : SY/AP  
Sample : J5180-06  
Misc : 5.47G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JLC15

Manual Integrations  
APPROVED

sam  
10/5/2018 2:43:33 PM

Quant Time: Oct 02 06:41:29 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Oct 02 05:44:23 2018  
Response via : Initial Calibration

