

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011420\  
 Data File : VU036458.D  
 Acq On : 14 Jan 2020 22:49  
 Operator : JC/MD  
 Sample : L1117-02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFRB4

Quant Time: Jan 15 10:15:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM011420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 15 00:18:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 475921   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 447686   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 161316   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 183412   | 59.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 118.88% |
| 7) Chloroethane-d5             | 1.93    | 69    | 152332   | 57.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 114.06% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 262690   | 44.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.68%  |
| 21) 2-Butanone-d5              | 4.68    | 46    | 280378   | 105.69   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 105.69% |
| 24) Chloroform-d               | 5.11    | 84    | 336672   | 54.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 109.62% |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 230932   | 56.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 113.10% |
| 32) Benzene-d6                 | 5.77    | 84    | 665712   | 56.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 113.72% |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 218021   | 57.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 114.52% |
| 41) Toluene-d8                 | 7.93    | 98    | 616016   | 55.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 111.26% |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 109024   | 53.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 106.30% |
| 47) 2-Hexanone-d5              | 8.67    | 63    | 210946   | 108.11   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 108.11% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78   | 84    | 316487   | 55.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 110.52% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 180970   | 56.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 113.90% |

## Target Compounds

|                        |       |     |       |            | Ovalue |
|------------------------|-------|-----|-------|------------|--------|
| 13) Acetone            | 2.66  | 43  | 27855 | 9.702 ug/L | 95     |
| 19) 1,1-Dichloroethane | 3.92  | 63  | 5370  | 0.922 ug/L | 96     |
| 22) 2-Butanone         | 4.76  | 43  | 9674  | 2.969 ug/L | 95     |
| 53) m,p-Xylene         | 9.72  | 106 | 19700 | 3.376 ug/L | 79     |
| 54) o-xylene           | 10.13 | 106 | 7622  | 1.308 ug/L | 99     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011420\  
Data File : VU036458.D  
Acq On : 14 Jan 2020 22:49  
Operator : JC/MD  
Sample : L1117-02  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFRB4

Quant Time: Jan 15 10:15:45 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM011420WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jan 15 00:18:03 2020  
Response via : Initial Calibration

