

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071819\  
 Data File : VU033317.D  
 Acq On : 18 Jul 2019 14:23  
 Operator : JC/SP  
 Sample : K3831-04  
 Misc : 12.78g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAMR1

Quant Time: Jul 22 16:12:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 19 01:43:14 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 362838   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 364585   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 209238   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 117738   | 42.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 85.74%  |
| 7) Chloroethane-d5             | 1.63    | 69    | 86124    | 36.70    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 73.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.22    | 63    | 207634   | 41.68    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.36%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 184418   | 105.97   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 105.97% |
| 24) Chloroform-d               | 4.62    | 84    | 218233   | 47.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.82%  |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 145224   | 49.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.38%  |
| 32) Benzene-d6                 | 5.31    | 84    | 463320   | 51.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.60% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 143910   | 50.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.46% |
| 41) Toluene-d8                 | 7.55    | 98    | 452854   | 53.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.38% |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 76730    | 54.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 109.24% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 156616   | 121.26   | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 121.26% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42   | 84    | 238575   | 55.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 110.04% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 198399   | 53.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.34% |

## Target Compounds

| Target Compounds      | R.T.  | QIon | Response | Conc   | Units | Ovalue |
|-----------------------|-------|------|----------|--------|-------|--------|
| 35) Methylcyclohexane | 6.39  | 83   | 200761   | 47.132 | ug/L  | 91     |
| 52) Ethylbenzene      | 9.24  | 91   | 62872    | 5.126  | ug/L  | 98     |
| 53) m,p-Xylene        | 9.36  | 106  | 48868    | 10.518 | ug/L  | 100    |
| 56) Isopropylbenzene  | 10.15 | 105  | 40087    | 3.377  | ug/L  | 98     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071819\  
Data File : VU033317.D  
Acq On : 18 Jul 2019 14:23  
Operator : JC/SP  
Sample : K3831-04  
Misc : 12.78g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAMR1

Quant Time: Jul 22 16:12:03 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jul 19 01:43:14 2019  
Response via : Initial Calibration

