

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\  
 Data File : VU036955.D  
 Acq On : 27 Feb 2020 19:58  
 Operator : JC/MD  
 Sample : L1708-03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CA0

Quant Time: Feb 28 00:10:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Feb 27 22:00:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 256972   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 241528   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 90150    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 73517    | 34.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 68.14%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 72166    | 40.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 80.84%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 101155   | 27.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 55.98%# |
| 21) 2-Butanone-d5              | 4.67    | 46    | 144730   | 99.98    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.98%  |
| 24) Chloroform-d               | 5.11    | 84    | 145687   | 44.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.42%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 100284   | 44.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.94%  |
| 32) Benzene-d6                 | 5.76    | 84    | 311186   | 44.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.10%  |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 105206   | 46.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.98%  |
| 41) Toluene-d8                 | 7.93    | 98    | 276307   | 42.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.28%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 42990    | 40.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.76%  |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 105706   | 95.54    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.54%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 149240   | 46.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.56%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 84388    | 47.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.78%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.66 | 43 | 3110 | 2.089 ug/L | 99     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\  
Data File : VU036955.D  
Acq On : 27 Feb 2020 19:58  
Operator : JC/MD  
Sample : L1708-03  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0CA0

Quant Time: Feb 28 00:10:13 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Feb 27 22:00:13 2020  
Response via : Initial Calibration

