

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\  
 Data File : VU037573.D  
 Acq On : 03 Apr 2020 17:54  
 Operator : JC/MD  
 Sample : L2158-02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0EZ0

Quant Time: Apr 04 06:18:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 04 05:18:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 171181   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 159688   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 76743    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 62105    | 44.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.34% |
| 7) Chloroethane-d5             | 1.93    | 69    | 48761    | 43.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.30% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 86430    | 36.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.96% |
| 21) 2-Butanone-d5              | 4.66    | 46    | 100091   | 95.79    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.79% |
| 24) Chloroform-d               | 5.10    | 84    | 104555   | 44.64    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.28% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 70061    | 45.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.10% |
| 32) Benzene-d6                 | 5.76    | 84    | 215861   | 46.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.30% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 73167    | 46.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.96% |
| 41) Toluene-d8                 | 7.92    | 98    | 198599   | 46.06    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.12% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 38080    | 45.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.06% |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 76838    | 93.11    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 93.11% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 103212   | 46.35    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.70% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 72281    | 46.16    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.32% |

## Target Compounds

| Target Compounds           | R.T. | QIon | Response | Conc    | Units | Ovalue |
|----------------------------|------|------|----------|---------|-------|--------|
| 12) 1,1-Dichloroethene     | 2.60 | 96   | 8851     | 9.666   | ug/L  | # 1    |
| 13) Acetone                | 2.66 | 43   | 1896     | 3.139   | ug/L  | 87     |
| 19) 1,1-Dichloroethane     | 3.91 | 63   | 5683     | 2.942   | ug/L  | 93     |
| 20) cis-1,2-Dichloroethene | 4.71 | 96   | 23642    | 20.821  | ug/L  | 96     |
| 25) Chloroform             | 5.12 | 83   | 3068     | 1.523   | ug/L  | 84     |
| 34) Trichloroethene        | 6.57 | 95   | 349740   | 319.667 | ug/L  | 99     |
| 42) Toluene                | 7.99 | 91   | 7117     | 1.572   | ug/L  | 100    |
| 46) Tetrachloroethene      | 8.57 | 164  | 8174     | 11.127  | ug/L  | 91     |

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

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