

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\  
 Data File : VU038711.D  
 Acq On : 09 Jun 2020 10:18  
 Operator : SY/MD  
 Sample : L2913-11  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9E53

Quant Time: Jun 10 01:54:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 10 00:33:15 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 712005   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 674357   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 323779   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 223575   | 56.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 112.40% |
| 7) Chloroethane-d5             | 1.93    | 69    | 176217   | 57.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 114.20% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 334101   | 38.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.08%  |
| 21) 2-Butanone-d5              | 4.66    | 46    | 428913   | 110.83   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 110.83% |
| 24) Chloroform-d               | 5.10    | 84    | 422258   | 49.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.46%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 286045   | 50.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.64% |
| 32) Benzene-d6                 | 5.76    | 84    | 891127   | 54.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 109.72% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 277575   | 55.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 110.90% |
| 41) Toluene-d8                 | 7.92    | 98    | 784865   | 53.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.94% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 126141   | 50.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 100.10% |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 315564   | 118.42   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 118.42% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 392738   | 52.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 105.18% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 311263   | 55.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 110.74% |

## Target Compounds

|                        |      |    |        |             | Ovalue |
|------------------------|------|----|--------|-------------|--------|
| 13) Acetone            | 2.66 | 43 | 19941  | 6.394 ug/L  | 96     |
| 27) 1,2-Dichloroethane | 5.83 | 62 | 88268  | 11.409 ug/L | 99     |
| 33) Benzene            | 5.81 | 78 | 100797 | 5.033 ug/L  | 100    |
| 42) Toluene            | 7.99 | 91 | 23609  | 1.128 ug/L  | 97     |

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

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