

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\  
 Data File : VU038682.D  
 Acq On : 08 Jun 2020 21:26  
 Operator : SY/MD  
 Sample : L2896-04  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETW43

Quant Time: Jun 09 06:32:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 09 06:12:02 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 560880   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 558855   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 253156   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 194498   | 62.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 124.14% |
| 7) Chloroethane-d5             | 1.93    | 69    | 150840   | 62.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 124.10% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 295424   | 43.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.52%  |
| 21) 2-Butanone-d5              | 4.66    | 46    | 355300   | 116.54   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 116.54% |
| 24) Chloroform-d               | 5.10    | 84    | 365664   | 54.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.24% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 251366   | 56.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 112.26% |
| 32) Benzene-d6                 | 5.76    | 84    | 755839   | 56.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 112.30% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 232636   | 56.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 112.14% |
| 41) Toluene-d8                 | 7.92    | 98    | 664084   | 54.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 109.18% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 109596   | 52.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 104.94% |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 261728   | 118.52   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 118.52% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 328561   | 53.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 106.18% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 256526   | 58.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 116.72% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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