

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\  
 Data File : VU038750.D  
 Acq On : 10 Jun 2020 01:46  
 Operator : SY/MD  
 Sample : L2897-22  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW0M1

Quant Time: Jun 10 06:30:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 10 05:09:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 533787   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.43  | 117  | 526439   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 247531   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 138357   | 46.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 92.78%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 123178   | 53.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 106.48% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 242579   | 37.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.64%  |
| 21) 2-Butanone-d5              | 4.66    | 46    | 330154   | 113.79   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 113.79% |
| 24) Chloroform-d               | 5.10    | 84    | 334344   | 52.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.00% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 231613   | 54.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.70% |
| 32) Benzene-d6                 | 5.76    | 84    | 674426   | 53.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.36% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 210573   | 53.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 107.76% |
| 41) Toluene-d8                 | 7.92    | 98    | 583153   | 50.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.78% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 97660    | 49.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 99.26%  |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 232136   | 111.59   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 111.59% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 308597   | 52.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 105.88% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 241751   | 56.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 112.50% |

## Target Compounds

|                              |      |    |         |               | Ovalue |
|------------------------------|------|----|---------|---------------|--------|
| 5) Vinyl chloride            | 1.62 | 62 | 53048   | 12.422 ug/L # | 69     |
| 12) 1,1-Dichloroethene       | 2.60 | 96 | 10139   | 3.001 ug/L #  | 1      |
| 17) trans-1,2-Dichloroethene | 3.39 | 96 | 8674    | 2.346 ug/L    | 97     |
| 20) cis-1,2-Dichloroethene   | 4.71 | 96 | 1331145 | 325.701 ug/L  | 98     |
| 34) Trichloroethene          | 6.57 | 95 | 1677215 | 421.840 ug/L  | 99     |

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

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