

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\  
 Data File : VV016601.D  
 Acq On : 06 Jun 2020 19:38  
 Operator : SY/MD  
 Sample : L2895-22  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW0M4

Quant Time: Jun 07 01:22:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 06 23:47:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 358821   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 337548   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 164094   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 86224    | 33.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 67.86%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 67011    | 36.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 73.04%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 125948   | 27.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 55.92%# |
| 21) 2-Butanone-d5              | 3.89    | 46    | 177614   | 109.30   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 109.30% |
| 24) Chloroform-d               | 4.37    | 84    | 210412   | 44.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.24%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 152242   | 47.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.34%  |
| 32) Benzene-d6                 | 5.07    | 84    | 418746   | 46.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.62%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 133028   | 47.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 94.44%  |
| 41) Toluene-d8                 | 7.34    | 98    | 375422   | 45.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.44%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 61138    | 44.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.06%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 133429   | 110.58   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 110.58% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 182288   | 47.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.42%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 158543   | 51.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.82% |

## Target Compounds

|                            |      |    |       |              | Ovalue |
|----------------------------|------|----|-------|--------------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 6646  | 2.411 ug/L # | 67     |
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 26579 | 9.798 ug/L   | 97     |

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

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