

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\  
 Data File : VU038170.D  
 Acq On : 14 May 2020 15:32  
 Operator : JC/MD  
 Sample : L2631-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF8N1

Quant Time: May 15 02:36:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri May 15 01:05:40 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 333013   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 326129   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 151529   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 113558   | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 74.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 112544   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 154672   | 3.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.80%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 456188   | 60.70    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.40% |
| 24) Chloroform-d               | 5.10   | 84    | 222252   | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 137282   | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.60% |
| 32) Benzene-d6                 | 5.76   | 84    | 468868   | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 156052   | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.92   | 98    | 405479   | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.40%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 56630    | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.60%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 372207   | 62.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 124.76% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 130487   | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 157078   | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.60% |

## Target Compounds

|                             |      |    |       |            | Ovalue |
|-----------------------------|------|----|-------|------------|--------|
| 13) Acetone                 | 2.66 | 43 | 14845 | 3.148 ug/L | 95     |
| 17) Methyl tert-butyl Ether | 3.40 | 73 | 19796 | 0.308 ug/L | 95     |
| 34) Trichloroethene         | 6.57 | 95 | 91290 | 3.495 ug/L | 98     |

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

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