

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\  
 Data File : VU039174.D  
 Acq On : 26 Jun 2020 18:53  
 Operator : SY/MD  
 Sample : L3104-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9Q20

Quant Time: Jun 27 02:06:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 26 23:52:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 227336   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.43  | 117  | 247833   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 100825   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 63236    | 3.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.00%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 65203    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 102978   | 3.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.40%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 311948   | 51.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 103.84% |
| 24) Chloroform-d               | 5.10   | 84    | 161751   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 97718    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.00%  |
| 32) Benzene-d6                 | 5.76   | 84    | 295021   | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 100866   | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 87.40%  |
| 41) Toluene-d8                 | 7.92   | 98    | 222701   | 3.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.40%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 37738    | 3.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.20%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 240632   | 46.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.90%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 99726    | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 96171    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.40% |

## Target Compounds

|                     |      |    |       |              | Ovalue |
|---------------------|------|----|-------|--------------|--------|
| 13) Acetone         | 2.67 | 43 | 48130 | 11.797 ug/L  | 94     |
| 21) 2-Butanone      | 4.76 | 43 | 9828  | 1.584 ug/L # | 54     |
| 30) Cyclohexane     | 5.42 | 56 | 27888 | 0.969 ug/L   | 98     |
| 34) Trichloroethene | 6.57 | 95 | 6529  | 0.347 ug/L   | 88     |

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

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