

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\  
 Data File : VU038223.D  
 Acq On : 18 May 2020 16:33  
 Operator : JC/MD  
 Sample : L2657-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: May 18 23:31:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon May 18 22:23:30 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 339598   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 329243   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 157653   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 164127   | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 105.60% |
| 7) Chloroethane-d5             | 1.93   | 69    | 136066   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.20% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 194664   | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.00%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 436231   | 56.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.84% |
| 24) Chloroform-d               | 5.10   | 84    | 238606   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.20% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 145693   | 5.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 107.80% |
| 32) Benzene-d6                 | 5.76   | 84    | 517528   | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.80% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 166059   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.20% |
| 41) Toluene-d8                 | 7.92   | 98    | 460466   | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.80% |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 64198    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 100.60% |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 331628   | 55.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 110.12% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 133109   | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 106.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 164320   | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.20% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.07 | 84 | 2886 | 0.105 ug/L | 89     |

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

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