

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021420\  
 Data File : VU036788.D  
 Acq On : 14 Feb 2020 15:42  
 Operator : JC/MD  
 Sample : L1539-03  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AK3

Quant Time: Feb 15 00:33:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Feb 14 23:39:59 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 129747   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 119682   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 46952    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 42531    | 3.81     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.20% |
| 7) Chloroethane-d5             | 1.93   | 69    | 40873    | 4.22     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 84.40% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 60406    | 3.24     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.80% |
| 20) 2-Butanone-d5              | 4.67   | 46    | 112858   | 48.23    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.46% |
| 24) Chloroform-d               | 5.11   | 84    | 72598    | 4.22     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.40% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 44743    | 4.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.80% |
| 32) Benzene-d6                 | 5.76   | 84    | 166858   | 4.58     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.60% |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 54668    | 4.74     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.80% |
| 41) Toluene-d8                 | 7.93   | 98    | 150017   | 4.43     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.60% |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 18451    | 4.11     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.20% |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 99278    | 48.43    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.86% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 40848    | 4.48     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 45215    | 4.82     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.40% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 3) Chloromethane | 1.54 | 50 | 1777  | 0.199 ug/L | 86     |
| 13) Acetone      | 2.66 | 43 | 10357 | 3.461 ug/L | 96     |

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

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