

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\  
 Data File : VU036736.D  
 Acq On : 11 Feb 2020 21:39  
 Operator : JC/MD  
 Sample : L1490-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B73

Quant Time: Feb 12 08:46:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Feb 12 08:13:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 114678   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 109062   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 45336    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 53091    | 5.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 107.60% |
| 7) Chloroethane-d5             | 1.93   | 69    | 47073    | 5.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 110.00% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 69093    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 83.80%  |
| 20) 2-Butanone-d5              | 4.70   | 46    | 122334   | 59.15    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 118.30% |
| 24) Chloroform-d               | 5.11   | 84    | 80764    | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.20% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 47896    | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 109.80% |
| 32) Benzene-d6                 | 5.77   | 84    | 178476   | 5.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.60% |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 56824    | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.00% |
| 41) Toluene-d8                 | 7.93   | 98    | 162454   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.20% |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 20169    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 98.60%  |
| 46) 2-Hexanone-d5              | 8.67   | 63    | 104210   | 55.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 111.58% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 43473    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 50834    | 5.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 112.20% |

| Target Compounds |      |     |      |            | Ovalue |
|------------------|------|-----|------|------------|--------|
| 42) Toluene      | 8.00 | 91  | 5229 | 0.145 ug/L | 92     |
| 53) m,p-Xylene   | 9.72 | 106 | 1216 | 0.082 ug/L | 94     |

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

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