

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\  
 Data File : VU040771.D  
 Acq On : 17 Oct 2020 18:56  
 Operator : SY/MD  
 Sample : L4421-11  
 Misc : 25.1mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 19 03:58:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Oct 19 03:08:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 118538   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 122869   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 51423    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 33932    | 3.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 69.00%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 33847    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 56313    | 2.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.60%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 168449   | 53.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.18% |
| 24) Chloroform-d               | 5.08   | 84    | 84700    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 54140    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.20% |
| 32) Benzene-d6                 | 5.74   | 84    | 147851   | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 53301    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.80%  |
| 41) Toluene-d8                 | 7.91   | 98    | 111919   | 3.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 75.40%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 19188    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.40%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 114466   | 47.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.32%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 47974    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 50127    | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.20% |

| Target Compounds     |      |    |        |            | Ovalue |
|----------------------|------|----|--------|------------|--------|
| 3) Chloromethane     | 1.53 | 50 | 12545  | 1.249 ug/L | 95     |
| 13) Acetone          | 2.67 | 43 | 20039m | 8.225 ug/L |        |
| 14) Carbon disulfide | 2.81 | 76 | 3955   | 0.167 ug/L | 98     |

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

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