

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\  
 Data File : VU040833.D  
 Acq On : 20 Oct 2020 02:56  
 Operator : SY/MD  
 Sample : L4428-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 20 06:37:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 20 05:12:18 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 108702   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 110194   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 44392    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 26211    | 2.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 58.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 28138    | 4.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 81.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 42920    | 2.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 48.80%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 171102   | 59.36    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 118.72% |
| 24) Chloroform-d               | 5.08   | 84    | 78448    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 47738    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.20%  |
| 32) Benzene-d6                 | 5.74   | 84    | 124420   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 47317    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.00%  |
| 41) Toluene-d8                 | 7.91   | 98    | 92357    | 3.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 69.40%# |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 17644    | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.40%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 113107   | 52.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.02% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 46819    | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 41445    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.80% |

## Target Compounds

|                      |      |    |       |       | Ovalue |     |
|----------------------|------|----|-------|-------|--------|-----|
| 13) Acetone          | 2.66 | 43 | 4841m | 2.167 | ug/L   |     |
| 14) Carbon disulfide | 2.81 | 76 | 37911 | 1.746 | ug/L   | 98  |
| 33) Benzene          | 5.79 | 78 | 3191  | 0.090 | ug/L   | 100 |
| 42) Toluene          | 7.97 | 91 | 5051  | 0.140 | ug/L   | 82  |

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

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