

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\  
 Data File : VU040230.D  
 Acq On : 21 Sep 2020 13:48  
 Operator : SY/MD  
 Sample : L4078-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AN4

Quant Time: Sep 22 07:32:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Sep 22 07:07:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 630662   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 602709   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 273686   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 185074   | 5.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 107.60% |
| 7) Chloroethane-d5             | 1.92   | 69    | 145736   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.60% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 312499   | 3.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.80%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 125578   | 9.12     | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 18.24%# |
| 24) Chloroform-d               | 5.08   | 84    | 366951   | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 233280   | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.00%  |
| 32) Benzene-d6                 | 5.74   | 84    | 718241   | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.00% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 230177   | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.20%  |
| 41) Toluene-d8                 | 7.90   | 98    | 648835   | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.00% |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 106340   | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 99.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 95712    | 9.48     | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 18.96%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 197364   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 236019   | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.60% |

| Target Compounds    |      |    |       |            | Ovalue |
|---------------------|------|----|-------|------------|--------|
| 25) Chloroform      | 5.11 | 83 | 15405 | 0.139 ug/L | 93     |
| 34) Trichloroethene | 6.55 | 95 | 4240  | 0.073 ug/L | 96     |

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

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