

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\  
 Data File : VU040145.D  
 Acq On : 16 Sep 2020 14:06  
 Operator : SY/MD  
 Sample : L4041-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AA2

Quant Time: Sep 17 01:24:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 17 01:09:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 124798   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 124443   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 53323    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 28300    | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 26221    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 47387    | 2.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 54.20%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 105908   | 38.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 77.72%  |
| 24) Chloroform-d               | 5.08   | 84    | 60602    | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 76.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 38703    | 3.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.80%  |
| 32) Benzene-d6                 | 5.74   | 84    | 111702   | 3.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 76.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 35501    | 3.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 74.20%  |
| 41) Toluene-d8                 | 7.90   | 98    | 87365    | 3.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 66.60%# |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 14915    | 3.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 67.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 74253    | 35.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 71.26%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 32449    | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 78.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 34454    | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 79.80%# |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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