

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\  
 Data File : VU040419.D  
 Acq On : 01 Oct 2020 13:03  
 Operator : SY/MD  
 Sample : L4188-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Oct 02 04:23:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR092920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 02 03:13:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 122904   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 128082   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 54709    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 28187    | 4.63     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 92.60%   |
| 7) Chloroethane-d5             | 1.92   | 69    | 29440    | 5.53     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 110.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 48410    | 3.31     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.20%   |
| 20) 2-Butanone-d5              | 4.66   | 46    | 181438   | 60.03    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 120.06%  |
| 24) Chloroform-d               | 5.08   | 84    | 77000    | 5.32     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 49392    | 5.60     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 112.00%  |
| 32) Benzene-d6                 | 5.74   | 84    | 134749   | 5.23     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 50415    | 5.35     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 107.00%  |
| 41) Toluene-d8                 | 7.91   | 98    | 103224   | 4.61     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.20%   |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 19036    | 4.95     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 99.00%   |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 123855   | 54.78    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 109.56%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 49054    | 5.35     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 107.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 50667    | 6.11     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 122.20%# |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.07 | 84 | 1862 | 0.158 ug/L | 85     |
| 25) Chloroform         | 5.11 | 83 | 4446 | 0.219 ug/L | 96     |

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

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