

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\  
 Data File : VU036098.D  
 Acq On : 10 Dec 2019 22:01  
 Operator : JC/MD  
 Sample : VU1210WBL02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK25

Quant Time: Dec 11 08:17:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Dec 11 07:30:58 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 293856   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 324975   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 107797   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 151054   | 5.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 115.40% |
| 7) Chloroethane-d5             | 1.93   | 69    | 135631   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 155644   | 3.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.00%  |
| 20) 2-Butanone-d5              | 4.70   | 46    | 278954   | 62.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 125.00% |
| 24) Chloroform-d               | 5.12   | 84    | 217631   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.40% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 117320   | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.60% |
| 32) Benzene-d6                 | 5.77   | 84    | 432326   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.20% |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 139283   | 5.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 112.20% |
| 41) Toluene-d8                 | 7.94   | 98    | 348183   | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.80%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 49710    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.20%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 223587   | 59.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 119.54% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 117693   | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 118769   | 5.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 114.60% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 2.68 | 43 | 10723 | 1.893 ug/L | 95     |
| 16) Methylene chloride | 3.09 | 84 | 10494 | 0.353 ug/L | 90     |

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

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