

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101520\  
 Data File : VU040713.D  
 Acq On : 15 Oct 2020 12:26  
 Operator : SY/MD  
 Sample : L4401-09  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG191

Quant Time: Oct 16 04:46:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 16 04:23:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 124718   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 132881   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 57351    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 41085    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.40%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 36880    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 65581    | 3.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.00%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 166389   | 50.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.62% |
| 24) Chloroform-d               | 5.08   | 84    | 88199    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 53976    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.80%  |
| 32) Benzene-d6                 | 5.74   | 84    | 157522   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 53148    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.40%  |
| 41) Toluene-d8                 | 7.91   | 98    | 125078   | 3.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.00%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 20752    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.40%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 112833   | 43.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.88%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 48058    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 54195    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.00% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 3) Chloromethane | 1.53 | 50 | 5667  | 0.536 ug/L | 98     |
| 13) Acetone      | 2.66 | 43 | 23680 | 9.238 ug/L | 93     |

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

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