

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\  
 Data File : VU041744.D  
 Acq On : 22 Dec 2020 16:18  
 Operator : SY/MD  
 Sample : VU1222WBL02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK11

Quant Time: Dec 23 05:17:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Dec 23 05:08:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 132931   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 132483   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 60269    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 46654    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 45977    | 5.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 114.40% |
| 11) 1,1-Dichloroethene-d2      | 2.57   | 63    | 69121    | 3.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.20%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 156293   | 52.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.72% |
| 24) Chloroform-d               | 5.08   | 84    | 89563    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.60% |
| 26) 1,2-Dichloroethane-d4      | 5.71   | 65    | 52837    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.60% |
| 32) Benzene-d6                 | 5.74   | 84    | 174306   | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 56046    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.20%  |
| 41) Toluene-d8                 | 7.90   | 98    | 144692   | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.60%  |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 22413    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 139429   | 47.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.38%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 52819    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 53950    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.60% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.06 | 84 | 2126 | 0.197 ug/L | 93     |

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

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