

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\  
 Data File : VU041162.D  
 Acq On : 10 Nov 2020 00:16  
 Operator : SY/MD  
 Sample : L4673-14MS  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB0T3

Quant Time: Nov 10 05:49:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Nov 10 04:18:40 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 57389    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 58961    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 26042    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 15575    | 3.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 64.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 14975    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 80.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 38605    | 4.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 81.60%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 90210    | 56.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.64% |
| 24) Chloroform-d               | 5.08   | 84    | 42570    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 26605    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.60% |
| 32) Benzene-d6                 | 5.74   | 84    | 70664    | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 25753    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.20% |
| 41) Toluene-d8                 | 7.91   | 98    | 58837    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.40%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 10096    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 69291    | 57.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 115.66% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 24317    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 102.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 25958    | 5.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 113.60% |

## Target Compounds

|                              |      |     |       |            | Ovalue |
|------------------------------|------|-----|-------|------------|--------|
| 5) Vinyl chloride            | 1.61 | 62  | 2705  | 0.502 ug/L | 91     |
| 12) 1,1-Dichloroethene       | 2.59 | 96  | 20678 | 5.101 ug/L | 87     |
| 18) trans-1,2-Dichloroethene | 3.37 | 96  | 1086  | 0.264 ug/L | 88     |
| 22) cis-1,2-Dichloroethene   | 4.69 | 96  | 28489 | 6.704 ug/L | 97     |
| 33) Benzene                  | 5.79 | 78  | 93637 | 5.315 ug/L | 100    |
| 34) Trichloroethene          | 6.55 | 95  | 33296 | 7.426 ug/L | 96     |
| 42) Toluene                  | 7.98 | 91  | 91052 | 5.097 ug/L | 99     |
| 51) Chlorobenzene            | 9.45 | 112 | 60781 | 5.366 ug/L | 99     |

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

