

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070920\  
 Data File : VU039398.D  
 Acq On : 09 Jul 2020 16:25  
 Operator : SY/MD  
 Sample : L3231-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4284

Quant Time: Jul 10 09:51:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 10 00:19:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 95659    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 87790    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 42814    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 26760    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 28238    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 41712    | 3.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.40%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 158204   | 62.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 124.72% |
| 24) Chloroform-d               | 5.09   | 84    | 61795    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.60% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 43548    | 5.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 117.60% |
| 32) Benzene-d6                 | 5.74   | 84    | 128058   | 6.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 121.20% |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 45156    | 6.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 121.60% |
| 41) Toluene-d8                 | 7.91   | 98    | 109335   | 5.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 119.40% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 17691    | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 108.00% |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 115350   | 59.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 118.60% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 41350    | 5.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 112.40% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 44636    | 5.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 116.80% |

## Target Compounds

|                              |      |    |        |         | Ovalue   |
|------------------------------|------|----|--------|---------|----------|
| 5) Vinyl chloride            | 1.61 | 62 | 75903  | 9.731   | ug/L 100 |
| 17) Methyl tert-butyl Ether  | 3.38 | 73 | 117459 | 6.552   | ug/L 99  |
| 18) trans-1,2-Dichloroethene | 3.38 | 96 | 45740  | 7.262   | ug/L 96  |
| 19) 1,1-Dichloroethane       | 3.90 | 63 | 6721   | 0.545   | ug/L 99  |
| 22) cis-1,2-Dichloroethene   | 4.69 | 96 | 839351 | 118.853 | ug/L 97  |
| 33) Benzene                  | 5.79 | 78 | 18353  | 0.699   | ug/L 100 |
| 34) Trichloroethene          | 6.56 | 95 | 38590  | 5.687   | ug/L 98  |

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

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