

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\  
 Data File : VU039305.D  
 Acq On : 06 Jul 2020 20:38  
 Operator : SY/MD  
 Sample : L3193-17  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4287

Quant Time: Jul 07 03:53:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jul 07 01:17:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 113658   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 105941   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 50460    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 43569    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 38345    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 62761    | 3.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.20%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 158708   | 48.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.36%  |
| 24) Chloroform-d               | 5.09   | 84    | 85617    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.40% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 50526    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.60%  |
| 32) Benzene-d6                 | 5.75   | 84    | 169071   | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.00% |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 56425    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.20% |
| 41) Toluene-d8                 | 7.91   | 98    | 150919   | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.60% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 22548    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 122931   | 46.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.12%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 49106    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 57836    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.60% |

## Target Compounds

|                              |      |    |        |        | Ovalue    |
|------------------------------|------|----|--------|--------|-----------|
| 5) Vinyl chloride            | 1.61 | 62 | 118028 | 13.938 | ug/L # 56 |
| 17) Methyl tert-butyl Ether  | 3.39 | 73 | 7722   | 0.365  | ug/L 94   |
| 18) trans-1,2-Dichloroethene | 3.38 | 96 | 24811  | 3.544  | ug/L 96   |
| 19) 1,1-Dichloroethane       | 3.90 | 63 | 1865   | 0.133  | ug/L 92   |
| 22) cis-1,2-Dichloroethene   | 4.69 | 96 | 105445 | 13.220 | ug/L 99   |
| 34) Trichloroethene          | 6.56 | 95 | 1705   | 0.221  | ug/L 93   |

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

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