

Data File : VU039869.D  
Acq On : 14 Aug 2020 19:20  
Operator : SY/MD  
Sample : L3517-10  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
F4M12

Quant Time: Aug 17 05:52:12 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR080320WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Mon Aug 17 05:23:17 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 73731    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 70912    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 34688    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 17918    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 19094    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 88.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 25916    | 3.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.60%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 88069    | 50.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.58% |
| 24) Chloroform-d               | 5.08   | 84    | 44556    | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 26826    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.60%  |
| 32) Benzene-d6                 | 5.74   | 84    | 81467    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 28260    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.80%  |
| 41) Toluene-d8                 | 7.91   | 98    | 65064    | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.00%  |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 10528    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 95.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 65822    | 54.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 109.82% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 26386    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 94.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 30967    | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.40% |

#### Target Compounds

|                              |      |    |        |              | Qvalue |
|------------------------------|------|----|--------|--------------|--------|
| 5) Vinyl chloride            | 1.61 | 62 | 186187 | 31.058 ug/L  | 95     |
| 18) trans-1,2-Dichloroethene | 3.37 | 96 | 45843  | 9.362 ug/L   | 92     |
| 22) cis-1,2-Dichloroethene   | 4.69 | 96 | 12888  | 2.420 ug/L   | 90     |
| 34) Trichloroethene          | 6.55 | 95 | 1257   | 0.251 ug/L # | 69     |

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

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