

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012020\  
 Data File : VV014350.D  
 Acq On : 20 Jan 2020 12:20  
 Operator : SY/MD  
 Sample : L1169-01DL 5X  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF758DL

Quant Time: Jan 20 14:33:27 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR010220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jan 20 14:21:01 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 981738   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 881603   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 409284   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 248614   | 3.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 72.40%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 201107   | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 75.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 293042   | 2.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.80%# |
| 20) 2-Butanone-d5              | 3.92   | 46    | 557661   | 33.80    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 67.60%  |
| 24) Chloroform-d               | 4.40   | 84    | 448058   | 3.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 67.40%# |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 227818   | 3.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 68.40%# |
| 32) Benzene-d6                 | 5.09   | 84    | 992176   | 3.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 75.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 307598   | 3.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 75.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 870136   | 3.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 72.40%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 115386   | 3.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 64.00%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 489647   | 32.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 64.10%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25  | 84    | 198493   | 3.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 69.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 279224   | 3.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 72.60%# |

## Target Compounds

| Target Compounds             | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|------------------------------|-------|------|----------|--------|--------|--------|
| 5) Vinyl chloride            | 1.32  | 62   | 53653    | 0.781  | ug/L   | 90     |
| 13) Acetone                  | 2.19  | 43   | 27824    | 2.449  | ug/L   | 96     |
| 16) Methylene chloride       | 2.54  | 84   | 25088    | 0.351  | ug/L   | 89     |
| 17) Methyl tert-butyl Ether  | 2.80  | 73   | 28127    | 0.173  | ug/L   | 96     |
| 18) trans-1,2-Dichloroethene | 2.79  | 96   | 102644   | 1.557  | ug/L   | 92     |
| 19) 1,1-Dichloroethane       | 3.23  | 63   | 76022    | 0.588  | ug/L   | 98     |
| 22) cis-1,2-Dichloroethene   | 3.96  | 96   | 732145   | 10.130 | ug/L # | 96     |
| 25) Chloroform               | 4.42  | 83   | 19982    | 0.162  | ug/L   | 91     |
| 33) Benzene                  | 5.15  | 78   | 61001    | 0.225  | ug/L   | 100    |
| 51) Chlorobenzene            | 8.92  | 112  | 96837    | 0.549  | ug/L   | 98     |
| 62) 1,3-Dichlorobenzene      | 11.22 | 146  | 156963   | 1.227  | ug/L   | 99     |
| 63) 1,4-Dichlorobenzene      | 11.31 | 146  | 792814   | 6.231  | ug/L   | 99     |
| 65) 1,2-Dichlorobenzene      | 11.68 | 146  | 25493    | 0.221  | ug/L   | 96     |

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

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