

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081420\  
 Data File : VX017902.D  
 Acq On : 14 Aug 2020 16:07  
 Operator : JC/SP  
 Sample : L3697-07  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG0N4

Quant Time: Aug 17 03:42:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR080720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Aug 17 01:26:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 278453   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 262398   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 114742   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 95201    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.00%  |
| 7) Chloroethane-d5             | 1.69   | 69    | 80359    | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 105.20% |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 142505   | 3.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.00%  |
| 20) 2-Butanone-d5              | 4.53   | 46    | 263397   | 51.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 103.10% |
| 24) Chloroform-d               | 5.15   | 84    | 173169   | 4.43     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.60%  |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 105065   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.00%  |
| 32) Benzene-d6                 | 6.05   | 84    | 360742   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.20% |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 110660   | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.40%  |
| 41) Toluene-d8                 | 8.70   | 98    | 321114   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.60%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 45366    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.00%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 198415   | 49.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.00%  |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 80480    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.00%  |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 128698   | 5.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 116.60% |

## Target Compounds

| Target Compounds            | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-----------------------------|-------|------|----------|-------|-------|--------|
| 8) Chloroethane             | 1.72  | 64   | 29497    | 2.011 | ug/L  | 97     |
| 17) Methyl tert-butyl Ether | 3.17  | 73   | 12198    | 0.213 | ug/L  | # 86   |
| 19) 1,1-Dichloroethane      | 3.67  | 63   | 42371    | 0.981 | ug/L  | 98     |
| 25) Chloroform              | 5.18  | 83   | 26124    | 0.562 | ug/L  | 88     |
| 42) Toluene                 | 8.76  | 91   | 13930    | 0.138 | ug/L  | 85     |
| 49) Tetrachloroethene       | 9.32  | 164  | 2394     | 0.110 | ug/L  | 83     |
| 64) 1,4-Dichlorobenzene     | 12.08 | 146  | 6275     | 0.141 | ug/L  | 86     |

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

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