

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081020\  
 Data File : VX017850.D  
 Acq On : 10 Aug 2020 15:14  
 Operator : JC/SP  
 Sample : L3675-07  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GAYA3

Quant Time: Aug 11 08:05:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR080720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Aug 11 07:12:14 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 178590   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 167504   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 69697    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 48876    | 3.96     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.20%   |
| 7) Chloroethane-d5             | 1.69   | 69    | 46167    | 4.71     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.20%   |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 72590    | 2.86     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.20%#  |
| 20) 2-Butanone-d5              | 4.54   | 46    | 329538   | 100.55   | ug/L | 0.01     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 201.10%# |
| 24) Chloroform-d               | 5.14   | 84    | 124631   | 4.97     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.40%   |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 87825    | 6.38     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 127.60%  |
| 32) Benzene-d6                 | 6.05   | 84    | 218034   | 4.74     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.80%   |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 76364    | 5.37     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 107.40%  |
| 41) Toluene-d8                 | 8.70   | 98    | 174577   | 3.99     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.80%   |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 32731    | 5.32     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 106.40%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 237367   | 92.77    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 185.54%# |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 73202    | 6.77     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 135.40%# |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 77108    | 5.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 115.00%  |

## Target Compounds

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 13) Acetone                | 2.42  | 43   | 31507    | 13.158 | ug/L   | 92     |
| 14) Carbon disulfide       | 2.55  | 76   | 3486     | 0.071  | ug/L # | 76     |
| 16) Methylene chloride     | 2.83  | 84   | 8071     | 0.427  | ug/L   | 92     |
| 21) 2-Butanone             | 4.66  | 43   | 8207     | 1.985  | ug/L   | 78     |
| 25) Chloroform             | 5.18  | 83   | 7833     | 0.263  | ug/L   | 85     |
| 33) Benzene                | 6.11  | 78   | 12204    | 0.206  | ug/L   | 100    |
| 42) Toluene                | 8.77  | 91   | 12934    | 0.201  | ug/L   | 91     |
| 69) 1,2,4-trichlorobenzene | 13.62 | 180  | 2619     | 0.148  | ug/L   | 90     |

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

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