

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO081320\  
 Data File : VX017876.D  
 Acq On : 13 Aug 2020 15:34  
 Operator : JC/SP  
 Sample : L3643-11  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG0B7

Quant Time: Aug 14 08:16:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR080720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 14 07:35:30 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 292586   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 294764   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 129644   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 100762   | 4.98     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.60% |
| 7) Chloroethane-d5             | 1.70   | 69    | 77318    | 4.82     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.40% |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 144689   | 3.48     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.60% |
| 20) 2-Butanone-d5              | 4.53   | 46    | 222281   | 41.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 82.80% |
| 24) Chloroform-d               | 5.14   | 84    | 170805   | 4.16     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.20% |
| 26) 1,2-Dichloroethane-d4      | 6.04   | 65    | 99195    | 4.40     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.00% |
| 32) Benzene-d6                 | 6.05   | 84    | 343691   | 4.25     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.00% |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 107805   | 4.31     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 86.20% |
| 41) Toluene-d8                 | 8.70   | 98    | 308161   | 4.00     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.00% |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 42500    | 3.92     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.40% |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 175217   | 38.92    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 77.84% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 75416    | 3.97     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 79.40% |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 117460   | 4.71     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 94.20% |

| Target Compounds         |      |     |        |            | Ovalue |
|--------------------------|------|-----|--------|------------|--------|
| 25) Chloroform           | 5.18 | 83  | 26916  | 0.551 ug/L | 98     |
| 38) Bromodichloromethane | 7.88 | 83  | 10639  | 0.291 ug/L | 80     |
| 42) Toluene              | 8.76 | 91  | 204681 | 1.807 ug/L | 98     |
| 51) Dibromochloromethane | 9.56 | 129 | 3986   | 0.147 ug/L | 97     |

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

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