

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO093020\  
 Data File : VX018710.D  
 Acq On : 30 Sep 2020 20:25  
 Operator : JC/SP  
 Sample : L4171-07  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG3Z3

Quant Time: Oct 01 05:16:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR092820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 01 01:06:26 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 187289   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 185729   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 81225    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 38826    | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.20%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 34585    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 83.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 71977    | 3.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.40%  |
| 20) 2-Butanone-d5              | 4.56   | 46    | 147688   | 59.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 118.20% |
| 24) Chloroform-d               | 5.14   | 84    | 117273   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.00% |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 67388    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.60%  |
| 32) Benzene-d6                 | 6.05   | 84    | 194792   | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.00%  |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 61304    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.80%  |
| 41) Toluene-d8                 | 8.70   | 98    | 165130   | 3.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.40%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 24988    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.00%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 105035   | 50.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 100.96% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 51393    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.60% |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 67763    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.20% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 42) Toluene      | 8.77 | 91 | 4245 | 0.110 ug/L | 79     |

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

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