

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092920\  
 Data File : VX018662.D  
 Acq On : 29 Sep 2020 17:03  
 Operator : JC/SP  
 Sample : L4143-07  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG0H1

Quant Time: Sep 30 06:42:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR092820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Sep 30 04:47:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 225647   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 219234   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 101631   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 58192    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.60%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 50105    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.60% |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 107460   | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 82.40%  |
| 20) 2-Butanone-d5              | 4.56   | 46    | 171611   | 57.00    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 114.00% |
| 24) Chloroform-d               | 5.14   | 84    | 143358   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.40% |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 82619    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.40% |
| 32) Benzene-d6                 | 6.05   | 84    | 268704   | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.20% |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 81594    | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.80% |
| 41) Toluene-d8                 | 8.70   | 98    | 240740   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 32335    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.20%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 133465   | 54.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 108.68% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 62107    | 5.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 108.20% |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 90779    | 5.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.40% |

## Target Compounds

|                       |       |     |        |            | Ovalue |
|-----------------------|-------|-----|--------|------------|--------|
| 33) Benzene           | 6.11  | 78  | 5286   | 0.125 ug/L | 100    |
| 34) Trichloroethene   | 7.20  | 95  | 3330   | 0.272 ug/L | 79     |
| 42) Toluene           | 8.77  | 91  | 220049 | 4.820 ug/L | 95     |
| 49) Tetrachloroethene | 9.32  | 164 | 1671   | 0.174 ug/L | 82     |
| 54) Ethylbenzene      | 10.24 | 91  | 28230  | 0.568 ug/L | 98     |
| 55) m,p-xylene        | 10.34 | 106 | 33037  | 1.737 ug/L | 99     |
| 56) o-xylene          | 10.68 | 106 | 15607  | 0.869 ug/L | 88     |

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

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