

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100720\  
 Data File : VX018815.D  
 Acq On : 07 Oct 2020 16:49  
 Operator : JC/SP  
 Sample : L4240-04 10X  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG3R2

Quant Time: Oct 08 02:04:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR100220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 08 01:16:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 129338   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 126147   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 60175    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 35100    | 4.64     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 92.80%   |
| 7) Chloroethane-d5             | 1.70   | 69    | 32964    | 5.58     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 111.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 61909    | 3.63     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.60%   |
| 20) 2-Butanone-d5              | 4.55   | 46    | 140800   | 71.05    | ug/L | -0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 142.10%# |
| 24) Chloroform-d               | 5.13   | 84    | 96606    | 5.28     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.60%  |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 57284    | 5.13     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.60%  |
| 32) Benzene-d6                 | 6.05   | 84    | 169244   | 5.40     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.00%  |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 52729    | 5.82     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 116.40%  |
| 41) Toluene-d8                 | 8.70   | 98    | 143642   | 4.65     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.00%   |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 23090    | 4.73     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.60%   |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 105727   | 64.70    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 129.40%  |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 43606    | 5.92     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 118.40%  |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 61456    | 5.54     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.80%  |

## Target Compounds

| Target Compounds        | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|-------------------------|-------|------|----------|--------|--------|--------|
| 16) Methylene chloride  | 2.84  | 84   | 4858     | 0.622  | ug/L   | 86     |
| 30) Cyclohexane         | 5.54  | 56   | 9560     | 0.924  | ug/L   | 96     |
| 33) Benzene             | 6.11  | 78   | 9836     | 0.372  | ug/L   | 100    |
| 53) Chlorobenzene       | 10.12 | 112  | 676201   | 34.200 | ug/L   | 94     |
| 54) Ethylbenzene        | 10.23 | 91   | 22425    | 0.692  | ug/L   | 92     |
| 55) m,p-xylene          | 10.34 | 106  | 7937     | 0.628  | ug/L   | 86     |
| 58) Isopropylbenzene    | 11.01 | 105  | 4777     | 0.146  | ug/L # | 91     |
| 63) 1,3-Dichlorobenzene | 12.01 | 146  | 14800    | 1.012  | ug/L   | 96     |
| 64) 1,4-Dichlorobenzene | 12.08 | 146  | 20189    | 1.384  | ug/L   | 96     |
| 66) 1,2-Dichlorobenzene | 12.38 | 146  | 2596     | 0.190  | ug/L   | 87     |

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

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