

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\  
 Data File : VX018752.D  
 Acq On : 02 Oct 2020 17:04  
 Operator : JC/SP  
 Sample : L4171-13DL 10X  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG3W0DL

Quant Time: Oct 03 06:52:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR100220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 02 14:11:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.84  | 114  | 191033   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 183017   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 102893   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 52397    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.80%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 43281    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 100339   | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 79.80%  |
| 20) 2-Butanone-d5              | 4.56   | 46    | 155497   | 53.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.24% |
| 24) Chloroform-d               | 5.14   | 84    | 131468   | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.40%  |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 81420    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.80%  |
| 32) Benzene-d6                 | 6.05   | 84    | 230857   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.60% |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 67206    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.20% |
| 41) Toluene-d8                 | 8.70   | 98    | 222210   | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.20%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 34454    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.40%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 127783   | 53.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 107.80% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 52338    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.80%  |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 96500    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.60% |

## Target Compounds

|                            |       |     |        |        | Ovalue    |
|----------------------------|-------|-----|--------|--------|-----------|
| 13) Acetone                | 2.45  | 43  | 3224   | 2.017  | ug/L 98   |
| 14) Carbon disulfide       | 2.55  | 76  | 6015   | 0.202  | ug/L 99   |
| 19) 1,1-Dichloroethane     | 3.67  | 63  | 1936   | 0.107  | ug/L # 82 |
| 35) Methylcyclohexane      | 7.44  | 83  | 3098   | 0.193  | ug/L # 66 |
| 54) Ethylbenzene           | 10.24 | 91  | 5231   | 0.111  | ug/L 89   |
| 58) Isopropylbenzene       | 11.00 | 105 | 37238  | 0.785  | ug/L 99   |
| 69) 1,2,4-trichlorobenzene | 13.63 | 180 | 276767 | 17.318 | ug/L 99   |
| 71) 1,2,3-Trichlorobenzene | 14.00 | 180 | 61930  | 4.307  | ug/L # 90 |

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

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