

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100520\  
 Data File : VX018772.D  
 Acq On : 05 Oct 2020 17:54  
 Operator : JC/SP  
 Sample : L4239-03DL 100X  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 06 03:13:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR100220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 06 02:55:01 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 150152   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 143222   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 72179    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 41738    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 95.20%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 35714    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.00% |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 72888    | 3.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.60%  |
| 20) 2-Butanone-d5              | 4.56   | 46    | 141338   | 61.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 122.86% |
| 24) Chloroform-d               | 5.14   | 84    | 100946   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 58305    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.00%  |
| 32) Benzene-d6                 | 6.04   | 84    | 191434   | 5.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.60% |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 58101    | 5.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 113.00% |
| 41) Toluene-d8                 | 8.70   | 98    | 171991   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.00%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 25791    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.20%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 114558   | 61.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 123.48% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 45863    | 5.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 109.60% |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 73602    | 5.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.60% |

## Target Compounds

| Target Compounds             | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|------------------------------|-------|------|----------|--------|--------|--------|
| 5) Vinyl chloride            | 1.39  | 62   | 3964     | 0.489  | ug/L # | 81     |
| 8) Chloroethane              | 1.71  | 64   | 719m     | 0.146  | ug/L   |        |
| 12) 1,1-Dichloroethene       | 2.36  | 96   | 3918     | 0.524  | ug/L # | 1      |
| 16) Methylene chloride       | 2.83  | 84   | 3974     | 0.438  | ug/L   | 93     |
| 18) trans-1,2-Dichloroethene | 3.14  | 96   | 1726     | 0.216  | ug/L # | 66     |
| 19) 1,1-Dichloroethane       | 3.67  | 63   | 45238    | 3.177  | ug/L   | 99     |
| 22) cis-1,2-Dichloroethene   | 4.56  | 96   | 179880   | 21.779 | ug/L # | 93     |
| 29) 1,1,1-Trichloroethane    | 5.46  | 97   | 299108   | 17.654 | ug/L   | 99     |
| 30) Cyclohexane              | 5.55  | 56   | 15513    | 1.320  | ug/L   | 96     |
| 42) Toluene                  | 8.76  | 91   | 2059424  | 62.752 | ug/L   | 97     |
| 53) Chlorobenzene            | 10.12 | 112  | 6389     | 0.285  | ug/L   | 92     |
| 54) Ethylbenzene             | 10.23 | 91   | 163762   | 4.451  | ug/L   | 96     |
| 55) m,p-xylene               | 10.34 | 106  | 257169   | 17.921 | ug/L   | 100    |
| 56) o-xylene                 | 10.68 | 106  | 123076   | 9.281  | ug/L   | 97     |
| 58) Isopropylbenzene         | 11.00 | 105  | 42635    | 1.148  | ug/L   | 98     |
| 63) 1,3-Dichlorobenzene      | 12.01 | 146  | 1437     | 0.082  | ug/L   | 87     |
| 64) 1,4-Dichlorobenzene      | 12.08 | 146  | 1852     | 0.106  | ug/L   | 92     |

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QLast Update : Tue Oct 06 02:55:01 2020  
Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon  | Response | Conc  | Units  | Dev(Min) |
|-------------------------|-------|-------|----------|-------|--------|----------|
| -----                   | ----- | ----- | -----    | ----- | -----  | -----    |
| 66) 1,2-Dichlorobenzene | 12.38 | 146   | 8176     | 0.499 | ug/L # | 82       |
| -----                   | ----- | ----- | -----    | ----- | -----  | -----    |

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

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