

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062122\  
 Data File : VX029680.D  
 Acq On : 21 Jun 2022 22:23  
 Operator : JC/MD  
 Sample : N3286-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6S

Quant Time: Jun 22 01:14:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 20 01:31:01 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 406350   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 694215   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 645426   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 325419   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 258346   | 48.029   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 96.060%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 231467   | 51.163   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.320% |
| 50) Toluene-d8              | 8.653  | 98    | 846916   | 51.243   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 102.480% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 319793   | 51.309   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 102.620% |

|                               |        |     |      |        |        |    |
|-------------------------------|--------|-----|------|--------|--------|----|
| Target Compounds              |        |     |      | Qvalue |        |    |
| 4) Vinyl Chloride             | 1.374  | 62  | 181  | 0.037  | ug/l # | 1  |
| 5) Bromomethane               | 1.611  | 94  | 478  | 0.192  | ug/l   | 87 |
| 7) Trichlorofluoromethane     | 1.892  | 101 | 25   | 0.004  | ug/l # | 19 |
| 9) 1,1,2-Trichlorotrifluo...  | 2.331  | 101 | 154  | 0.036  | ug/l # | 65 |
| 17) Carbon Disulfide          | 2.520  | 76  | 3330 | 0.312  | ug/l   | 95 |
| 19) Methyl tert-butyl Ether   | 3.123  | 73  | 721  | 0.050  | ug/l # | 1  |
| 20) Methylene Chloride        | 2.794  | 84  | 728  | 0.152  | ug/l # | 27 |
| 23) Vinyl Acetate             | 3.733  | 43  | 18   | 0.002  | ug/l # | 66 |
| 24) 1,1-Dichloroethane        | 3.611  | 63  | 821  | 0.104  | ug/l # | 81 |
| 25) 2-Butanone                | 4.587  | 43  | 656  | 0.194  | ug/l # | 84 |
| 27) cis-1,2-Dichloroethene    | 4.489  | 96  | 395  | 0.075  | ug/l # | 37 |
| 29) Tetrahydrofuran           | 5.026  | 42  | 75   | 0.033  | ug/l # | 25 |
| 30) Chloroform                | 5.172  | 83  | 957  | 0.114  | ug/l # | 17 |
| 31) Cyclohexane               | 5.477  | 56  | 3361 | 0.465  | ug/l # | 87 |
| 32) 1,1,1-Trichloroethane     | 5.562  | 97  | 24   | 0.003  | ug/l # | 1  |
| 37) Ethyl Acetate             | 4.763  | 43  | 50   | 0.008  | ug/l # | 65 |
| 39) Methylcyclohexane         | 7.367  | 83  | 891  | 0.117  | ug/l # | 7  |
| 40) Benzene                   | 6.044  | 78  | 7328 | 0.404  | ug/l   | 99 |
| 41) Methacrylonitrile         | 4.934  | 41  | 56   | 0.017  | ug/l # | 24 |
| 42) 1,2-Dichloroethane        | 6.086  | 62  | 517  | 0.083  | ug/l # | 73 |
| 43) Isopropyl Acetate         | 6.367  | 43  | 642  | 0.066  | ug/l # | 56 |
| 47) Bromodichloromethane      | 7.879  | 83  | 61   | 0.010  | ug/l # | 24 |
| 48) Methyl methacrylate       | 7.665  | 41  | 58   | 0.012  | ug/l # | 30 |
| 51) 4-Methyl-2-Pentanone      | 8.586  | 43  | 173  | 0.028  | ug/l # | 31 |
| 52) Toluene                   | 8.720  | 92  | 630  | 0.054  | ug/l   | 98 |
| 55) 1,1,2-Trichloroethane     | 9.104  | 97  | 850  | 0.181  | ug/l # | 16 |
| 56) Ethyl methacrylate        | 9.098  | 69  | 127  | 0.018  | ug/l # | 1  |
| 58) 2-Chloroethyl Vinyl ether | 8.104  | 63  | 22   | 0.007  | ug/l # | 45 |
| 59) 2-Hexanone                | 9.567  | 43  | 170  | 0.036  | ug/l   | 85 |
| 60) Dibromochloromethane      | 9.275  | 129 | 46   | 0.010  | ug/l # | 9  |
| 64) Tetrachloroethene         | 9.275  | 164 | 105  | 0.022  | ug/l # | 69 |
| 65) Chlorobenzene             | 10.067 | 112 | 38   | 0.003  | ug/l # | 42 |
| 67) Ethyl Benzene             | 10.201 | 91  | 5822 | 0.256  | ug/l   | 93 |
| 68) m/p-Xylenes               | 10.305 | 106 | 2757 | 0.310  | ug/l   | 97 |
| 69) o-Xylene                  | 10.646 | 106 | 669  | 0.076  | ug/l   | 89 |
| 70) Styrene                   | 10.665 | 104 | 23   | 0.002  | ug/l # | 26 |

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6S

Quant Time: Jun 22 01:14:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 20 01:31:01 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 73) Isopropylbenzene          | 10.963 | 105  | 4654     | 0.191 | ug/l   | 92       |
| 74) N-amyl acetate            | 10.848 | 43   | 111      | 0.013 | ug/l # | 1        |
| 75) 1,1,2,2-Tetrachloroethane | 11.220 | 83   | 49       | 0.006 | ug/l # | 25       |
| 77) Bromobenzene              | 11.079 | 156  | 24       | 0.004 | ug/l # | 1        |
| 78) n-propylbenzene           | 11.305 | 91   | 1019     | 0.037 | ug/l   | 88       |
| 79) 2-Chlorotoluene           | 11.384 | 91   | 347      | 0.020 | ug/l # | 40       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 1116     | 0.054 | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 11.463 | 91   | 220      | 0.011 | ug/l # | 45       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 2368     | 0.118 | ug/l   | 84       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 4068     | 0.198 | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 3712     | 0.149 | ug/l # | 75       |
| 86) p-Isopropyltoluene        | 12.177 | 119  | 2269     | 0.109 | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 12.024 | 146  | 201      | 0.019 | ug/l # | 1        |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 201      | 0.019 | ug/l # | 1        |
| 89) n-Butylbenzene            | 12.317 | 91   | 861      | 0.049 | ug/l # | 5        |
| 95) Naphthalene               | 13.774 | 128  | 2279     | 0.100 | ug/l # | 92       |
| -----                         |        |      |          |       |        |          |

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

