

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070221\  
 Data File : VX023132.D  
 Acq On : 03 Jul 2021 00:59  
 Operator : JC/MD  
 Sample : M2907-03MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-13B-063021MSD

Manual Integrations  
 APPROVED

SAM  
 7/6/2021 1:52:46 PM

Quant Time: Jul 05 03:01:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 02 14:29:42 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.562          | 168  | 274292              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769          | 114  | 452974              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 427500              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 211778              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964          | 65   | 187235              | 50.790  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 101.580% |         |        |          |
| 35) Dibromofluoromethane     | 5.397          | 113  | 142615              | 48.755  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 97.520%  |         |        |          |
| 50) Toluene-d8               | 8.653          | 98   | 536582              | 49.176  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 98.360%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.085         | 95   | 209791              | 49.803  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 99.600%  |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.172          | 85   | 138193              | 55.603  | ug/l   | 99       |
| 3) Chloromethane             | 1.294          | 50   | 127522              | 51.860  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.373          | 62   | 142136              | 54.566  | ug/l   | 98       |
| 5) Bromomethane              | 1.599          | 94   | 63879               | 47.609  | ug/l   | 99       |
| 6) Chloroethane              | 1.678          | 64   | 89739               | 52.685  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.885          | 101  | 240991              | 53.235  | ug/l   | 97       |
| 8) Diethyl Ether             | 2.141          | 74   | 89228               | 53.403  | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.330          | 101  | 137917              | 52.060  | ug/l   | 95       |
| 10) Methyl Iodide            | 2.452          | 142  | 165561              | 50.895  | ug/l   | 93       |
| 11) Tert butyl alcohol       | 2.983          | 59   | 197615              | 254.809 | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.318          | 96   | 132490              | 54.187  | ug/l   | 95       |
| 13) Acrolein                 | 2.245          | 56   | 122592              | 237.382 | ug/l   | 99       |
| 14) Allyl chloride           | 2.666          | 41   | 229553              | 54.028  | ug/l   | 92       |
| 15) Acrylonitrile            | 3.074          | 53   | 414563              | 274.908 | ug/l   | 97       |
| 16) Acetone                  | 2.391          | 43   | 389734              | 267.219 | ug/l   | 92       |
| 17) Carbon Disulfide         | 2.513          | 76   | 281417              | 54.573  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.715          | 43   | 171129              | 48.336  | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 3.123          | 73   | 506328              | 55.369  | ug/l   | 100      |
| 20) Methylene Chloride       | 2.794          | 84   | 153606              | 48.917  | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 141277              | 53.500  | ug/l   | 96       |
| 22) Diisopropyl ether        | 3.769          | 45   | 489302              | 54.625  | ug/l   | 94       |
| 23) Vinyl Acetate            | 3.733          | 43   | 1902288             | 250.922 | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 3.617          | 63   | 274794              | 54.295  | ug/l   | 98       |
| 25) 2-Butanone               | 4.568          | 43   | 600693              | 273.128 | ug/l   | 94       |
| 26) 2,2-Dichloropropane      | 4.483          | 77   | 177736              | 41.841  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 4.495          | 96   | 173382              | 54.208  | ug/l   | 99       |
| 28) Bromochloromethane       | 4.909          | 49   | 122360              | 50.959  | ug/l   | 95       |
| 29) Tetrahydrofuran          | 5.019          | 42   | 384239              | 271.786 | ug/l   | 92       |
| 30) Chloroform               | 5.104          | 83   | 296156              | 54.170  | ug/l   | 100      |
| 31) Cyclohexane              | 5.476          | 56   | 230475              | 52.215  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.391          | 97   | 264812              | 55.615  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.702          | 75   | 202515              | 50.150  | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.726          | 43   | 210826              | 47.859  | ug/l   | 95       |
| 38) Carbon Tetrachloride     | 5.690          | 117  | 225835              | 53.578  | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.384          | 83   | 236056              | 49.981  | ug/l   | 97       |
| 40) Benzene                  | 6.049          | 78   | 607213              | 51.792  | ug/l   | 100      |

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 Sample : M2907-03MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-13B-063021MSD

Manual Integrations  
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SAM  
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Quant Time: Jul 05 03:01:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 02 14:29:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 129168   | 52.451   | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 6.098  | 62   | 247379   | 52.510   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 6.354  | 43   | 360585   | 49.212   | ug/l   | 93       |
| 44) Trichloroethene           | 7.135  | 130  | 164394   | 49.429   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.439  | 63   | 159471   | 52.105   | ug/l   | 98       |
| 46) Dibromomethane            | 7.586  | 93   | 114236   | 52.264   | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.830  | 83   | 216312   | 54.204   | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.701  | 41   | 186797   | 51.954   | ug/l   | 89       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 83800    | 1035.615 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.579  | 43   | 1212515  | 267.049  | ug/l   | 92       |
| 52) Toluene                   | 8.720  | 92   | 394672   | 52.015   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 228094   | 45.474   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 242547   | 46.343   | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 167611   | 52.605   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 266485   | 54.125   | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 274064   | 52.040   | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 937215   | 269.025  | ug/l   | 90       |
| 60) Dibromochloromethane      | 9.524  | 129  | 168486   | 47.522   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 174283   | 53.295   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.280  | 164  | 154285   | 45.249   | ug/l   | 95       |
| 65) Chlorobenzene             | 10.085 | 112  | 435660   | 51.553   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.164 | 131  | 165929   | 54.305   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 786645   | 52.657   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 605661   | 106.191  | ug/l   | 99       |
| 69) o-Xylene                  | 10.646 | 106  | 302177   | 52.570   | ug/l   | 100      |
| 70) Styrene                   | 10.658 | 104  | 499878   | 53.238   | ug/l   | 97       |
| 71) Bromoform                 | 10.805 | 173  | 116355   | 45.221   | ug/l   | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 788759   | 52.869   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.847 | 43   | 310820   | 49.096   | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 256096   | 54.028   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 231566m  | 54.337   | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 194338   | 52.172   | ug/l   | 97       |
| 78) n-propylbenzene           | 11.304 | 91   | 913084   | 52.927   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.365 | 91   | 562234   | 52.731   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 677415   | 52.734   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 66751    | 44.335   | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 646544   | 53.697   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.719 | 119  | 670163   | 54.964   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 682828   | 53.789   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 834772   | 53.209   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 698513   | 53.076   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.975 | 146  | 360676   | 51.564   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 368380   | 52.304   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 596944   | 51.780   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 107373   | 47.833   | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 360634   | 51.828   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.944 | 75   | 58483    | 50.280   | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 224492   | 52.375   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.731 | 225  | 90705    | 49.980   | ug/l   | 97       |
| 95) Naphthalene               | 13.780 | 128  | 792172   | 50.102   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 229620   | 53.265   | ug/l   | 99       |

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ALS Vial : 34 Sample Multiplier: 1

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SAM  
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Quant Time: Jul 05 03:01:52 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 02 14:29:42 2021  
Response via : Initial Calibration

| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

