

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072721\  
 Data File : VX023470.D  
 Acq On : 27 Jul 2021 12:28  
 Operator : JC/MD  
 Sample : VX0727WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 7/28/2021 8:57:56 PM

Quant Time: Jul 28 00:50:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 06:05:38 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 205223   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 326529   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 299315   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 139449   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.964  | 65    | 128094   | 50.037   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 100.080% |          |
| 35) Dibromofluoromethane     | 5.397  | 113   | 101599   | 49.764   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 99.520%  |          |
| 50) Toluene-d8               | 8.653  | 98    | 377559   | 50.335   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 100.680% |          |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 137605   | 53.950   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 107.900% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 35944    | 19.038   | ug/l       | 99       |
| 3) Chloromethane             | 1.295  | 50    | 41949    | 19.073   | ug/l       | 97       |
| 4) Vinyl Chloride            | 1.374  | 62    | 41058    | 18.442   | ug/l       | 98       |
| 5) Bromomethane              | 1.599  | 94    | 29223    | 22.109   | ug/l       | 97       |
| 6) Chloroethane              | 1.685  | 64    | 26058    | 19.071   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 65978    | 18.394   | ug/l       | 96       |
| 8) Diethyl Ether             | 2.136  | 74    | 25550    | 19.299   | ug/l       | 87       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 39860    | 19.615   | ug/l       | 98       |
| 10) Methyl Iodide            | 2.453  | 142   | 47517    | 18.663   | ug/l       | 97       |
| 11) Tert butyl alcohol       | 2.971  | 59    | 58158    | 99.449   | ug/l       | 99       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 36425    | 18.064   | ug/l       | 96       |
| 13) Acrolein                 | 2.239  | 56    | 30632    | 103.838  | ug/l       | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 65946    | 17.988   | ug/l       | 94       |
| 15) Acrylonitrile            | 3.069  | 53    | 130880   | 99.109   | ug/l       | 99       |
| 16) Acetone                  | 2.386  | 43    | 115667   | 92.108   | ug/l       | 93       |
| 17) Carbon Disulfide         | 2.508  | 76    | 80775    | 16.245   | ug/l       | 100      |
| 18) Methyl Acetate           | 2.709  | 43    | 58845    | 19.712   | ug/l       | 92       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 134359   | 19.163   | ug/l       | 100      |
| 20) Methylene Chloride       | 2.788  | 84    | 44243    | 18.112   | ug/l       | 90       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 39566    | 18.471   | ug/l       | 96       |
| 22) Diisopropyl ether        | 3.770  | 45    | 139478   | 19.273   | ug/l       | 97       |
| 23) Vinyl Acetate            | 3.727  | 43    | 621844   | 97.339   | ug/l       | 95       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 75153    | 18.894   | ug/l       | 98       |
| 25) 2-Butanone               | 4.562  | 43    | 189050   | 96.971   | ug/l       | 93       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 58589    | 18.009   | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 47554    | 19.116   | ug/l       | 100      |
| 28) Bromochloromethane       | 4.898  | 49    | 35664    | 19.212   | ug/l       | 95       |
| 29) Tetrahydrofuran          | 5.013  | 42    | 122101   | 95.549   | ug/l       | 90       |
| 30) Chloroform               | 5.099  | 83    | 77789    | 19.107   | ug/l       | 99       |
| 31) Cyclohexane              | 5.477  | 56    | 68177    | 17.978   | ug/l       | 95       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 64573    | 18.559   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 55770    | 18.881   | ug/l       | 99       |
| 37) Ethyl Acetate            | 4.727  | 43    | 72545    | 19.479   | ug/l       | 95       |
| 38) Carbon Tetrachloride     | 5.684  | 117   | 55429    | 18.452   | ug/l       | 97       |
| 39) Methylcyclohexane        | 7.385  | 83    | 70575    | 18.919   | ug/l       | 97       |
| 40) Benzene                  | 6.044  | 78    | 167492   | 19.125   | ug/l       | 96       |

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 Sample : VX0727WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

Manual Integrations  
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MMDadoda  
 7/28/2021 8:57:56 PM

Quant Time: Jul 28 00:50:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 06:05:38 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 38645    | 19.652  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 64378    | 19.881  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 111238   | 19.275  | ug/l   | 93       |
| 44) Trichloroethene           | 7.129  | 130  | 45265    | 18.813  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 44663    | 19.272  | ug/l   | 96       |
| 46) Dibromomethane            | 7.586  | 93   | 31458    | 20.012  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.824  | 83   | 54825    | 19.359  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 53055    | 19.850  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 23579    | 414.302 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 374091   | 105.980 | ug/l   | 90       |
| 52) Toluene                   | 8.720  | 92   | 107813   | 19.870  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 61295    | 18.261  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 67434    | 19.100  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 45997    | 20.935  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 71291    | 20.242  | ug/l # | 85       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 76176    | 20.404  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.245  | 63   | 183508   | 98.359  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 285719   | 106.593 | ug/l   | 88       |
| 60) Dibromochloromethane      | 9.525  | 129  | 41979    | 18.538  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 49261    | 21.015  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.275  | 164  | 45202    | 18.975  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.080 | 112  | 118605   | 19.360  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 42094    | 18.507  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 204051   | 19.205  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 157543   | 38.554  | ug/l   | 98       |
| 69) o-Xylene                  | 10.647 | 106  | 77117    | 19.035  | ug/l   | 98       |
| 70) Styrene                   | 10.659 | 104  | 126607   | 19.724  | ug/l   | 99       |
| 71) Bromoform                 | 10.805 | 173  | 29458    | 18.362  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 201209   | 19.122  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 91823    | 19.128  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 69153    | 20.175  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 64328m   | 20.963  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 49792    | 19.616  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 228605   | 19.196  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 138301   | 19.435  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 168045   | 19.610  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 19993    | 17.519  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 155511   | 19.316  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 164994   | 19.629  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 169208   | 19.851  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 209657   | 19.236  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 173420   | 19.704  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 89232    | 19.002  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 88574    | 18.588  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 152154   | 19.097  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.543 | 117  | 25602    | 17.524  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 88128    | 19.381  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 13309    | 17.445  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 52458    | 18.362  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 23852    | 18.605  | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 184168   | 18.750  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 53230    | 18.452  | ug/l   | 98       |

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

Manual Integrations  
APPROVED

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7/28/2021 8:57:56 PM

Quant Time: Jul 28 00:50:29 2021  
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Quant Title : SW846 8260  
QLast Update : Fri Jul 23 06:05:38 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

