

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092521\  
 Data File : VU044833.D  
 Acq On : 25 Sep 2021 13:50  
 Operator : SY/MD  
 Sample : VU0925WBS01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0925WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/27/2021 11:03:02 AM

Quant Time: Sep 27 01:30:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092421W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 25 09:30:46 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc       | Units | Dev(Min) |
|------------------------------|--------|------|----------|------------|-------|----------|
| -----                        |        |      |          |            |       |          |
| Internal Standards           |        |      |          |            |       |          |
| 1) Pentafluorobenzene        | 5.379  | 168  | 145265   | 50.000     | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.253  | 114  | 263524   | 50.000     | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 9.420  | 117  | 250123   | 50.000     | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.816 | 152  | 123767   | 50.000     | ug/l  | 0.00     |
| System Monitoring Compounds  |        |      |          |            |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.707  | 65   | 132888   | 52.416     | ug/l  | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | = 104.840% |       |          |
| 35) Dibromofluoromethane     | 5.295  | 113  | 91018    | 50.347     | ug/l  | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | = 100.700% |       |          |
| 50) Toluene-d8               | 7.903  | 98   | 345650   | 50.625     | ug/l  | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | = 101.240% |       |          |
| 62) 4-Bromofluorobenzene     | 10.636 | 95   | 126631   | 49.934     | ug/l  | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | = 99.860%  |       |          |
| Target Compounds             |        |      |          |            |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 34186    | 19.650     | ug/l  | 100      |
| 3) Chloromethane             | 1.520  | 50   | 46022    | 17.431     | ug/l  | 98       |
| 4) Vinyl Chloride            | 1.607  | 62   | 45629    | 18.517     | ug/l  | 100      |
| 5) Bromomethane              | 1.848  | 94   | 28654    | 21.238     | ug/l  | 99       |
| 6) Chloroethane              | 1.929  | 64   | 31043    | 18.540     | ug/l  | 100      |
| 7) Trichlorofluoromethane    | 2.138  | 101  | 60078    | 19.852     | ug/l  | 99       |
| 8) Diethyl Ether             | 2.379  | 74   | 28069    | 20.262     | ug/l  | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.585  | 101  | 34557    | 19.554     | ug/l  | 99       |
| 10) Methyl Iodide            | 2.726  | 142  | 33148    | 17.261     | ug/l  | 98       |
| 11) Tert butyl alcohol       | 3.202  | 59   | 71076    | 96.052     | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 2.581  | 96   | 32757    | 18.729     | ug/l  | 100      |
| 13) Acrolein                 | 2.488  | 56   | 18763    | 93.732     | ug/l  | 100      |
| 14) Allyl chloride           | 2.925  | 41   | 64006    | 18.854     | ug/l  | 98       |
| 15) Acrylonitrile            | 3.321  | 53   | 154352   | 99.857     | ug/l  | 100      |
| 16) Acetone                  | 2.636  | 43   | 147942   | 103.451    | ug/l  | 100      |
| 17) Carbon Disulfide         | 2.797  | 76   | 85410    | 17.359     | ug/l  | 99       |
| 18) Methyl Acetate           | 2.954  | 43   | 92046    | 19.266     | ug/l  | 99       |
| 19) Methyl tert-butyl Ether  | 3.369  | 73   | 131599   | 20.149     | ug/l  | 98       |
| 20) Methylene Chloride       | 3.051  | 84   | 44309    | 19.140     | ug/l  | 97       |
| 21) trans-1,2-Dichloroethene | 3.356  | 96   | 36765    | 19.632     | ug/l  | 97       |
| 22) Diisopropyl ether        | 3.999  | 45   | 132916   | 19.816     | ug/l  | 94       |
| 23) Vinyl Acetate            | 3.961  | 43   | 546483   | 99.349     | ug/l  | 99       |
| 24) 1,1-Dichloroethane       | 3.874  | 63   | 76520    | 19.654     | ug/l  | 99       |
| 25) 2-Butanone               | 4.710  | 43   | 215441   | 99.289     | ug/l  | 99       |
| 26) 2,2-Dichloropropane      | 4.671  | 77   | 59718    | 20.453     | ug/l  | 100      |
| 27) cis-1,2-Dichloroethene   | 4.671  | 96   | 44030    | 19.332     | ug/l  | 99       |
| 28) Bromochloromethane       | 4.980  | 49   | 36468    | 19.711     | ug/l  | 99       |
| 29) Tetrahydrofuran          | 5.057  | 42   | 133918   | 98.101     | ug/l  | 97       |
| 30) Chloroform               | 5.093  | 83   | 77138    | 19.705     | ug/l  | 96       |
| 31) Cyclohexane              | 5.392  | 56   | 67142    | 18.446     | ug/l  | 94       |
| 32) 1,1,1-Trichloroethane    | 5.321  | 97   | 61069    | 19.307     | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 5.530  | 75   | 52061    | 18.620     | ug/l  | 99       |
| 37) Ethyl Acetate            | 4.810  | 43   | 77583    | 18.911     | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 5.530  | 117  | 47631    | 19.055     | ug/l  | 98       |
| 39) Methylcyclohexane        | 6.768  | 83   | 61422    | 19.423     | ug/l  | 98       |
| 40) Benzene                  | 5.777  | 78   | 162736   | 19.090     | ug/l  | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092521\  
 Data File : VU044833.D  
 Acq On : 25 Sep 2021 13:50  
 Operator : SY/MD  
 Sample : VU0925WBS01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0925WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/27/2021 11:03:02 AM

Quant Time: Sep 27 01:30:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092421W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 25 09:30:46 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.977  | 41   | 40431    | 19.743  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 5.797  | 62   | 67363    | 20.086  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.916  | 43   | 114264   | 19.908  | ug/l   | 100      |
| 44) Trichloroethene           | 6.546  | 130  | 37187    | 18.151  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 6.793  | 63   | 44218    | 19.166  | ug/l   | 96       |
| 46) Dibromomethane            | 6.922  | 93   | 30947    | 20.244  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.109  | 83   | 58070    | 19.257  | ug/l   | 100      |
| 48) Methyl methacrylate       | 6.964  | 41   | 53049    | 19.581  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.980  | 88   | 28918    | 417.659 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 7.797  | 43   | 402634   | 98.427  | ug/l   | 100      |
| 52) Toluene                   | 7.973  | 92   | 97101    | 19.052  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.215  | 75   | 60880    | 19.378  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 7.610  | 75   | 66781    | 19.628  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 8.404  | 97   | 42731    | 19.610  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 8.337  | 69   | 67172    | 18.539  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 8.578  | 76   | 75590    | 19.482  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 50141    | 71.981  | ug/l   | 98       |
| 59) 2-Hexanone                | 8.687  | 43   | 318915   | 97.125  | ug/l   | 100      |
| 60) Dibromochloromethane      | 8.813  | 129  | 39887    | 19.115  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 8.925  | 107  | 45020    | 19.677  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.555  | 164  | 32368    | 19.092  | ug/l   | 99       |
| 65) Chlorobenzene             | 9.449  | 112  | 101799   | 19.605  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 34475    | 18.615  | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.571  | 91   | 179898   | 19.411  | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.697  | 106  | 139723   | 39.417  | ug/l   | 100      |
| 69) o-Xylene                  | 10.102 | 106  | 68199    | 19.897  | ug/l   | 99       |
| 70) Styrene                   | 10.118 | 104  | 115718   | 18.709  | ug/l   | 99       |
| 71) Bromoform                 | 10.295 | 173  | 27526    | 17.962  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.488 | 105  | 177039   | 20.154  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.324 | 43   | 88406    | 19.745  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 77886    | 19.462  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.825 | 75   | 74347m   | 19.837  | ug/l   |          |
| 77) Bromobenzene              | 10.784 | 156  | 41219    | 19.640  | ug/l   | 98       |
| 78) n-propylbenzene           | 10.909 | 91   | 217840   | 20.466  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.989 | 91   | 131450   | 20.263  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 152195   | 20.454  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.549 | 75   | 21942    | 18.965  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.099 | 91   | 151278   | 20.483  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.423 | 119  | 141654   | 19.734  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.472 | 105  | 154161   | 21.015  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.645 | 105  | 191323   | 20.612  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.796 | 119  | 155473   | 20.589  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.748 | 146  | 80140    | 19.677  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.838 | 146  | 80162    | 19.033  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.211 | 91   | 140169   | 18.837  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.478 | 117  | 25398    | 18.666  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.214 | 146  | 81266    | 18.829  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.999 | 75   | 18910    | 19.487  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 46154    | 19.353  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.025 | 225  | 19826    | 18.687  | ug/l   | 100      |
| 95) Naphthalene               | 14.089 | 128  | 173352   | 18.860  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 48448    | 19.978  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092521\  
Data File : VU044833.D  
Acq On : 25 Sep 2021 13:50  
Operator : SY/MD  
Sample : VU0925WBS01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0925WBS01

Manual Integrations  
APPROVED

MMDadoda  
9/27/2021 11:03:02 AM

Quant Time: Sep 27 01:30:11 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092421W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 25 09:30:46 2021  
Response via : Initial Calibration

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

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

