

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
 Data File : VX042920.D  
 Acq On : 07 Aug 2024 16:58  
 Operator : JC/MD  
 Sample : VX0807MBS02  
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807MBS02

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 08/08/2024  
 Supervised By :Semsettin Yesilyurt 08/08/2024

Quant Time: Aug 08 02:27:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 07 02:55:22 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 247320              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 415005              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 368437              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 172170              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 180665              | 53.212  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 106.420% |         |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 141442              | 52.125  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 104.260% |         |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 499289              | 51.831  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 103.660% |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 178655              | 51.611  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 103.220% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 50562               | 18.967  | ug/l   | 97       |
| 3) Chloromethane             | 1.300          | 50   | 49025               | 16.878  | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374          | 62   | 49773               | 18.061  | ug/l   | 96       |
| 5) Bromomethane              | 1.599          | 94   | 26075               | 15.634  | ug/l   | 93       |
| 6) Chloroethane              | 1.666          | 64   | 27432               | 17.472  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.873          | 101  | 71595               | 16.705  | ug/l   | 96       |
| 8) Diethyl Ether             | 2.136          | 74   | 26316               | 16.693  | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 47038               | 17.456  | ug/l   | 94       |
| 10) Methyl Iodide            | 2.447          | 142  | 55906               | 20.065  | ug/l   | 95       |
| 11) Tert butyl alcohol       | 2.989          | 59   | 69312               | 102.634 | ug/l # | 95       |
| 12) 1,1-Dichloroethene       | 2.306          | 96   | 46631               | 17.106  | ug/l   | 89       |
| 13) Acrolein                 | 2.239          | 56   | 66006               | 99.158  | ug/l   | 99       |
| 14) Allyl chloride           | 2.660          | 41   | 75298               | 18.281  | ug/l   | 94       |
| 15) Acrylonitrile            | 3.068          | 53   | 148861              | 86.363  | ug/l   | 98       |
| 16) Acetone                  | 2.392          | 43   | 120628              | 81.913  | ug/l   | 94       |
| 17) Carbon Disulfide         | 2.501          | 76   | 104434              | 15.743  | ug/l   | 98       |
| 18) Methyl Acetate           | 2.709          | 43   | 77939               | 16.690  | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 165622              | 18.051  | ug/l   | 98       |
| 20) Methylene Chloride       | 2.788          | 84   | 55316               | 17.434  | ug/l # | 86       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 47887               | 17.461  | ug/l   | 94       |
| 22) Diisopropyl ether        | 3.769          | 45   | 158188              | 17.482  | ug/l   | 90       |
| 23) Vinyl Acetate            | 3.727          | 43   | 900466              | 87.680  | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 92379               | 17.751  | ug/l   | 98       |
| 25) 2-Butanone               | 4.568          | 43   | 196189              | 84.832  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 59331               | 18.545  | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 59823               | 18.393  | ug/l   | 89       |
| 28) Bromochloromethane       | 4.910          | 49   | 37571               | 18.815  | ug/l # | 81       |
| 29) Tetrahydrofuran          | 5.013          | 42   | 129613              | 82.939  | ug/l   | 93       |
| 30) Chloroform               | 5.099          | 83   | 97015               | 17.807  | ug/l   | 97       |
| 31) Cyclohexane              | 5.464          | 56   | 73007               | 17.185  | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 85170               | 17.758  | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 60355               | 16.405  | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.721          | 43   | 74747               | 16.239  | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 5.678          | 117  | 70465               | 16.967  | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.379          | 83   | 76176               | 17.418  | ug/l   | 99       |
| 40) Benzene                  | 6.037          | 78   | 203306              | 17.806  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
 Data File : VX042920.D  
 Acq On : 07 Aug 2024 16:58  
 Operator : JC/MD  
 Sample : VX0807MBS02  
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807MBS02

Quant Time: Aug 08 02:27:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 07 02:55:22 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 08/08/2024  
 Supervised By :Semsettin Yesilyurt 08/08/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 40608    | 17.128  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 74230    | 17.873  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.348  | 43   | 116620   | 17.131  | ug/l   | 96       |
| 44) Trichloroethene           | 7.129  | 130  | 51384    | 17.910  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 49780    | 17.187  | ug/l   | 98       |
| 46) Dibromomethane            | 7.586  | 93   | 37784    | 17.762  | ug/l   | 91       |
| 47) Bromodichloromethane      | 7.824  | 83   | 68134    | 17.241  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 57224    | 17.531  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 25803    | 356.094 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 389282   | 85.371  | ug/l   | 96       |
| 52) Toluene                   | 8.720  | 92   | 123191   | 17.787  | ug/l   | 93       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 65117    | 17.826  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 71518    | 17.727  | ug/l   | 89       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 51473    | 18.281  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 81304    | 17.945  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 81796    | 17.734  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 204015   | 95.539  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 303109   | 85.785  | ug/l   | 95       |
| 60) Dibromochloromethane      | 9.518  | 129  | 52781    | 17.065  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 52917    | 17.789  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 45915    | 17.923  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 136862   | 17.505  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 48294    | 17.914  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 236000   | 17.945  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 179461   | 35.745  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 89429    | 17.782  | ug/l   | 99       |
| 70) Styrene                   | 10.659 | 104  | 146528   | 18.118  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 37952    | 17.593  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.963 | 105  | 230469   | 18.515  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 97748    | 17.452  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 78657    | 17.249  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 63951m   | 16.516  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 57512    | 18.163  | ug/l   | 88       |
| 78) n-propylbenzene           | 11.305 | 91   | 251362   | 18.179  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 161030   | 18.170  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 196235   | 19.039  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 19717    | 16.557  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 179561   | 18.026  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 191120   | 18.043  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 191821   | 18.487  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 230321   | 18.466  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 192486   | 18.575  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 99473    | 17.358  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 101683   | 17.312  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 155082   | 17.348  | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 30880    | 16.291  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 102986   | 17.947  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 17303    | 17.269  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 60744    | 17.354  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 26357    | 17.755  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 223973   | 18.491  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 63515    | 18.027  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
Data File : VX042920.D  
Acq On : 07 Aug 2024 16:58  
Operator : JC/MD  
Sample : VX0807MBSD02  
Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD02

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 08/08/2024  
Supervised By :Semsettin Yesilyurt 08/08/2024

Quant Time: Aug 08 02:27:49 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 07 02:55:22 2024  
Response via : Initial Calibration

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

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

