

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082224\  
 Data File : VU060502.D  
 Acq On : 22 Aug 2024 14:14  
 Operator : MD/SY  
 Sample : VSTD00107  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD001007

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 08/26/2024  
 Supervised By :Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 23 06:33:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR082224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 23 06:32:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114  | 76357    | 5.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117  | 80761    | 5.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152  | 37857    | 5.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65   | 3057     | 0.564  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.911  | 69   | 4581     | 0.879  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65   | 2394     | 1.002  | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 4.653  | 46   | 10685m   | 8.459  | ug/L   | 0.02     |
| 24) Chloroform-d              | 5.055  | 84   | 9086     | 0.797  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65   | 5211     | 0.955  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.724  | 84   | 15177    | 0.658  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67   | 5349     | 0.740  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.894  | 98   | 14111    | 0.689  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79   | 1667     | 0.710  | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.634  | 63   | 6303     | 6.087  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84   | 4349     | 0.737  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152  | 5100     | 0.803  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.383  | 85   | 8864     | 1.735  | ug/L   | 100      |
| 3) Chloromethane              | 1.518  | 50   | 7386     | 1.323  | ug/L   | 97       |
| 5) Vinyl chloride             | 1.602  | 62   | 6782     | 1.091  | ug/L   | 91       |
| 6) Bromomethane               | 1.853  | 94   | 6411     | 1.364  | ug/L   | 100      |
| 8) Chloroethane               | 1.930  | 64   | 6803     | 1.505  | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 2.136  | 101  | 16392    | 1.729  | ug/L   | 96       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.573  | 101  | 8757     | 1.554  | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.573  | 96   | 7653     | 1.508  | ug/L   | 94       |
| 13) Acetone                   | 2.653  | 43   | 12536    | 14.421 | ug/L   | 100      |
| 14) Carbon disulfide          | 2.788  | 76   | 27584    | 1.982  | ug/L   | 98       |
| 15) Methyl Acetate            | 2.962  | 43   | 3024     | 1.594  | ug/L   | 95       |
| 16) Methylene chloride        | 3.039  | 84   | 8629     | 1.197  | ug/L   | 93       |
| 17) Methyl tert-butyl Ether   | 3.357  | 73   | 11834    | 0.982  | ug/L   | 93       |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96   | 5530     | 1.106  | ug/L   | 82       |
| 19) 1,1-Dichloroethane        | 3.862  | 63   | 11077    | 1.054  | ug/L   | 99       |
| 21) 2-Butanone                | 4.730  | 43   | 14254m   | 10.761 | ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96   | 5623     | 0.940  | ug/L   | 97       |
| 23) Bromochloromethane        | 4.972  | 128  | 2729     | 0.995  | ug/L   | 92       |
| 25) Chloroform                | 5.084  | 83   | 11744    | 1.044  | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 5.791  | 62   | 8216     | 1.305  | ug/L # | 93       |
| 29) 1,1,1-Trichloroethane     | 5.312  | 97   | 10609    | 1.141  | ug/L   | 94       |
| 30) Cyclohexane               | 5.383  | 56   | 7694     | 1.000  | ug/L   | 95       |
| 31) Carbon tetrachloride      | 5.515  | 117  | 9024     | 1.100  | ug/L   | 96       |
| 33) Benzene                   | 5.769  | 78   | 21980    | 0.931  | ug/L   | 100      |
| 34) Trichloroethene           | 6.541  | 95   | 6105     | 0.979  | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.759  | 83   | 8375     | 1.008  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.785  | 63   | 5918     | 0.916  | ug/L # | 94       |
| 38) Bromodichloromethane      | 7.100  | 83   | 8282     | 1.036  | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 7.605  | 75   | 8262     | 0.940  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 7.788  | 43   | 30650    | 9.973  | ug/L   | 95       |
| 42) Toluene                   | 7.965  | 91   | 22873    | 0.915  | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 8.209  | 75   | 7055     | 0.965  | ug/L   | 94       |

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Quant Time: Aug 23 06:33:33 2024  
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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 23 06:32:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 8.396  | 97   | 4648     | 0.962 | ug/L   | 98       |
| 47) Tetrachloroethene         | 8.550  | 164  | 5470     | 1.111 | ug/L   | 89       |
| 48) 2-Hexanone                | 8.685  | 43   | 22198m   | 9.628 | ug/L   |          |
| 49) Dibromochloromethane      | 8.804  | 129  | 5282     | 1.022 | ug/L   | 91       |
| 50) 1,2-Dibromoethane         | 8.920  | 107  | 3872     | 0.899 | ug/L # | 96       |
| 51) Chlorobenzene             | 9.441  | 112  | 16857    | 1.005 | ug/L   | 97       |
| 52) Ethylbenzene              | 9.566  | 91   | 23818    | 0.899 | ug/L   | 92       |
| 53) m,p-Xylene                | 9.692  | 106  | 8107     | 0.809 | ug/L   | 99       |
| 54) o-Xylene                  | 10.097 | 106  | 7849     | 0.821 | ug/L   | 97       |
| 55) Styrene                   | 10.110 | 104  | 13332    | 0.808 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.775 | 83   | 5450     | 0.914 | ug/L   | 91       |
| 59) Bromoform                 | 10.283 | 173  | 2844     | 1.034 | ug/L   | 99       |
| 60) Isopropylbenzene          | 10.479 | 105  | 21415    | 0.976 | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 10.817 | 75   | 3589     | 1.035 | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene    | 11.084 | 105  | 16099    | 0.952 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 11.463 | 105  | 15979    | 0.914 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.743 | 146  | 11192    | 0.949 | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146  | 11561    | 0.978 | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 12.209 | 146  | 11213    | 1.074 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.994 | 75   | 783      | 1.194 | ug/L # | 71       |
| 69) 1,3,5-Trichlorobenzene    | 13.216 | 180  | 8998     | 1.071 | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene    | 13.836 | 180  | 5854     | 0.892 | ug/L   | 94       |
| 71) Naphthalene               | 14.093 | 128  | 6428m    | 0.699 | ug/L   |          |
| 72) 1,2,3-Trichlorobenzene    | 14.325 | 180  | 4867     | 0.832 | ug/L   | 96       |

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

