

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100124\  
 Data File : VU061034.D  
 Acq On : 01 Oct 2024 10:12  
 Operator : MD/SY  
 Sample : VSTD00125  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD001025

Quant Time: Oct 02 01:55:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 02 01:31:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114  | 192663   | 5.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117  | 179718   | 5.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152  | 83994    | 5.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65   | 13034    | 0.946 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.911  | 69   | 9295     | 0.902 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65   | 5756     | 0.947 | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 4.650  | 46   | 28113    | 8.639 | ug/L   | 0.02     |
| 24) Chloroform-d              | 5.058  | 84   | 21996    | 0.906 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65   | 11890    | 0.924 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.724  | 84   | 43119    | 0.910 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67   | 14844    | 0.954 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.894  | 98   | 40924    | 0.924 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.181  | 79   | 5840     | 0.878 | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.634  | 63   | 23369    | 8.485 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84   | 10450    | 0.916 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152  | 12573    | 0.936 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.383  | 85   | 9066     | 0.965 | ug/L   | 94       |
| 3) Chloromethane              | 1.518  | 50   | 12993    | 0.958 | ug/L   | 96       |
| 5) Vinyl chloride             | 1.602  | 62   | 12619    | 0.927 | ug/L   | 99       |
| 6) Bromomethane               | 1.856  | 94   | 6809     | 0.938 | ug/L   | 96       |
| 8) Chloroethane               | 1.933  | 64   | 7966     | 0.965 | ug/L   | 94       |
| 9) Trichlorofluoromethane     | 2.136  | 101  | 16075    | 0.919 | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.576  | 101  | 10689    | 0.925 | ug/L   | 92       |
| 12) 1,1-Dichloroethene        | 2.576  | 96   | 10156    | 0.913 | ug/L   | 94       |
| 13) Acetone                   | 2.657  | 43   | 18906    | 8.910 | ug/L   | 92       |
| 14) Carbon disulfide          | 2.788  | 76   | 35182    | 0.931 | ug/L   | 99       |
| 15) Methyl Acetate            | 2.965  | 43   | 4675     | 0.923 | ug/L   | 94       |
| 16) Methylene chloride        | 3.039  | 84   | 11992    | 0.939 | ug/L   | 85       |
| 17) Methyl tert-butyl Ether   | 3.358  | 73   | 28554    | 0.897 | ug/L # | 93       |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96   | 11438    | 0.938 | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.862  | 63   | 21921    | 0.924 | ug/L   | 98       |
| 21) 2-Butanone                | 4.727  | 43   | 28568    | 8.085 | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96   | 12441    | 0.916 | ug/L   | 93       |
| 23) Bromochloromethane        | 4.972  | 128  | 5230     | 0.957 | ug/L # | 89       |
| 25) Chloroform                | 5.081  | 83   | 21919    | 0.922 | ug/L   | 92       |
| 27) 1,2-Dichloroethane        | 5.792  | 62   | 14541    | 0.929 | ug/L # | 93       |
| 29) 1,1,1-Trichloroethane     | 5.309  | 97   | 19071    | 0.917 | ug/L   | 96       |
| 30) Cyclohexane               | 5.380  | 56   | 21383    | 0.923 | ug/L   | 95       |
| 31) Carbon tetrachloride      | 5.518  | 117  | 16188    | 0.917 | ug/L   | 97       |
| 33) Benzene                   | 5.769  | 78   | 49241    | 0.929 | ug/L   | 100      |
| 34) Trichloroethene           | 6.538  | 95   | 13636    | 0.949 | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.756  | 83   | 20714    | 0.893 | ug/L   | 95       |
| 37) 1,2-Dichloropropane       | 6.785  | 63   | 13017    | 0.932 | ug/L   | 99       |
| 38) Bromodichloromethane      | 7.100  | 83   | 15745    | 0.902 | ug/L # | 98       |
| 39) cis-1,3-Dichloropropene   | 7.602  | 75   | 20057    | 0.916 | ug/L   | 96       |
| 40) 4-Methyl-2-pentanone      | 7.785  | 43   | 81512    | 9.115 | ug/L   | 94       |
| 42) Toluene                   | 7.965  | 91   | 52408    | 0.929 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 8.206  | 75   | 16635    | 0.919 | ug/L   | 99       |

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 Sample : VSTD00125  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD001025

Quant Time: Oct 02 01:55:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 02 01:31:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 8.393  | 97   | 8916     | 0.964 | ug/L   | 96       |
| 47) Tetrachloroethene         | 8.547  | 164  | 8489     | 0.908 | ug/L   | 94       |
| 48) 2-Hexanone                | 8.682  | 43   | 53782    | 8.675 | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.804  | 129  | 9627     | 0.894 | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 8.917  | 107  | 7944     | 0.907 | ug/L # | 92       |
| 51) Chlorobenzene             | 9.441  | 112  | 31364    | 0.912 | ug/L   | 91       |
| 52) Ethylbenzene              | 9.563  | 91   | 59072    | 0.924 | ug/L   | 99       |
| 53) m,p-Xylene                | 9.689  | 106  | 21415    | 0.918 | ug/L   | 90       |
| 54) o-Xylene                  | 10.094 | 106  | 21101    | 0.919 | ug/L   | 90       |
| 55) Styrene                   | 10.113 | 104  | 32946    | 0.889 | ug/L   | 93       |
| 57) 1,1,2,2-Tetrachloroethane | 10.775 | 83   | 11074    | 0.952 | ug/L   | 92       |
| 59) Bromoform                 | 10.283 | 173  | 5253     | 0.911 | ug/L # | 94       |
| 60) Isopropylbenzene          | 10.476 | 105  | 53195    | 0.947 | ug/L   | 95       |
| 61) 1,2,3-Trichloropropane    | 10.817 | 75   | 7915     | 0.959 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 46953    | 0.948 | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 46236    | 0.925 | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 11.740 | 146  | 22346    | 0.928 | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 11.830 | 146  | 22317    | 0.938 | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 12.206 | 146  | 20961    | 0.942 | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.997 | 75   | 1737     | 0.965 | ug/L # | 73       |
| 69) 1,3,5-Trichlorobenzene    | 13.213 | 180  | 15052    | 0.888 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.839 | 180  | 10153    | 0.781 | ug/L   | 93       |
| 71) Naphthalene               | 14.094 | 128  | 15513    | 0.746 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 14.328 | 180  | 8683     | 0.803 | ug/L   | 98       |
| -----                         |        |      |          |       |        |          |

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

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