

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082324\  
 Data File : VU060511.D  
 Acq On : 23 Aug 2024 13:31  
 Operator : MD/SY  
 Sample : VSTD01015  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD010015

Quant Time: Aug 24 01:20:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR082324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Aug 24 01:18:00 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114  | 98177    | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117  | 100270   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152  | 56207    | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65   | 43691    | 10.076  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.911  | 69   | 64527    | 9.822   | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65   | 27977    | 10.947  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.628  | 46   | 168578   | 113.052 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.055  | 84   | 134003   | 10.839  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65   | 69289    | 10.741  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.718  | 84   | 239951   | 10.944  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67   | 75898    | 10.729  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.891  | 98   | 225636   | 10.969  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79   | 29116    | 11.502  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.627  | 63   | 182747   | 150.776 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84   | 66007    | 10.486  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152  | 88161    | 10.638  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.383  | 85   | 111162   | 9.978   | ug/L  | 99       |
| 3) Chloromethane              | 1.518  | 50   | 88036    | 9.120   | ug/L  | 98       |
| 5) Vinyl chloride             | 1.602  | 62   | 93693    | 9.857   | ug/L  | 99       |
| 6) Bromomethane               | 1.856  | 94   | 88133    | 9.214   | ug/L  | 94       |
| 8) Chloroethane               | 1.930  | 64   | 79745    | 9.195   | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 2.133  | 101  | 191226   | 9.254   | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.570  | 101  | 81827    | 9.360   | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.570  | 96   | 73499    | 9.134   | ug/L  | 87       |
| 13) Acetone                   | 2.647  | 43   | 112452   | 89.362  | ug/L  | 96       |
| 14) Carbon disulfide          | 2.788  | 76   | 232363   | 8.899   | ug/L  | 99       |
| 15) Methyl Acetate            | 2.956  | 43   | 28371    | 11.300  | ug/L  | 95       |
| 16) Methylene chloride        | 3.039  | 84   | 76929    | 9.843   | ug/L  | 91       |
| 17) Methyl tert-butyl Ether   | 3.358  | 73   | 172677   | 10.574  | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 3.348  | 96   | 71810    | 10.251  | ug/L  | 96       |
| 19) 1,1-Dichloroethane        | 3.859  | 63   | 143171   | 10.086  | ug/L  | 95       |
| 21) 2-Butanone                | 4.708  | 43   | 184105   | 107.894 | ug/L  | 96       |
| 22) cis-1,2-Dichloroethene    | 4.657  | 96   | 81882    | 10.490  | ug/L  | 98       |
| 23) Bromochloromethane        | 4.965  | 128  | 36836    | 10.384  | ug/L  | 95       |
| 25) Chloroform                | 5.078  | 83   | 151434   | 10.080  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 5.785  | 62   | 99330    | 9.851   | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 5.309  | 97   | 139067   | 10.126  | ug/L  | 98       |
| 30) Cyclohexane               | 5.380  | 56   | 123143   | 10.831  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.515  | 117  | 128346   | 10.112  | ug/L  | 99       |
| 33) Benzene                   | 5.766  | 78   | 320885   | 10.090  | ug/L  | 100      |
| 34) Trichloroethene           | 6.534  | 95   | 83009    | 9.629   | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.756  | 83   | 127909   | 10.814  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.782  | 63   | 84624    | 10.385  | ug/L  | # 98     |
| 38) Bromodichloromethane      | 7.097  | 83   | 108542   | 10.137  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.599  | 75   | 124641   | 10.432  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.785  | 43   | 457889   | 107.892 | ug/L  | 99       |
| 42) Toluene                   | 7.962  | 91   | 354095   | 10.536  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.203  | 75   | 109317   | 11.145  | ug/L  | 96       |

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Quant Time: Aug 24 01:20:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR082324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Aug 24 01:18:00 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 8.393  | 97   | 59731    | 10.119  | ug/L   | 98       |
| 47) Tetrachloroethene         | 8.547  | 164  | 83722    | 11.849  | ug/L   | 99       |
| 48) 2-Hexanone                | 8.676  | 43   | 378825   | 121.484 | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.801  | 129  | 71952    | 10.528  | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 8.914  | 107  | 57226    | 10.560  | ug/L # | 92       |
| 51) Chlorobenzene             | 9.441  | 112  | 221715   | 10.191  | ug/L   | 98       |
| 52) Ethylbenzene              | 9.563  | 91   | 382060   | 10.728  | ug/L   | 98       |
| 53) m,p-Xylene                | 9.685  | 106  | 151430   | 11.437  | ug/L   | 99       |
| 54) o-Xylene                  | 10.094 | 106  | 144717   | 10.677  | ug/L   | 100      |
| 55) Styrene                   | 10.106 | 104  | 250728   | 11.289  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 73301    | 9.726   | ug/L   | 98       |
| 59) Bromoform                 | 10.283 | 173  | 44976    | 9.737   | ug/L   | 98       |
| 60) Isopropylbenzene          | 10.476 | 105  | 389537   | 10.374  | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 10.814 | 75   | 54128    | 9.983   | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 317915   | 11.360  | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 319917   | 11.206  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.737 | 146  | 183220   | 9.970   | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.830 | 146  | 181884   | 9.753   | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.203 | 146  | 169776   | 9.847   | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.987 | 75   | 11885    | 9.711   | ug/L   | 90       |
| 69) 1,3,5-Trichlorobenzene    | 13.212 | 180  | 138052   | 9.742   | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.833 | 180  | 148111   | 12.955  | ug/L   | 97       |
| 71) Naphthalene               | 14.081 | 128  | 212914   | 14.577  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 121612   | 12.711  | ug/L   | 99       |

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

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