

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110724\  
 Data File : VU061515.D  
 Acq On : 07 Nov 2024 10:07  
 Operator : MD/SY  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD005127

Quant Time: Nov 08 00:19:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 07 00:10:32 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 168867   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 159096   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 77558    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 39626    | 3.454    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 69.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 46032    | 4.377    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 87.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 19442    | 3.961    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 79.200%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 116578   | 50.055   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 100.120% |
| 24) Chloroform-d              | 5.052  | 84    | 101804   | 4.675    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 93.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 50741    | 4.675    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 93.600%  |
| 32) Benzene-d6                | 5.717  | 84    | 198264   | 4.423    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 88.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 61900    | 4.593    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 91.800%  |
| 41) Toluene-d8                | 7.891  | 98    | 181229   | 4.324    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 86.400%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 22054    | 4.009    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 80.200%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 104013   | 46.161   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 92.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 50196    | 4.925    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 98.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 60303    | 4.391    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 87.800%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          | Qvalue   |       |          |
| 2) Dichlorodifluoromethane    | 1.383  | 85    | 52949    | 4.703    | ug/L  | 99       |
| 3) Chloromethane              | 1.518  | 50    | 49835    | 4.198    | ug/L  | 99       |
| 5) Vinyl chloride             | 1.599  | 62    | 57511    | 4.406    | ug/L  | 98       |
| 6) Bromomethane               | 1.853  | 94    | 37878    | 4.379    | ug/L  | 100      |
| 8) Chloroethane               | 1.930  | 64    | 48898    | 5.088    | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 2.132  | 101   | 86857    | 4.899    | ug/L  | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.573  | 101   | 54119    | 5.141    | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.573  | 96    | 50033    | 5.011    | ug/L  | 89       |
| 13) Acetone                   | 2.637  | 43    | 74731    | 50.661   | ug/L  | 98       |
| 14) Carbon disulfide          | 2.788  | 76    | 133222   | 3.999    | ug/L  | 100      |
| 15) Methyl Acetate            | 2.952  | 43    | 19343    | 5.295    | ug/L  | 100      |
| 16) Methylene chloride        | 3.039  | 84    | 58042    | 4.933    | ug/L  | 100      |
| 17) Methyl tert-butyl Ether   | 3.354  | 73    | 130751   | 4.832    | ug/L  | 100      |
| 18) trans-1,2-Dichloroethene  | 3.348  | 96    | 52780    | 4.781    | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 3.859  | 63    | 105467   | 5.065    | ug/L  | 99       |
| 21) 2-Butanone                | 4.701  | 43    | 121663   | 52.026   | ug/L  | 97       |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96    | 62921    | 4.990    | ug/L  | 98       |
| 23) Bromochloromethane        | 4.968  | 128   | 28196    | 5.314    | ug/L  | 97       |
| 25) Chloroform                | 5.078  | 83    | 114051   | 5.210    | ug/L  | 98       |

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 Data File : VU061515.D  
 Acq On : 07 Nov 2024 10:07  
 Operator : MD/SY  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD005127

Quant Time: Nov 08 00:19:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 07 00:10:32 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.785  | 62   | 68064    | 4.920  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 5.306  | 97   | 94042    | 4.827  | ug/L  | 99       |
| 30) Cyclohexane               | 5.380  | 56   | 84952    | 4.347  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.518  | 117  | 77874    | 4.671  | ug/L  | 98       |
| 33) Benzene                   | 5.766  | 78   | 243999   | 4.959  | ug/L  | 100      |
| 34) Trichloroethene           | 6.534  | 95   | 64257    | 4.801  | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.753  | 83   | 94280    | 4.426  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.782  | 63   | 62995    | 5.051  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.097  | 83   | 76720    | 4.861  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.602  | 75   | 91363    | 4.743  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.782  | 43   | 315066   | 50.759 | ug/L  | 99       |
| 42) Toluene                   | 7.962  | 91   | 265401   | 4.967  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.203  | 75   | 73023    | 4.653  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 8.393  | 97   | 46999    | 5.237  | ug/L  | 98       |
| 47) Tetrachloroethene         | 8.547  | 164  | 46825    | 5.009  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.676  | 43   | 221762   | 50.523 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.801  | 129  | 48341    | 4.749  | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 8.917  | 107  | 44299    | 5.081  | ug/L  | 98       |
| 51) Chlorobenzene             | 9.441  | 112  | 171090   | 5.066  | ug/L  | 97       |
| 52) Ethylbenzene              | 9.563  | 91   | 284199   | 4.835  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.688  | 106  | 106640   | 4.763  | ug/L  | 98       |
| 54) o-Xylene                  | 10.093 | 106  | 105905   | 4.792  | ug/L  | 96       |
| 55) Styrene                   | 10.106 | 104  | 174963   | 4.939  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 57670    | 5.332  | ug/L  | 99       |
| 59) Bromoform                 | 10.283 | 173  | 25576    | 4.455  | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.476 | 105  | 285502   | 4.819  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.814 | 75   | 39568    | 5.121  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 222125   | 4.605  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 219942   | 4.613  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.740 | 146  | 127160   | 5.100  | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 11.830 | 146  | 124552   | 4.900  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.206 | 146  | 118613   | 5.054  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.987 | 75   | 7427     | 4.578  | ug/L  | 88       |
| 69) 1,3,5-Trichlorobenzene    | 13.212 | 180  | 86792    | 5.078  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.833 | 180  | 69617    | 5.047  | ug/L  | 97       |
| 71) Naphthalene               | 14.080 | 128  | 98301    | 4.516  | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 58008    | 5.027  | ug/L  | 99       |

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

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Operator : MD/SY  
Sample : VSTDCCC005  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTD005127

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 07 00:10:32 2024  
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