

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV012325\  
 Data File : VV038522.D  
 Acq On : 23 Jan 2025 21:35  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005335

Quant Time: Jan 24 00:35:21 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011725WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jan 24 00:30:49 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 200092   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.776  | 117   | 209407   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.175 | 152   | 113238   | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 57090    | 3.460    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 69.200%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 54864    | 3.960    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 79.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65    | 27029    | 3.635    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 72.600%  |
| 20) 2-Butanone-d5             | 3.799  | 46    | 178376   | 51.398   | ug/L  | -0.04    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 102.800% |
| 24) Chloroform-d              | 4.240  | 84    | 143513   | 4.640    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 65255    | 4.605    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 92.000%  |
| 32) Benzene-d6                | 4.953  | 84    | 250533   | 4.344    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 86.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 80691    | 4.603    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 92.000%  |
| 41) Toluene-d8                | 7.233  | 98    | 228710   | 4.415    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 88.200%  |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79    | 27031    | 4.215    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 84.400%  |
| 46) 2-Hexanone-d5             | 8.018  | 63    | 123468   | 48.802   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 97.600%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.143 | 84    | 72591    | 5.223    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 104.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.551 | 152   | 91303    | 4.764    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 95.200%  |
|                               |        |       |          |          |       |          |
| Target Compounds              | Qvalue |       |          |          |       |          |
| 2) Dichlorodifluoromethane    | 1.105  | 85    | 105647   | 4.714    | ug/L  | 100      |
| 3) Chloromethane              | 1.214  | 50    | 105184   | 4.587    | ug/L  | 100      |
| 5) Vinyl chloride             | 1.282  | 62    | 104646   | 4.516    | ug/L  | 98       |
| 6) Bromomethane               | 1.487  | 94    | 57397    | 4.952    | ug/L  | 94       |
| 8) Chloroethane               | 1.548  | 64    | 63235    | 4.555    | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 1.712  | 101   | 145696   | 4.941    | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.066  | 101   | 87399    | 5.185    | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 2.066  | 96    | 78020    | 4.702    | ug/L  | 95       |
| 13) Acetone                   | 2.134  | 43    | 118275   | 43.800   | ug/L  | 100      |
| 14) Carbon disulfide          | 2.237  | 76    | 248213   | 4.453    | ug/L  | 100      |
| 15) Methyl Acetate            | 2.388  | 43    | 29522    | 4.279    | ug/L  | 95       |
| 16) Methylene chloride        | 2.442  | 84    | 82629    | 4.493    | ug/L  | 97       |
| 17) Methyl tert-butyl Ether   | 2.696  | 73    | 159920   | 4.581    | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 2.690  | 96    | 80788    | 4.736    | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 3.105  | 63    | 151199   | 4.657    | ug/L  | 99       |
| 21) 2-Butanone                | 3.880  | 43    | 169496   | 44.249   | ug/L  | 98       |
| 22) cis-1,2-Dichloroethene    | 3.806  | 96    | 80560    | 4.645    | ug/L  | 92       |
| 23) Bromochloromethane        | 4.146  | 128   | 38846    | 4.923    | ug/L  | 91       |
| 25) Chloroform                | 4.265  | 83    | 157466   | 4.906    | ug/L  | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV012325\  
 Data File : VV038522.D  
 Acq On : 23 Jan 2025 21:35  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005335

Quant Time: Jan 24 00:35:21 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011725WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jan 24 00:30:49 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.034  | 62   | 87746    | 4.916  | ug/L   | 98       |
| 29) 1,1,1-Trichloroethane     | 4.500  | 97   | 134618   | 4.835  | ug/L   | 98       |
| 30) Cyclohexane               | 4.571  | 56   | 121179   | 4.779  | ug/L   | 97       |
| 31) Carbon tetrachloride      | 4.725  | 117  | 121510   | 4.938  | ug/L   | 99       |
| 33) Benzene                   | 5.002  | 78   | 328307   | 4.937  | ug/L   | 100      |
| 34) Trichloroethene           | 5.825  | 95   | 82816    | 4.792  | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.040  | 83   | 129465   | 4.915  | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.085  | 63   | 84605    | 4.927  | ug/L   | 98       |
| 38) Bromodichloromethane      | 6.426  | 83   | 105933   | 4.756  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 6.947  | 75   | 109248   | 4.615  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.149  | 43   | 439252   | 49.437 | ug/L   | 99       |
| 42) Toluene                   | 7.307  | 91   | 356579   | 5.145  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.574  | 75   | 93370    | 4.655  | ug/L   | 97       |
| 45) 1,1,2-Trichloroethane     | 7.760  | 97   | 59701    | 4.833  | ug/L   | 97       |
| 47) Tetrachloroethene         | 7.895  | 164  | 66595    | 4.979  | ug/L   | 99       |
| 48) 2-Hexanone                | 8.069  | 43   | 334497   | 51.995 | ug/L   | 100      |
| 49) Dibromochloromethane      | 8.166  | 129  | 68080    | 4.788  | ug/L   | 94       |
| 50) 1,2-Dibromoethane         | 8.275  | 107  | 57589    | 5.011  | ug/L   | 99       |
| 51) Chlorobenzene             | 8.805  | 112  | 224631   | 4.817  | ug/L   | 100      |
| 52) Ethylbenzene              | 8.937  | 91   | 371141   | 4.979  | ug/L   | 98       |
| 53) m,p-Xylene                | 9.063  | 106  | 140368   | 4.967  | ug/L   | 97       |
| 54) o-Xylene                  | 9.468  | 106  | 134772   | 5.005  | ug/L   | 100      |
| 55) Styrene                   | 9.487  | 104  | 239965   | 5.111  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.169 | 83   | 70888    | 4.713  | ug/L   | 99       |
| 59) Bromoform                 | 9.657  | 173  | 35323    | 4.473  | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.857  | 105  | 369699   | 4.852  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.201 | 75   | 51145    | 4.701  | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.468 | 105  | 281834   | 4.723  | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.844 | 105  | 284804   | 4.779  | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.108 | 146  | 184322   | 4.877  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.201 | 146  | 183497   | 4.695  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.571 | 146  | 168327   | 4.755  | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.358 | 75   | 9183     | 4.084  | ug/L # | 84       |
| 69) 1,3,5-Trichlorobenzene    | 12.574 | 180  | 117696   | 4.527  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.188 | 180  | 84736    | 4.385  | ug/L   | 97       |
| 71) Naphthalene               | 13.432 | 128  | 97962    | 3.422  | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.670 | 180  | 73988    | 4.429  | ug/L   | 97       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV012325\  
Data File : VV038522.D  
Acq On : 23 Jan 2025 21:35  
Operator : SY/MD  
Sample : VSTDCCC005EC  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD005335

Quant Time: Jan 24 00:35:21 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011725WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Jan 24 00:30:49 2025  
Response via : Initial Calibration

