

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111324\  
 Data File : VV038040.D  
 Acq On : 13 Nov 2024 12:38  
 Operator : SY/MD  
 Sample : P4749-10MSD  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GCP83MSD

Quant Time: Nov 13 23:11:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 13 00:39:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 244400   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.776  | 117   | 257890   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178 | 152   | 143576   | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 65069    | 3.059    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 61.200%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 62631    | 3.612    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 72.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 30414    | 3.263    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 65.200%  |
| 20) 2-Butanone-d5             | 3.796  | 46    | 211586   | 43.282   | ug/L  | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 86.560%  |
| 24) Chloroform-d              | 4.239  | 84    | 168895   | 4.212    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 84.200%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 78605    | 4.127    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 82.600%  |
| 32) Benzene-d6                | 4.953  | 84    | 287733   | 3.611    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 72.200%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 90023    | 3.606    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 72.200%  |
| 41) Toluene-d8                | 7.236  | 98    | 260131   | 3.570    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 71.400%  |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79    | 36055    | 3.563    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 71.200%  |
| 46) 2-Hexanone-d5             | 8.017  | 63    | 206302   | 45.607   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 91.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.143 | 84    | 87466    | 4.236    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 84.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.551 | 152   | 113069   | 3.788    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 75.800%# |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          | Qvalue   |       |          |
| 2) Dichlorodifluoromethane    | 1.105  | 85    | 137648   | 5.165    | ug/L  | 99       |
| 3) Chloromethane              | 1.214  | 50    | 130565   | 5.281    | ug/L  | 98       |
| 5) Vinyl chloride             | 1.281  | 62    | 132280   | 5.331    | ug/L  | 99       |
| 6) Bromomethane               | 1.484  | 94    | 83712    | 5.299    | ug/L  | 96       |
| 8) Chloroethane               | 1.545  | 64    | 80866    | 5.378    | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 1.709  | 101   | 185256   | 5.401    | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.063  | 101   | 103500   | 5.227    | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.066  | 96    | 97523    | 5.249    | ug/L  | 82       |
| 13) Acetone                   | 2.130  | 43    | 177063   | 50.812   | ug/L  | 99       |
| 14) Carbon disulfide          | 2.236  | 76    | 314926   | 5.171    | ug/L  | 99       |
| 15) Methyl Acetate            | 2.384  | 43    | 37335    | 4.906    | ug/L  | 96       |
| 16) Methylene chloride        | 2.442  | 84    | 112670   | 5.121    | ug/L  | 97       |
| 17) Methyl tert-butyl Ether   | 2.696  | 73    | 228246   | 5.042    | ug/L  | 100      |
| 18) trans-1,2-Dichloroethene  | 2.690  | 96    | 104516   | 5.199    | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 3.104  | 63    | 189103   | 5.235    | ug/L  | 99       |
| 21) 2-Butanone                | 3.879  | 43    | 221972   | 47.170   | ug/L  | 97       |
| 22) cis-1,2-Dichloroethene    | 3.805  | 96    | 174279   | 8.248    | ug/L  | 97       |
| 23) Bromochloromethane        | 4.140  | 128   | 54080    | 5.573    | ug/L  | 98       |
| 25) Chloroform                | 4.265  | 83    | 231892   | 6.081    | ug/L  | 100      |

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 MSVOA\_V  
 ClientSampleId :  
 GCP83MSD

Quant Time: Nov 13 23:11:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 13 00:39:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.037  | 62   | 116316   | 5.424  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 4.503  | 97   | 177306   | 5.093  | ug/L  | 99       |
| 30) Cyclohexane               | 4.574  | 56   | 152621   | 4.951  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.725  | 117  | 154720   | 5.103  | ug/L  | 98       |
| 33) Benzene                   | 5.001  | 78   | 426212   | 5.197  | ug/L  | 100      |
| 34) Trichloroethene           | 5.825  | 95   | 128804   | 5.745  | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.040  | 83   | 160340   | 4.736  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.085  | 63   | 104963   | 5.173  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.426  | 83   | 137085   | 5.085  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 6.950  | 75   | 150460   | 4.974  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.149  | 43   | 564561   | 49.491 | ug/L  | 99       |
| 42) Toluene                   | 7.307  | 91   | 456291   | 5.325  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.577  | 75   | 130431   | 5.079  | ug/L  | 96       |
| 45) 1,1,2-Trichloroethane     | 7.763  | 97   | 83701    | 5.143  | ug/L  | 97       |
| 47) Tetrachloroethene         | 7.895  | 164  | 89310    | 5.076  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.069  | 43   | 411039   | 50.084 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.169  | 129  | 90457    | 5.156  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.275  | 107  | 79388    | 5.138  | ug/L  | 99       |
| 51) Chlorobenzene             | 8.808  | 112  | 295974   | 5.070  | ug/L  | 98       |
| 52) Ethylbenzene              | 8.937  | 91   | 478178   | 5.137  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.066  | 106  | 186263   | 5.308  | ug/L  | 96       |
| 54) o-Xylene                  | 9.471  | 106  | 180732   | 5.322  | ug/L  | 98       |
| 55) Styrene                   | 9.490  | 104  | 326503   | 5.520  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.168 | 83   | 101434   | 5.221  | ug/L  | 99       |
| 59) Bromoform                 | 9.657  | 173  | 47210    | 5.002  | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.857  | 105  | 483662   | 5.050  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.201 | 75   | 68904    | 4.913  | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.467 | 105  | 372433   | 4.855  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.844 | 105  | 379922   | 4.943  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.111 | 146  | 244211   | 4.943  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.201 | 146  | 253327   | 4.984  | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 11.570 | 146  | 227901   | 4.933  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.355 | 75   | 15719    | 4.944  | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 12.574 | 180  | 170492   | 4.692  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.191 | 180  | 145715   | 4.516  | ug/L  | 98       |
| 71) Naphthalene               | 13.432 | 128  | 217751   | 3.708  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.670 | 180  | 131088   | 4.305  | ug/L  | 99       |

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

