

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111924\  
 Data File : VV038170.D  
 Acq On : 19 Nov 2024 10:29  
 Operator : SY/MD  
 Sample : VSTD01018  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD010218

Quant Time: Nov 19 21:36:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 19 21:34:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114  | 273962   | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.776  | 117  | 281909   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178 | 152  | 156905   | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65   | 218664   | 10.413  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.529  | 69   | 178198   | 10.491  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65   | 95148    | 10.529  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 3.793  | 46   | 472227   | 117.906 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.236  | 84   | 434613   | 10.665  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.931  | 65   | 199122   | 10.812  | ug/L  | 0.00     |
| 32) Benzene-d6                | 4.950  | 84   | 823445   | 11.302  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.979  | 67   | 242836   | 10.857  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.233  | 98   | 782535   | 11.607  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.545  | 79   | 100686   | 12.350  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.018  | 63   | 407586   | 131.800 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.143 | 84   | 207843   | 10.920  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.551 | 152  | 284213   | 10.631  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.105  | 85   | 254691   | 9.826   | ug/L  | 99       |
| 3) Chloromethane              | 1.214  | 50   | 220847   | 9.895   | ug/L  | 99       |
| 5) Vinyl chloride             | 1.278  | 62   | 251137   | 9.930   | ug/L  | 100      |
| 6) Bromomethane               | 1.484  | 94   | 91074    | 9.235   | ug/L  | 98       |
| 8) Chloroethane               | 1.545  | 64   | 158477   | 8.955   | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 1.709  | 101  | 357099   | 9.922   | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.063  | 101  | 201420   | 9.806   | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.063  | 96   | 192137   | 9.819   | ug/L  | 96       |
| 13) Acetone                   | 2.134  | 43   | 319495   | 102.837 | ug/L  | 100      |
| 14) Carbon disulfide          | 2.233  | 76   | 630809   | 10.007  | ug/L  | 99       |
| 15) Methyl Acetate            | 2.378  | 43   | 75447    | 9.868   | ug/L  | 97       |
| 16) Methylene chloride        | 2.439  | 84   | 225258   | 10.095  | ug/L  | 98       |
| 17) Methyl tert-butyl Ether   | 2.696  | 73   | 474834   | 10.733  | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 2.687  | 96   | 209830   | 10.179  | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 3.101  | 63   | 382848   | 10.232  | ug/L  | 98       |
| 21) 2-Butanone                | 3.873  | 43   | 477562   | 115.310 | ug/L  | 95       |
| 22) cis-1,2-Dichloroethene    | 3.802  | 96   | 226331   | 10.619  | ug/L  | 99       |
| 23) Bromochloromethane        | 4.140  | 128  | 107356   | 10.316  | ug/L  | 97       |
| 25) Chloroform                | 4.265  | 83   | 399915   | 9.990   | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 5.034  | 62   | 230362   | 10.576  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 4.500  | 97   | 343932   | 10.172  | ug/L  | 99       |
| 30) Cyclohexane               | 4.571  | 56   | 295240   | 10.528  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.725  | 117  | 301795   | 10.118  | ug/L  | 100      |
| 33) Benzene                   | 4.998  | 78   | 856190   | 10.813  | ug/L  | 100      |
| 34) Trichloroethene           | 5.825  | 95   | 219214   | 10.155  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.040  | 83   | 326775   | 10.701  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.082  | 63   | 217930   | 10.987  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.423  | 83   | 281637   | 10.564  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 6.947  | 75   | 310751   | 11.587  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.149  | 43   | 1208017  | 118.342 | ug/L  | 99       |
| 42) Toluene                   | 7.307  | 91   | 909807   | 10.849  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 7.574  | 75   | 271795   | 11.801  | ug/L  | 96       |

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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.760  | 97   | 169850   | 10.559  | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.895  | 164  | 172544   | 9.947   | ug/L  | 99       |
| 48) 2-Hexanone                | 8.066  | 43   | 868811   | 123.316 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.169  | 129  | 187945   | 10.716  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.275  | 107  | 160027   | 10.731  | ug/L  | 99       |
| 51) Chlorobenzene             | 8.805  | 112  | 596378   | 10.321  | ug/L  | 99       |
| 52) Ethylbenzene              | 8.937  | 91   | 969665   | 10.899  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.066  | 106  | 381544   | 11.364  | ug/L  | 99       |
| 54) o-Xylene                  | 9.471  | 106  | 366748   | 11.221  | ug/L  | 94       |
| 55) Styrene                   | 9.487  | 104  | 678039   | 11.926  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.169 | 83   | 197492   | 10.500  | ug/L  | 98       |
| 59) Bromoform                 | 9.657  | 173  | 96755    | 10.596  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.857  | 105  | 969393   | 10.727  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.201 | 75   | 135687   | 10.101  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.468 | 105  | 780839   | 10.888  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.844 | 105  | 808242   | 11.302  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.107 | 146  | 492834   | 10.157  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.201 | 146  | 494580   | 10.082  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 11.570 | 146  | 457560   | 10.188  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.358 | 75   | 31132    | 10.324  | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 12.574 | 180  | 338539   | 9.849   | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.191 | 180  | 295453   | 10.398  | ug/L  | 98       |
| 71) Naphthalene               | 13.432 | 128  | 468064   | 10.589  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.670 | 180  | 278450   | 10.606  | ug/L  | 99       |

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

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