

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW112222\  
 Data File : VW029267.D  
 Acq On : 22 Nov 2022 17:03  
 Operator : SY/MD  
 Sample : VSTD02007  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD020207

Quant Time: Nov 23 01:02:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 23 01:00:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.609  | 114  | 311844   | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.844  | 117  | 273629   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152  | 140947   | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65   | 623148   | 20.949  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.565  | 69   | 475947   | 20.440  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63   | 1051333  | 20.748  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 3.889  | 46   | 990089   | 225.484 | ug/L  | -0.02    |
| 24) Chloroform-d              | 4.339  | 84   | 889005   | 21.074  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.024  | 65   | 427167   | 21.408  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.043  | 84   | 1915605  | 21.472  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67   | 604037   | 21.429  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.307  | 98   | 1733529  | 21.567  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.612  | 79   | 213212   | 22.717  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.085  | 63   | 410524   | 250.328 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84   | 309194   | 22.065  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152  | 564467   | 20.759  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.124  | 85   | 526348   | 20.209  | ug/L  | 100      |
| 3) Chloromethane              | 1.237  | 50   | 667229   | 18.637  | ug/L  | 99       |
| 5) Vinyl chloride             | 1.307  | 62   | 688055   | 20.033  | ug/L  | 98       |
| 6) Bromomethane               | 1.519  | 94   | 375819   | 19.791  | ug/L  | 97       |
| 8) Chloroethane               | 1.581  | 64   | 413476   | 20.089  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 1.748  | 101  | 806399   | 20.551  | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101  | 468269   | 20.143  | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.111  | 96   | 456531   | 19.840  | ug/L  | 93       |
| 13) Acetone                   | 2.188  | 43   | 697568   | 191.503 | ug/L  | 100      |
| 14) Carbon disulfide          | 2.288  | 76   | 1328867  | 20.450  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.433  | 43   | 175690   | 18.599  | ug/L  | 98       |
| 16) Methylene chloride        | 2.500  | 84   | 518215   | 14.305  | ug/L  | 100      |
| 17) Methyl tert-butyl Ether   | 2.764  | 73   | 1040862  | 20.592  | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 2.751  | 96   | 467974   | 20.015  | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 3.182  | 63   | 949892   | 20.158  | ug/L  | 99       |
| 21) 2-Butanone                | 3.970  | 43   | 1189660  | 206.317 | ug/L  | 96       |
| 22) cis-1,2-Dichloroethene    | 3.902  | 96   | 519752   | 20.371  | ug/L  | 99       |
| 23) Bromochloromethane        | 4.240  | 128  | 195903   | 20.547  | ug/L  | 100      |
| 25) Chloroform                | 4.365  | 83   | 910624   | 20.313  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.121  | 62   | 505340   | 20.577  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 4.600  | 97   | 753295   | 20.800  | ug/L  | 99       |
| 30) Cyclohexane               | 4.670  | 56   | 907770   | 20.728  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.822  | 117  | 600504   | 20.785  | ug/L  | 98       |
| 33) Benzene                   | 5.092  | 78   | 2042552  | 20.499  | ug/L  | 100      |
| 34) Trichloroethene           | 5.905  | 95   | 535360   | 20.418  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.124  | 83   | 882329   | 20.818  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.166  | 63   | 523337   | 20.257  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.503  | 83   | 611638   | 21.158  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.018  | 75   | 736105   | 22.008  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 2776846  | 212.883 | ug/L  | 99       |
| 42) Toluene                   | 7.381  | 91   | 2113712  | 20.633  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.641  | 75   | 565984   | 21.966  | ug/L  | 100      |

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 QLast Update : Wed Nov 23 01:00:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.831  | 97   | 313928   | 20.477  | ug/L  | 97       |
| 47) Tetrachloroethene         | 7.969  | 164  | 359563   | 20.882  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.133  | 43   | 1995392  | 198.920 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.239  | 129  | 341826   | 21.333  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.342  | 107  | 270362   | 20.843  | ug/L  | 99       |
| 51) Chlorobenzene             | 8.873  | 112  | 1262760  | 20.286  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.005  | 91   | 2294604  | 20.813  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.130  | 106  | 855940   | 20.914  | ug/L  | 98       |
| 54) o-Xylene                  | 9.535  | 106  | 840998   | 20.999  | ug/L  | 100      |
| 55) Styrene                   | 9.551  | 104  | 1455610  | 21.255  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.233 | 83   | 294736   | 21.515  | ug/L  | 98       |
| 59) Bromoform                 | 9.722  | 173  | 175645   | 21.243  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.921  | 105  | 2269117  | 19.961  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.265 | 75   | 262915   | 19.496  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.529 | 105  | 1971813  | 20.427  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.905 | 105  | 1982127  | 20.643  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.172 | 146  | 988620   | 19.874  | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 11.262 | 146  | 972305   | 19.953  | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 11.632 | 146  | 902188   | 20.020  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.416 | 75   | 39280    | 19.394  | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 12.635 | 180  | 777346   | 20.066  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.249 | 180  | 612115   | 20.360  | ug/L  | 98       |
| 71) Naphthalene               | 13.493 | 128  | 126760   | 11.931  | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.731 | 180  | 488706   | 20.189  | ug/L  | 99       |

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

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