

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091922\  
 Data File : VV027933.D  
 Acq On : 19 Sep 2022 17:45  
 Operator : SY/MD  
 Sample : VSTD02044  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD020244

Quant Time: Sep 20 01:27:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Sep 20 01:24:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114  | 125658   | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117  | 126283   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152  | 76567    | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.298  | 65   | 202269   | 23.367  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.561  | 69   | 180284   | 24.539  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.098  | 63   | 320930   | 18.708  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 3.873  | 46   | 389860   | 218.220 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.339  | 84   | 348393   | 20.643  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.024  | 65   | 148601   | 17.133  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.040  | 84   | 682125   | 19.487  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67   | 213476   | 21.016  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.310  | 98   | 626528   | 21.229  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.616  | 79   | 80075    | 22.818  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.082  | 63   | 397230   | 287.929 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84   | 171035   | 24.529  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152  | 249917   | 20.085  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.124  | 85   | 184395   | 15.580  | ug/L  | 98       |
| 3) Chloromethane              | 1.233  | 50   | 177376   | 16.184  | ug/L  | 99       |
| 5) Vinyl chloride             | 1.304  | 62   | 204308   | 18.379  | ug/L  | 100      |
| 6) Bromomethane               | 1.513  | 94   | 136551   | 21.302  | ug/L  | 97       |
| 8) Chloroethane               | 1.577  | 64   | 139669   | 21.278  | ug/L  | 96       |
| 9) Trichlorofluoromethane     | 1.744  | 101  | 320723   | 17.947  | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.108  | 101  | 190944   | 20.939  | ug/L  | 97       |
| 12) 1,1-Dichloroethene        | 2.108  | 96   | 170031   | 20.143  | ug/L  | 95       |
| 13) Acetone                   | 2.172  | 43   | 202204   | 153.416 | ug/L  | 98       |
| 14) Carbon disulfide          | 2.285  | 76   | 345183   | 14.671  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.426  | 43   | 54441    | 16.035  | ug/L  | 95       |
| 16) Methylene chloride        | 2.497  | 84   | 177020   | 16.145  | ug/L  | 94       |
| 17) Methyl tert-butyl Ether   | 2.761  | 73   | 355756   | 18.696  | ug/L  | 98       |
| 18) trans-1,2-Dichloroethene  | 2.751  | 96   | 166645   | 19.033  | ug/L  | 94       |
| 19) 1,1-Dichloroethane        | 3.178  | 63   | 316442   | 19.190  | ug/L  | 99       |
| 21) 2-Butanone                | 3.960  | 43   | 347529   | 187.568 | ug/L  | 96       |
| 22) cis-1,2-Dichloroethene    | 3.899  | 96   | 198059   | 20.793  | ug/L  | 94       |
| 23) Bromochloromethane        | 4.236  | 128  | 85876    | 21.087  | ug/L  | 97       |
| 25) Chloroform                | 4.365  | 83   | 337138   | 18.769  | ug/L  | 96       |
| 27) 1,2-Dichloroethane        | 5.121  | 62   | 169604   | 16.210  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 4.600  | 97   | 280961   | 15.656  | ug/L  | 99       |
| 30) Cyclohexane               | 4.667  | 56   | 229737   | 15.877  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.818  | 117  | 249252   | 16.222  | ug/L  | 96       |
| 33) Benzene                   | 5.092  | 78   | 711100   | 17.909  | ug/L  | 100      |
| 34) Trichloroethene           | 5.905  | 95   | 181786   | 18.552  | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.124  | 83   | 276724   | 18.619  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.165  | 63   | 187967   | 19.844  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.503  | 83   | 241046   | 19.252  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.021  | 75   | 266439   | 21.683  | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 891309   | 205.697 | ug/L  | 98       |
| 42) Toluene                   | 7.384  | 91   | 795641   | 20.407  | ug/L  | 96       |
| 44) trans-1,3-Dichloropropene | 7.645  | 75   | 218966   | 21.308  | ug/L  | 96       |

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 VSTD020244

Quant Time: Sep 20 01:27:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Sep 20 01:24:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 7.834  | 97   | 136249   | 21.443  | ug/L   | 97       |
| 47) Tetrachloroethene         | 7.973  | 164  | 155294   | 19.079  | ug/L   | 94       |
| 48) 2-Hexanone                | 8.133  | 43   | 618185   | 199.510 | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.243  | 129  | 173109   | 21.481  | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 8.349  | 107  | 122744   | 21.247  | ug/L   | 93       |
| 51) Chlorobenzene             | 8.876  | 112  | 533634   | 20.792  | ug/L   | 99       |
| 52) Ethylbenzene              | 9.008  | 91   | 874448   | 21.446  | ug/L   | 99       |
| 53) m,p-Xylene                | 9.133  | 106  | 346779   | 21.643  | ug/L   | 98       |
| 54) o-Xylene                  | 9.542  | 106  | 346253   | 22.587  | ug/L   | 97       |
| 55) Styrene                   | 9.558  | 104  | 605800   | 22.768  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.236 | 83   | 168622   | 23.130  | ug/L   | 96       |
| 59) Bromoform                 | 9.728  | 173  | 97148    | 20.859  | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.927  | 105  | 930326   | 20.101  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 110410   | 18.447  | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 255575   | 19.679  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 775177   | 20.786  | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 461772   | 19.298  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.268 | 146  | 462316   | 19.161  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 423677   | 19.424  | ug/L   | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 23559    | 18.139  | ug/L # | 74       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 367738   | 19.931  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 308023   | 20.779  | ug/L   | 99       |
| 71) Naphthalene               | 13.500 | 128  | 495465   | 21.050  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 274562   | 20.740  | ug/L   | 99       |

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

