

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011223\  
 Data File : VV029794.D  
 Acq On : 12 Jan 2023 18:54  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV221

Quant Time: Jan 12 22:12:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011223WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 12 22:05:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609  | 114   | 215109   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844  | 117   | 207505   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.236 | 152   | 117926   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 82508    | 5.057    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 101.200% |
| 7) Chloroethane-d5            | 1.564  | 69    | 66905    | 4.947    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 99.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 145413   | 4.889    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.800%  |
| 20) 2-Butanone-d5             | 3.915  | 46    | 154077   | 53.280   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.560% |
| 24) Chloroform-d              | 4.339  | 84    | 153521   | 5.129    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.600% |
| 26) 1,2-Dichloroethane-d4     | 5.024  | 65    | 65203    | 5.144    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.800% |
| 32) Benzene-d6                | 5.043  | 84    | 316404   | 5.140    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.800% |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 91368    | 5.072    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.400% |
| 41) Toluene-d8                | 7.307  | 98    | 293185   | 5.145    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.800% |
| 43) trans-1,3-Dichloroprop... | 7.612  | 79    | 34480    | 5.241    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 104.800% |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 146460   | 54.681   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 109.360% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.204 | 84    | 70279    | 5.324    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 106.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.612 | 152   | 111125   | 5.183    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 103.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 102114   | 5.100    | ug/L   | 98       |
| 3) Chloromethane              | 1.237  | 50    | 106638   | 5.061    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.307  | 62    | 108486   | 5.251    | ug/L   | 100      |
| 6) Bromomethane               | 1.519  | 94    | 55281    | 5.496    | ug/L   | 99       |
| 8) Chloroethane               | 1.581  | 64    | 65500    | 5.225    | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.748  | 101   | 142454   | 5.264    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101   | 82907    | 5.200    | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 82943    | 4.516    | ug/L   | 98       |
| 13) Acetone                   | 2.208  | 43    | 92531    | 44.830   | ug/L   | 94       |
| 14) Carbon disulfide          | 2.288  | 76    | 281343   | 5.320    | ug/L   | 100      |
| 15) Methyl Acetate            | 2.445  | 43    | 23974    | 4.460    | ug/L   | 95       |
| 16) Methylene chloride        | 2.500  | 84    | 108943   | 4.775    | ug/L   | 98       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 170938   | 5.382    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.754  | 96    | 90990    | 5.329    | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.182  | 63    | 149545   | 5.236    | ug/L   | 99       |
| 21) 2-Butanone                | 3.995  | 43    | 141700   | 47.922   | ug/L   | 89       |
| 22) cis-1,2-Dichloroethene    | 3.902  | 96    | 95085    | 5.226    | ug/L   | 100      |
| 23) Bromochloromethane        | 4.240  | 128   | 39345    | 5.237    | ug/L   | 95       |
| 25) Chloroform                | 4.365  | 83    | 156132   | 5.029    | ug/L   | 96       |

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 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV221

Quant Time: Jan 12 22:12:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011223WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 12 22:05:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.124  | 62   | 79883    | 5.295  | ug/L   | 97       |
| 29) 1,1,1-Trichloroethane     | 4.600  | 97   | 138715   | 5.148  | ug/L   | 99       |
| 30) Cyclohexane               | 4.667  | 56   | 137898   | 5.406  | ug/L   | 98       |
| 31) Carbon tetrachloride      | 4.818  | 117  | 120926   | 5.158  | ug/L   | 100      |
| 33) Benzene                   | 5.092  | 78   | 370987   | 5.407  | ug/L   | 100      |
| 34) Trichloroethene           | 5.905  | 95   | 92128    | 5.299  | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.124  | 83   | 157991   | 5.382  | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.166  | 63   | 86586    | 5.389  | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.503  | 83   | 109305   | 5.260  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.021  | 75   | 115788   | 5.374  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 386389   | 56.354 | ug/L   | 99       |
| 42) Toluene                   | 7.381  | 91   | 407193   | 5.503  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.641  | 75   | 93934    | 5.410  | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 7.831  | 97   | 59921    | 5.176  | ug/L   | 99       |
| 47) Tetrachloroethene         | 7.966  | 164  | 76726    | 5.242  | ug/L   | 99       |
| 48) 2-Hexanone                | 8.137  | 43   | 272697   | 55.644 | ug/L   | 97       |
| 49) Dibromochloromethane      | 8.236  | 129  | 72042    | 5.303  | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 8.342  | 107  | 53117    | 5.286  | ug/L # | 97       |
| 51) Chlorobenzene             | 8.873  | 112  | 247444   | 5.267  | ug/L   | 99       |
| 52) Ethylbenzene              | 9.001  | 91   | 412922   | 5.332  | ug/L   | 100      |
| 53) m,p-Xylene                | 9.130  | 106  | 166010   | 5.416  | ug/L   | 100      |
| 54) o-Xylene                  | 9.535  | 106  | 156203   | 5.369  | ug/L   | 99       |
| 55) Styrene                   | 9.551  | 104  | 275536   | 5.507  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.230 | 83   | 70803    | 5.506  | ug/L   | 99       |
| 59) Bromoform                 | 9.722  | 173  | 40214    | 5.265  | ug/L   | 99       |
| 60) Isopropylbenzene          | 9.921  | 105  | 416174   | 5.521  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.262 | 75   | 48241    | 5.525  | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.529 | 105  | 350573   | 5.427  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.905 | 105  | 356363   | 5.532  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.169 | 146  | 207655   | 5.425  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.262 | 146  | 204893   | 5.370  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.632 | 146  | 189521   | 5.508  | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.416 | 75   | 11021    | 5.337  | ug/L   | 89       |
| 69) 1,3,5-Trichlorobenzene    | 12.632 | 180  | 167233   | 5.428  | ug/L   | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.249 | 180  | 129514   | 5.379  | ug/L   | 100      |
| 71) Naphthalene               | 13.490 | 128  | 180216   | 5.778  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.728 | 180  | 106252   | 5.317  | ug/L   | 98       |

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

