

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111122\  
 Data File : VW028878.D  
 Acq On : 11 Nov 2022 15:34  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV202

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 11/14/2022  
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 11 22:20:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 11 22:15:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114   | 323044   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 281611   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152   | 151959   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 99379    | 5.046    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 101.000% |
| 7) Chloroethane-d5            | 1.564  | 69    | 88311    | 5.101    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 102.000% |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 185642   | 5.172    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 103.400% |
| 20) 2-Butanone-d5             | 3.902  | 46    | 151644   | 45.998   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 92.000%  |
| 24) Chloroform-d              | 4.339  | 84    | 211411   | 5.229    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.600% |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 92347    | 5.076    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.600% |
| 32) Benzene-d6                | 5.043  | 84    | 455854   | 5.423    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 108.400% |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 125464   | 5.345    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 107.000% |
| 41) Toluene-d8                | 7.310  | 98    | 423732   | 5.600    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 112.000% |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79    | 42228    | 5.516    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 110.400% |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 177002   | 54.168   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 108.340% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84    | 84649    | 5.202    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.000% |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152   | 145024   | 5.334    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 106.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 143202   | 5.318    | ug/L   | 100      |
| 3) Chloromethane              | 1.237  | 50    | 113293   | 5.069    | ug/L   | 100      |
| 5) Vinyl chloride             | 1.307  | 62    | 128025   | 5.022    | ug/L   | 98       |
| 6) Bromomethane               | 1.519  | 94    | 80491    | 5.283    | ug/L   | 97       |
| 8) Chloroethane               | 1.584  | 64    | 75993    | 5.073    | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.751  | 101   | 180807   | 5.260    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101   | 100780   | 5.178    | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 104032   | 5.320    | ug/L   | 97       |
| 13) Acetone                   | 2.191  | 43    | 99698m   | 47.012   | ug/L   |          |
| 14) Carbon disulfide          | 2.291  | 76    | 365965   | 5.270    | ug/L   | 100      |
| 15) Methyl Acetate            | 2.442  | 43    | 29308    | 5.695    | ug/L # | 87       |
| 16) Methylene chloride        | 2.500  | 84    | 173943   | 6.879    | ug/L   | 98       |
| 17) Methyl tert-butyl Ether   | 2.764  | 73    | 225042   | 5.368    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.754  | 96    | 119146   | 5.253    | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.182  | 63    | 198303   | 5.348    | ug/L   | 99       |
| 21) 2-Butanone                | 3.979  | 43    | 147102   | 44.803   | ug/L   | 91       |
| 22) cis-1,2-Dichloroethene    | 3.902  | 96    | 124228   | 5.388    | ug/L   | 97       |
| 23) Bromochloromethane        | 4.243  | 128   | 51260    | 5.256    | ug/L   | 94       |
| 25) Chloroform                | 4.368  | 83    | 209529   | 5.391    | ug/L   | 97       |

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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 11 22:15:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.127  | 62   | 105082   | 5.249  | ug/L   | 98       |
| 29) 1,1,1-Trichloroethane     | 4.600  | 97   | 178742   | 5.409  | ug/L   | 98       |
| 30) Cyclohexane               | 4.670  | 56   | 189489   | 5.642  | ug/L   | 98       |
| 31) Carbon tetrachloride      | 4.818  | 117  | 155585   | 5.467  | ug/L   | 99       |
| 33) Benzene                   | 5.092  | 78   | 477484   | 5.549  | ug/L   | 100      |
| 34) Trichloroethene           | 5.908  | 95   | 120370   | 5.464  | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.124  | 83   | 212516   | 5.489  | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.169  | 63   | 104732   | 5.278  | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.503  | 83   | 136823   | 5.444  | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 156844   | 5.661  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 483011   | 56.572 | ug/L   | 98       |
| 42) Toluene                   | 7.381  | 91   | 513742   | 5.526  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 122638   | 5.702  | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 7.834  | 97   | 70829    | 5.452  | ug/L   | 97       |
| 47) Tetrachloroethene         | 7.969  | 164  | 96712    | 5.482  | ug/L   | 98       |
| 48) 2-Hexanone                | 8.137  | 43   | 329893   | 55.159 | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.239  | 129  | 85554    | 5.447  | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 8.346  | 107  | 65106    | 5.395  | ug/L   | 100      |
| 51) Chlorobenzene             | 8.876  | 112  | 312587   | 5.438  | ug/L   | 100      |
| 52) Ethylbenzene              | 9.005  | 91   | 529070   | 5.466  | ug/L   | 100      |
| 53) m,p-Xylene                | 9.130  | 106  | 205406   | 5.336  | ug/L   | 95       |
| 54) o-Xylene                  | 9.535  | 106  | 200981   | 5.492  | ug/L   | 97       |
| 55) Styrene                   | 9.555  | 104  | 344105   | 5.606  | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.233 | 83   | 79888    | 5.276  | ug/L   | 99       |
| 59) Bromoform                 | 9.725  | 173  | 45353    | 5.475  | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.924  | 105  | 540433   | 5.479  | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 10.268 | 75   | 56605    | 5.451  | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.529 | 105  | 461902   | 5.528  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.905 | 105  | 464178   | 5.546  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.172 | 146  | 257891   | 5.565  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.265 | 146  | 253636   | 5.444  | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.635 | 146  | 230969   | 5.547  | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.419 | 75   | 11006    | 5.387  | ug/L # | 77       |
| 69) 1,3,5-Trichlorobenzene    | 12.635 | 180  | 201955   | 5.648  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.252 | 180  | 164833   | 6.095  | ug/L   | 98       |
| 71) Naphthalene               | 13.493 | 128  | 252794   | 7.244  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.734 | 180  | 143238   | 6.254  | ug/L   | 100      |

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

