

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW112322\  
 Data File : VW029298.D  
 Acq On : 23 Nov 2022 16:34  
 Operator : SY/MD  
 Sample : VSTD00111  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD001211

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/25/2022  
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 24 01:08:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 24 01:07:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene        | 5.609  | 114  | 269188   | 5.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.844  | 117  | 236466   | 5.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152  | 124242   | 5.000 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65   | 15106    | 0.912 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.565  | 69   | 11016    | 0.908 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63   | 24194    | 0.913 | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 3.925  | 46   | 23945m   | 8.659 | ug/L  | 0.02     |
| 24) Chloroform-d              | 4.339  | 84   | 27293    | 0.923 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65   | 12159    | 0.935 | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.044  | 84   | 57952    | 0.887 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67   | 16049    | 0.874 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.310  | 98   | 53416    | 0.866 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79   | 5629     | 0.795 | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.088  | 63   | 21118m   | 8.368 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84   | 10429    | 0.920 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152  | 20312    | 0.936 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 18146    | 0.903 | ug/L  | 99       |
| 3) Chloromethane              | 1.240  | 50   | 17082    | 0.928 | ug/L  | 99       |
| 5) Vinyl chloride             | 1.307  | 62   | 15682    | 0.855 | ug/L  | 99       |
| 6) Bromomethane               | 1.516  | 94   | 9801     | 0.857 | ug/L  | 99       |
| 8) Chloroethane               | 1.581  | 64   | 8857     | 0.813 | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 1.748  | 101  | 22613    | 0.881 | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101  | 12244    | 0.856 | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.114  | 96   | 12323    | 0.890 | ug/L  | 97       |
| 13) Acetone                   | 2.195  | 43   | 18869m   | 9.369 | ug/L  |          |
| 14) Carbon disulfide          | 2.288  | 76   | 33538    | 0.834 | ug/L  | 99       |
| 15) Methyl Acetate            | 2.436  | 43   | 6192m    | 1.059 | ug/L  |          |
| 16) Methylene chloride        | 2.500  | 84   | 18970    | 0.897 | ug/L  | 97       |
| 17) Methyl tert-butyl Ether   | 2.764  | 73   | 29010    | 0.820 | ug/L  | 97       |
| 18) trans-1,2-Dichloroethene  | 2.754  | 96   | 13268    | 0.835 | ug/L  | 94       |
| 19) 1,1-Dichloroethane        | 3.185  | 63   | 24211    | 0.847 | ug/L  | 95       |
| 21) 2-Butanone                | 4.008  | 43   | 25094m   | 7.937 | ug/L  |          |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96   | 15382    | 0.847 | ug/L  | 89       |
| 23) Bromochloromethane        | 4.243  | 128  | 5765     | 0.792 | ug/L  | 96       |
| 25) Chloroform                | 4.368  | 83   | 25559    | 0.856 | ug/L  | 98       |
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 13728    | 0.849 | ug/L  | 96       |
| 29) 1,1,1-Trichloroethane     | 4.600  | 97   | 22287    | 0.819 | ug/L  | 99       |
| 30) Cyclohexane               | 4.667  | 56   | 22387    | 0.833 | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.818  | 117  | 18748    | 0.815 | ug/L  | 99       |
| 33) Benzene                   | 5.095  | 78   | 58135    | 0.822 | ug/L  | 100      |
| 34) Trichloroethene           | 5.912  | 95   | 15082    | 0.836 | ug/L  | 95       |
| 35) Methylcyclohexane         | 6.124  | 83   | 26042    | 0.855 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.169  | 63   | 14087    | 0.846 | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.503  | 83   | 16053    | 0.805 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 19042    | 0.782 | ug/L  | 96       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 62789    | 8.054 | ug/L  | 98       |
| 42) Toluene                   | 7.381  | 91   | 63001    | 0.830 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 14498    | 0.752 | ug/L  | 99       |

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Quant Time: Nov 24 01:08:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 24 01:07:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 7.834  | 97   | 8839     | 0.784 | ug/L   | 96       |
| 47) Tetrachloroethene         | 7.969  | 164  | 12306    | 0.832 | ug/L   | 96       |
| 48) 2-Hexanone                | 8.140  | 43   | 43422m   | 7.941 | ug/L   |          |
| 49) Dibromochloromethane      | 8.240  | 129  | 9813     | 0.773 | ug/L   | 97       |
| 50) 1,2-Dibromoethane         | 8.349  | 107  | 8003     | 0.813 | ug/L   | 98       |
| 51) Chlorobenzene             | 8.876  | 112  | 40718    | 0.858 | ug/L   | 97       |
| 52) Ethylbenzene              | 9.005  | 91   | 66658    | 0.842 | ug/L   | 97       |
| 53) m,p-Xylene                | 9.133  | 106  | 26980    | 0.864 | ug/L   | 98       |
| 54) o-Xylene                  | 9.535  | 106  | 25921    | 0.845 | ug/L   | 96       |
| 55) Styrene                   | 9.555  | 104  | 43269    | 0.836 | ug/L   | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.233 | 83   | 9931     | 0.851 | ug/L # | 94       |
| 59) Bromoform                 | 9.722  | 173  | 5530     | 0.847 | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.921  | 105  | 69643    | 0.867 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.265 | 75   | 7362     | 0.854 | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.529 | 105  | 59855    | 0.861 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.905 | 105  | 60517    | 0.865 | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.172 | 146  | 31536    | 0.842 | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 11.262 | 146  | 32656    | 0.881 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.632 | 146  | 29711    | 0.861 | ug/L   | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.416 | 75   | 1438     | 0.850 | ug/L # | 74       |
| 69) 1,3,5-Trichlorobenzene    | 12.635 | 180  | 27018    | 0.875 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.249 | 180  | 21161    | 0.846 | ug/L   | 99       |
| 71) Naphthalene               | 13.497 | 128  | 19497    | 0.900 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.731 | 180  | 17402    | 0.854 | ug/L   | 100      |
| -----                         |        |      |          |       |        |          |

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

