

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW090622\  
 Data File : VW027746.D  
 Acq On : 06 Sep 2022 16:48  
 Operator : SY/MD  
 Sample : VSTD00132  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD001232

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 09/08/2022  
 Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 07 05:17:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 07 05:11:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.597  | 114  | 178240   | 5.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.863  | 117  | 137316   | 5.000 | ug/L   | 0.01     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152  | 65690    | 5.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.298  | 65   | 11942    | 0.677 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.558  | 69   | 9993     | 0.670 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.098  | 63   | 24002    | 0.670 | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 3.966  | 46   | 26750    | 8.250 | ug/L   | 0.02     |
| 24) Chloroform-d              | 4.355  | 84   | 24553    | 0.677 | ug/L   | 0.02     |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65   | 13508    | 0.815 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.037  | 84   | 43236    | 0.801 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67   | 12575m   | 0.742 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.336  | 98   | 32529    | 0.703 | ug/L   | 0.03     |
| 43) trans-1,3-Dichloroprop... | 7.651  | 79   | 3838     | 0.750 | ug/L   | 0.03     |
| 46) 2-Hexanone-d5             | 8.121  | 63   | 11966    | 6.235 | ug/L   | 0.02     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84   | 8114     | 0.763 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 11478    | 0.807 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.124  | 85   | 16205    | 0.715 | ug/L   | 99       |
| 3) Chloromethane              | 1.230  | 50   | 15337    | 0.712 | ug/L   | 99       |
| 5) Vinyl chloride             | 1.301  | 62   | 15041    | 0.727 | ug/L   | 98       |
| 6) Bromomethane               | 1.513  | 94   | 8358     | 0.844 | ug/L   | 98       |
| 8) Chloroethane               | 1.577  | 64   | 8488     | 0.725 | ug/L   | 91       |
| 9) Trichlorofluoromethane     | 1.745  | 101  | 23512    | 0.818 | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.108  | 101  | 11879    | 0.765 | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.108  | 96   | 10862    | 0.754 | ug/L   | 93       |
| 13) Acetone                   | 2.230  | 43   | 20129m   | 9.208 | ug/L   |          |
| 14) Carbon disulfide          | 2.282  | 76   | 32082    | 0.710 | ug/L   | 100      |
| 15) Methyl Acetate            | 2.452  | 43   | 4786m    | 0.806 | ug/L   |          |
| 16) Methylene chloride        | 2.500  | 84   | 12831    | 0.725 | ug/L   | 95       |
| 17) Methyl tert-butyl Ether   | 2.777  | 73   | 27651    | 0.883 | ug/L   | 96       |
| 18) trans-1,2-Dichloroethene  | 2.748  | 96   | 11966    | 0.750 | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.192  | 63   | 22308    | 0.715 | ug/L   | 97       |
| 21) 2-Butanone                | 4.047  | 43   | 25851    | 8.677 | ug/L   | 95       |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96   | 13234    | 0.810 | ug/L # | 95       |
| 23) Bromochloromethane        | 4.256  | 128  | 5317     | 0.752 | ug/L   | 93       |
| 25) Chloroform                | 4.381  | 83   | 24461    | 0.738 | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 5.127  | 62   | 15542    | 0.838 | ug/L   | 98       |
| 29) 1,1,1-Trichloroethane     | 4.606  | 97   | 23157    | 0.980 | ug/L   | 97       |
| 30) Cyclohexane               | 4.661  | 56   | 17289    | 0.868 | ug/L   | 93       |
| 31) Carbon tetrachloride      | 4.815  | 117  | 18233    | 0.903 | ug/L   | 97       |
| 33) Benzene                   | 5.085  | 78   | 47207    | 0.905 | ug/L   | 100      |
| 34) Trichloroethene           | 5.892  | 95   | 11129    | 0.848 | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.108  | 83   | 16835m   | 0.827 | ug/L   |          |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 10327    | 0.776 | ug/L   | 98       |
| 38) Bromodichloromethane      | 6.510  | 83   | 14124    | 0.839 | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.053  | 75   | 12924    | 0.808 | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 7.269  | 43   | 42570    | 7.394 | ug/L   | 99       |
| 42) Toluene                   | 7.407  | 91   | 39546    | 0.764 | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.674  | 75   | 9968     | 0.764 | ug/L   | 100      |

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 ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Sep 07 05:17:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 07 05:11:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 7.860  | 97   | 7156     | 0.847 | ug/L   | 98       |
| 47) Tetrachloroethene         | 7.989  | 164  | 8965     | 0.857 | ug/L   | 93       |
| 48) 2-Hexanone                | 8.172  | 43   | 29578    | 6.846 | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.262  | 129  | 8673     | 0.860 | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 8.371  | 107  | 6261     | 0.824 | ug/L # | 96       |
| 51) Chlorobenzene             | 8.892  | 112  | 26926    | 0.818 | ug/L   | 97       |
| 52) Ethylbenzene              | 9.021  | 91   | 40086    | 0.758 | ug/L   | 98       |
| 53) m,p-Xylene                | 9.146  | 106  | 15562    | 0.762 | ug/L   | 95       |
| 54) o-Xylene                  | 9.548  | 106  | 15336    | 0.786 | ug/L   | 97       |
| 55) Styrene                   | 9.567  | 104  | 25647    | 0.773 | ug/L   | 95       |
| 57) 1,1,2,2-Tetrachloroethane | 10.246 | 83   | 8140     | 0.877 | ug/L   | 99       |
| 59) Bromoform                 | 9.738  | 173  | 4144     | 0.902 | ug/L   | 100      |
| 60) Isopropylbenzene          | 9.934  | 105  | 39298    | 0.803 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.281 | 75   | 5648     | 0.885 | ug/L   | 92       |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 11771    | 0.869 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 10.918 | 105  | 30416    | 0.791 | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.185 | 146  | 21476    | 0.914 | ug/L   | 92       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 21084    | 0.898 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.645 | 146  | 18604    | 0.879 | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 1162     | 0.906 | ug/L # | 83       |
| 69) 1,3,5-Trichlorobenzene    | 12.645 | 180  | 15550    | 0.910 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.259 | 180  | 12029    | 0.947 | ug/L   | 97       |
| 71) Naphthalene               | 13.503 | 128  | 19897    | 0.997 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 10477    | 0.914 | ug/L   | 97       |
| -----                         |        |      |          |       |        |          |

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

