

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102522\  
 Data File : VW028680.D  
 Acq On : 25 Oct 2022 11:00  
 Operator : SY/MD  
 Sample : VSTD00171  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD001271

Quant Time: Oct 27 04:36:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 27 04:33:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114  | 243274   | 5.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117  | 176563   | 5.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.243 | 152  | 78716    | 5.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65   | 14855    | 0.666 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.564  | 69   | 12321    | 0.690 | ug/L   | -0.01    |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63   | 26735    | 0.678 | ug/L   | -0.02    |
| 20) 2-Butanone-d5             | 3.960  | 46   | 33962    | 7.473 | ug/L   | -0.01    |
| 24) Chloroform-d              | 4.346  | 84   | 26029    | 0.754 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65   | 14238    | 0.750 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.043  | 84   | 49281    | 0.685 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67   | 14777    | 0.675 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.313  | 98   | 32060    | 0.615 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79   | 3766     | 0.655 | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.114  | 63   | 14922    | 6.204 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84   | 8457     | 0.761 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.619 | 152  | 9638     | 0.714 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 7901     | 0.701 | ug/L   | 96       |
| 3) Chloromethane              | 1.236  | 50   | 17407    | 0.779 | ug/L   | 94       |
| 5) Vinyl chloride             | 1.307  | 62   | 15815    | 0.735 | ug/L   | 96       |
| 6) Bromomethane               | 1.519  | 94   | 7430     | 0.708 | ug/L   | 96       |
| 8) Chloroethane               | 1.584  | 64   | 10294    | 0.711 | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.748  | 101  | 21086    | 0.789 | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101  | 11965    | 0.760 | ug/L   | 93       |
| 12) 1,1-Dichloroethene        | 2.111  | 96   | 10908    | 0.732 | ug/L   | 84       |
| 13) Acetone                   | 2.246  | 43   | 18712    | 6.560 | ug/L   | 78       |
| 14) Carbon disulfide          | 2.285  | 76   | 27654    | 0.772 | ug/L # | 92       |
| 15) Methyl Acetate            | 2.458  | 43   | 6379     | 0.751 | ug/L # | 91       |
| 16) Methylene chloride        | 2.500  | 84   | 17551    | 0.814 | ug/L   | 96       |
| 17) Methyl tert-butyl Ether   | 2.777  | 73   | 32876    | 0.796 | ug/L   | 97       |
| 18) trans-1,2-Dichloroethene  | 2.748  | 96   | 12566    | 0.775 | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.175  | 63   | 30920    | 0.808 | ug/L   | 99       |
| 21) 2-Butanone                | 4.047  | 43   | 35025    | 6.932 | ug/L   | 92       |
| 22) cis-1,2-Dichloroethene    | 3.902  | 96   | 14500    | 0.771 | ug/L # | 97       |
| 23) Bromochloromethane        | 4.240  | 128  | 5354     | 0.774 | ug/L   | 88       |
| 25) Chloroform                | 4.371  | 83   | 29024    | 0.798 | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 5.137  | 62   | 17157    | 0.743 | ug/L   | 96       |
| 29) 1,1,1-Trichloroethane     | 4.593  | 97   | 23475    | 0.809 | ug/L   | 98       |
| 30) Cyclohexane               | 4.654  | 56   | 24855    | 0.800 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.809  | 117  | 17904    | 0.829 | ug/L   | 100      |
| 33) Benzene                   | 5.092  | 78   | 55071    | 0.711 | ug/L   | 100      |
| 34) Trichloroethene           | 5.905  | 95   | 13705    | 0.773 | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.114  | 83   | 16138    | 0.614 | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 12416    | 0.620 | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.510  | 83   | 15255    | 0.770 | ug/L # | 97       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 14245    | 0.666 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.252  | 43   | 68578    | 6.763 | ug/L   | 96       |
| 42) Toluene                   | 7.384  | 91   | 44364    | 0.685 | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 10159    | 0.647 | ug/L   | 92       |

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 VSTD001271

Quant Time: Oct 27 04:36:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 27 04:33:35 2022  
 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 7955     | 0.794 | ug/L   | 87       |
| 47) Tetrachloroethene         | 7.969  | 164  | 7671     | 0.788 | ug/L   | 96       |
| 48) 2-Hexanone                | 8.162  | 43   | 42818    | 6.607 | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.246  | 129  | 7179     | 0.767 | ug/L   | 83       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 6701     | 0.785 | ug/L # | 99       |
| 51) Chlorobenzene             | 8.879  | 112  | 27969    | 0.737 | ug/L   | 97       |
| 52) Ethylbenzene              | 9.008  | 91   | 47181    | 0.701 | ug/L   | 100      |
| 53) m,p-Xylene                | 9.136  | 106  | 16824    | 0.692 | ug/L   | 91       |
| 54) o-Xylene                  | 9.538  | 106  | 17521    | 0.719 | ug/L   | 96       |
| 55) Styrene                   | 9.558  | 104  | 26811    | 0.647 | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.236 | 83   | 9169     | 0.777 | ug/L   | 97       |
| 59) Bromoform                 | 9.728  | 173  | 3459     | 0.906 | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.924  | 105  | 45677    | 0.728 | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 10.272 | 75   | 6317     | 0.772 | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene    | 10.532 | 105  | 12772    | 0.707 | ug/L   | 95       |
| 63) 1,2,4-Trimethylbenzene    | 10.908 | 105  | 34229    | 0.706 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.175 | 146  | 19117    | 0.766 | ug/L   | 100      |
| 65) 1,4-Dichlorobenzene       | 11.265 | 146  | 18847    | 0.752 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.638 | 146  | 17325    | 0.750 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.423 | 75   | 1171     | 0.799 | ug/L   | 97       |
| 69) 1,3,5-Trichlorobenzene    | 12.638 | 180  | 14222    | 0.798 | ug/L   | 94       |
| 70) 1,2,4-trichlorobenzene    | 13.252 | 180  | 10062    | 0.719 | ug/L   | 97       |
| 71) Naphthalene               | 13.496 | 128  | 16696    | 0.701 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.734 | 180  | 8962     | 0.732 | ug/L   | 96       |
| -----                         |        |      |          |       |        |          |

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

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