

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012921\  
 Data File : VW020211.D  
 Acq On : 28 Jan 2021 11:20  
 Operator : SY/MD  
 Sample : VSTD02061  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD020706

Quant Time: Jan 28 12:08:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012921WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 28 11:45:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc Units    | Dev(Min)   |
|-------------------------------|--------|------|----------|---------------|------------|
| Internal Standards            |        |      |          |               |            |
| 1) 1,4-Difluorobenzene        | 5.621  | 114  | 449846   | 5.00 ug/L     | 0.00       |
| 28) Chlorobenzene-d5          | 8.859  | 117  | 443311   | 5.00 ug/L     | 0.00       |
| 58) 1,4-Dichlorobenzene-d4    | 11.257 | 152  | 260541   | 5.00 ug/L     | 0.00       |
| System Monitoring Compounds   |        |      |          |               |            |
| 4) Vinyl Chloride-d3          | 1.306  | 65   | 620771   | 19.49 ug/L    | 0.00       |
| 7) Chloroethane-d5            | 1.566  | 69   | 521605   | 18.99 ug/L    | 0.00       |
| 11) 1,1-Dichloroethene-d2     | 2.106  | 63   | 750657   | 16.88 ug/L    | 0.00       |
| 20) 2-Butanone-d5             | 3.923  | 46   | 1515420  | 236.66 ug/L   | 0.00       |
| 24) Chloroform-d              | 4.351  | 84   | 1215431  | 19.72 ug/L    | 0.00       |
| 26) 1,2-Dichloroethane-d4     | 5.036  | 65   | 605919   | 19.86 ug/L    | 0.00       |
| 32) Benzene-d6                | 5.052  | 84   | 2310703  | 19.59 ug/L    | 0.00       |
| 36) 1,2-Dichloropropane-d6    | 6.074  | 67   | 700177   | 20.11 ug/L    | 0.00       |
| 41) Toluene-d8                | 7.318  | 98   | 2177373  | 19.96 ug/L    | 0.00       |
| 43) trans-1,3-Dichloroprop... | 7.624  | 79   | 290179   | 22.35 ug/L    | 0.00       |
| 46) 2-Hexanone-d5             | 8.093  | 63   | 1307826  | 243.02 ug/L   | 0.00       |
| 56) 1,1,2,2-Tetrachloroeth... | 10.222 | 84   | 450602   | 19.17 ug/L    | 0.00       |
| 66) 1,2-Dichlorobenzene-d4    | 11.630 | 152  | 900519   | 19.85 ug/L    | 0.00       |
| Target Compounds              |        |      |          |               |            |
| 2) Dichlorodifluoromethane    | 1.129  | 85   | 886859   | 20.04 ug/L    | Qvalue 100 |
| 3) Chloromethane              | 1.238  | 50   | 834085   | 19.21 ug/L    | 99         |
| 5) Vinyl chloride             | 1.309  | 62   | 819540   | 19.69 ug/L    | 99         |
| 6) Bromomethane               | 1.521  | 94   | 471398   | 19.61 ug/L    | 99         |
| 8) Chloroethane               | 1.582  | 64   | 478210   | 19.52 ug/L    | 98         |
| 9) Trichlorofluoromethane     | 1.750  | 101  | 1011608  | 20.27 ug/L    | 100        |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.113  | 101  | 455717   | 17.73 ug/L #  | 79         |
| 12) 1,1-Dichloroethene        | 2.116  | 96   | 431417   | 17.32 ug/L    | 71         |
| 13) Acetone                   | 2.235  | 43   | 594177   | 153.88 ug/L # | 59         |
| 14) Carbon disulfide          | 2.290  | 76   | 1512806  | 16.09 ug/L    | 99         |
| 15) Methyl Acetate            | 2.450  | 43   | 262311   | 23.86 ug/L #  | 77         |
| 16) Methylene chloride        | 2.505  | 84   | 635137   | 19.05 ug/L    | 93         |
| 17) Methyl tert-butyl Ether   | 2.775  | 73   | 1492614  | 21.70 ug/L    | 97         |
| 18) trans-1,2-Dichloroethene  | 2.759  | 96   | 657791   | 19.89 ug/L    | 94         |
| 19) 1,1-Dichloroethane        | 3.190  | 63   | 1176830  | 19.85 ug/L    | 99         |
| 21) 2-Butanone                | 4.007  | 43   | 1649991  | 240.92 ug/L   | 93         |
| 22) cis-1,2-Dichloroethene    | 3.913  | 96   | 699810   | 20.53 ug/L    | 91         |
| 23) Bromochloromethane        | 4.251  | 128  | 311758   | 21.01 ug/L #  | 84         |
| 25) Chloroform                | 4.380  | 83   | 1217862  | 19.89 ug/L    | 98         |
| 27) 1,2-Dichloroethane        | 5.135  | 62   | 760108   | 20.81 ug/L    | 100        |
| 29) 1,1,1-Trichloroethane     | 4.611  | 97   | 1110748  | 20.03 ug/L    | 96         |
| 30) Cyclohexane               | 4.679  | 56   | 1095091  | 20.68 ug/L    | 96         |
| 31) Carbon tetrachloride      | 4.830  | 117  | 986047   | 20.28 ug/L    | 100        |
| 33) Benzene                   | 5.103  | 78   | 2611273  | 19.96 ug/L    | 100        |
| 34) Trichloroethene           | 5.917  | 95   | 709039   | 19.57 ug/L    | 91         |
| 35) Methylcyclohexane         | 6.135  | 83   | 1147587  | 20.98 ug/L    | 94         |
| 37) 1,2-Dichloropropane       | 6.177  | 63   | 648182   | 20.45 ug/L    | 99         |
| 38) Bromodichloromethane      | 6.515  | 83   | 857099   | 20.63 ug/L    | 98         |
| 39) cis-1,3-Dichloropropene   | 7.032  | 75   | 1002528  | 22.68 ug/L    | 97         |
| 40) 4-Methyl-2-pentanone      | 7.235  | 43   | 3951621  | 224.32 ug/L # | 94         |
| 42) Toluene                   | 7.392  | 91   | 2849612  | 20.45 ug/L    | 100        |
| 44) trans-1,3-Dichloropropene | 7.653  | 75   | 853171   | 23.03 ug/L    | 97         |

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 Sample : VSTD02061  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD020706

Quant Time: Jan 28 12:08:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012921WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 28 11:45:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 45) 1,1,2-Trichloroethane     | 7.843  | 97   | 463099   | 20.89  | ug/L   | 98       |
| 47) Tetrachloroethene         | 7.978  | 164  | 611620   | 19.72  | ug/L   | 92       |
| 48) 2-Hexanone                | 8.148  | 43   | 2818094  | 230.17 | ug/L   | 95       |
| 49) Dibromochloromethane      | 8.251  | 129  | 589163   | 22.24  | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 8.357  | 107  | 454316   | 21.42  | ug/L # | 97       |
| 51) Chlorobenzene             | 8.884  | 112  | 1855733  | 20.20  | ug/L   | 95       |
| 52) Ethylbenzene              | 9.016  | 91   | 3205528  | 20.55  | ug/L   | 97       |
| 53) m,p-xylene                | 9.142  | 106  | 1230371  | 21.15  | ug/L   | 97       |
| 54) o-xylene                  | 9.547  | 106  | 1199839  | 21.32  | ug/L   | 95       |
| 55) Styrene                   | 9.566  | 104  | 2084201  | 21.85  | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 10.248 | 83   | 461993   | 19.50  | ug/L   | 98       |
| 59) Bromoform                 | 9.736  | 173  | 347257   | 22.88  | ug/L # | 96       |
| 60) Isopropylbenzene          | 9.936  | 105  | 2810761  | 18.05  | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 10.280 | 75   | 338450   | 18.54  | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 10.543 | 105  | 2765965  | 21.48  | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 10.920 | 105  | 2826740  | 21.42  | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 11.186 | 146  | 1609602  | 19.85  | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.280 | 146  | 1603813  | 19.55  | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 11.649 | 146  | 1496970  | 20.39  | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.437 | 75   | 95943    | 22.28  | ug/L # | 72       |
| 69) 1,3,5-Trichlorobenzene    | 12.653 | 180  | 1428141  | 20.44  | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.270 | 180  | 1222668  | 21.57  | ug/L   | 97       |
| 71) Naphthalene               | 13.511 | 128  | 1915343  | 24.83  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.752 | 180  | 1036935  | 20.66  | ug/L   | 95       |
| -----                         |        |      |          |        |        |          |

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

