

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW091722\  
 Data File : VW027899.D  
 Acq On : 17 Sep 2022 14:17  
 Operator : SY/MD  
 Sample : VSTD00135  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD001235

Quant Time: Sep 19 02:19:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Sep 19 02:17:45 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114  | 195235   | 5.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117  | 195769   | 5.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152  | 102678   | 5.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65   | 16992    | 1.090  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.568  | 69   | 11785    | 1.070  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63   | 27533    | 1.123  | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 3.911  | 46   | 22322    | 9.032  | ug/L   | 0.02     |
| 24) Chloroform-d              | 4.346  | 84   | 30089    | 1.047  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65   | 14627    | 1.015  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.050  | 84   | 54731    | 1.014  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67   | 14657    | 1.039  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.316  | 98   | 49349    | 0.987  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79   | 6085     | 1.008  | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.095  | 63   | 16605    | 8.292  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213 | 84   | 9070     | 0.930  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152  | 18719    | 1.041  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.130  | 85   | 17939    | 1.145  | ug/L   | 96       |
| 3) Chloromethane              | 1.240  | 50   | 13994    | 1.129  | ug/L   | 99       |
| 5) Vinyl chloride             | 1.310  | 62   | 15317    | 1.093  | ug/L   | 98       |
| 6) Bromomethane               | 1.523  | 94   | 8589     | 1.138  | ug/L   | 99       |
| 8) Chloroethane               | 1.584  | 64   | 9398     | 1.176  | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.751  | 101  | 27175    | 1.165  | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117  | 101  | 12950    | 1.155  | ug/L   | 92       |
| 12) 1,1-Dichloroethene        | 2.117  | 96   | 12904    | 1.206  | ug/L   | 89       |
| 13) Acetone                   | 2.191  | 43   | 18173    | 11.036 | ug/L   | 92       |
| 14) Carbon disulfide          | 2.294  | 76   | 31099    | 1.204  | ug/L   | 98       |
| 15) Methyl Acetate            | 2.442  | 43   | 3917     | 1.065  | ug/L   | 94       |
| 16) Methylene chloride        | 2.506  | 84   | 18223    | 1.317  | ug/L   | 87       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73   | 28841    | 1.047  | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.760  | 96   | 13809    | 1.145  | ug/L   | 85       |
| 19) 1,1-Dichloroethane        | 3.188  | 63   | 24623    | 1.091  | ug/L   | 97       |
| 21) 2-Butanone                | 3.995  | 43   | 18256    | 8.246  | ug/L   | 100      |
| 22) cis-1,2-Dichloroethene    | 3.911  | 96   | 14137    | 1.042  | ug/L # | 94       |
| 23) Bromochloromethane        | 4.249  | 128  | 6890     | 1.112  | ug/L # | 76       |
| 25) Chloroform                | 4.374  | 83   | 30295    | 1.119  | ug/L   | 94       |
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 16804    | 1.097  | ug/L   | 98       |
| 29) 1,1,1-Trichloroethane     | 4.603  | 97   | 27044    | 1.057  | ug/L   | 97       |
| 30) Cyclohexane               | 4.667  | 56   | 15965    | 1.017  | ug/L   | 91       |
| 31) Carbon tetrachloride      | 4.825  | 117  | 24078    | 1.062  | ug/L   | 97       |
| 33) Benzene                   | 5.098  | 78   | 54585    | 1.070  | ug/L   | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 15487    | 1.123  | ug/L   | 92       |
| 35) Methylcyclohexane         | 6.127  | 83   | 19414    | 1.017  | ug/L   | 93       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 11598    | 1.009  | ug/L # | 97       |
| 38) Bromodichloromethane      | 6.509  | 83   | 19272    | 1.075  | ug/L   | 95       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 16735    | 0.968  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 7.226  | 43   | 54376    | 9.738  | ug/L   | 93       |
| 42) Toluene                   | 7.387  | 91   | 59543    | 1.063  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 14909    | 0.976  | ug/L   | 99       |

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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Sep 19 02:17:45 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 7.837  | 97   | 9782     | 1.096 | ug/L   | 99       |
| 47) Tetrachloroethene         | 7.972  | 164  | 12191    | 1.058 | ug/L   | 97       |
| 48) 2-Hexanone                | 8.143  | 43   | 38007    | 9.485 | ug/L # | 96       |
| 49) Dibromochloromethane      | 8.246  | 129  | 12580    | 1.075 | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 8669     | 1.083 | ug/L   | 96       |
| 51) Chlorobenzene             | 8.882  | 112  | 41788    | 1.090 | ug/L   | 97       |
| 52) Ethylbenzene              | 9.011  | 91   | 61232    | 1.004 | ug/L   | 98       |
| 53) m,p-Xylene                | 9.136  | 106  | 24213    | 1.002 | ug/L   | 91       |
| 54) o-Xylene                  | 9.541  | 106  | 23388    | 0.996 | ug/L   | 98       |
| 55) Styrene                   | 9.561  | 104  | 39991    | 0.986 | ug/L   | 93       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 9448     | 1.031 | ug/L # | 94       |
| 59) Bromoform                 | 9.731  | 173  | 7029     | 1.155 | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.931  | 105  | 63475    | 1.059 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 7871     | 1.116 | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 18709    | 1.066 | ug/L   | 94       |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 49520    | 1.004 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 33326    | 1.095 | ug/L   | 93       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 33622    | 1.090 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 31023    | 1.107 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 1497     | 0.995 | ug/L   | 88       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 27249    | 1.105 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 20031    | 1.032 | ug/L   | 96       |
| 71) Naphthalene               | 13.503 | 128  | 28767    | 1.066 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 16277    | 0.985 | ug/L   | 96       |
| -----                         |        |      |          |       |        |          |

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

