

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW022323\  
 Data File : VW030084.D  
 Acq On : 23 Feb 2023 10:03  
 Operator : SY/MD  
 Sample : VSTD0.522  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.5222

Quant Time: Feb 23 21:17:25 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Feb 23 21:16:51 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/24/2023  
 Supervised By :Mahesh Dadoda 02/24/2023

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114  | 183442   | 5.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.793  | 117  | 171357   | 5.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152  | 91453    | 5.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.282  | 65   | 5646     | 0.476 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.536  | 69   | 5240     | 0.470 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.066  | 63   | 11261    | 0.461 | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 3.896  | 46   | 9776m    | 4.541 | ug/L   | 0.06     |
| 24) Chloroform-d              | 4.265  | 84   | 11073    | 0.457 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.963  | 65   | 4146     | 0.419 | ug/L   | 0.00     |
| 32) Benzene-d6                | 4.973  | 84   | 20579    | 0.446 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.005  | 67   | 6340     | 0.457 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.252  | 98   | 18562    | 0.425 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.567  | 79   | 1819     | 0.383 | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.043  | 63   | 7427m    | 3.813 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.165 | 84   | 4585     | 0.465 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.571 | 152  | 7163     | 0.463 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.108  | 85   | 6863     | 0.460 | ug/L   | 96       |
| 3) Chloromethane              | 1.217  | 50   | 13570    | 0.577 | ug/L   | 99       |
| 5) Vinyl chloride             | 1.285  | 62   | 7064     | 0.452 | ug/L   | 99       |
| 6) Bromomethane               | 1.491  | 94   | 1455     | 0.519 | ug/L   | 89       |
| 8) Chloroethane               | 1.552  | 64   | 4231     | 0.444 | ug/L   | 95       |
| 9) Trichlorofluoromethane     | 1.719  | 101  | 9999     | 0.446 | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.076  | 101  | 6216     | 0.447 | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.076  | 96   | 5697     | 0.463 | ug/L   | 97       |
| 13) Acetone                   | 2.169  | 43   | 9052m    | 5.636 | ug/L   |          |
| 14) Carbon disulfide          | 2.246  | 76   | 14965    | 0.454 | ug/L   | 99       |
| 15) Methyl Acetate            | 2.397  | 43   | 2135m    | 0.563 | ug/L   |          |
| 16) Methylene chloride        | 2.455  | 84   | 9108     | 0.606 | ug/L   | 99       |
| 17) Methyl tert-butyl Ether   | 2.716  | 73   | 10249    | 0.426 | ug/L   | 100      |
| 18) trans-1,2-Dichloroethene  | 2.703  | 96   | 5298     | 0.452 | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.121  | 63   | 9998     | 0.458 | ug/L   | 95       |
| 21) 2-Butanone                | 3.950  | 43   | 9494m    | 4.364 | ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 3.831  | 96   | 5640     | 0.436 | ug/L   | 95       |
| 23) Bromochloromethane        | 4.162  | 128  | 2244     | 0.406 | ug/L   | 88       |
| 25) Chloroform                | 4.291  | 83   | 10438    | 0.460 | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 5.060  | 62   | 5418     | 0.456 | ug/L   | 94       |
| 29) 1,1,1-Trichloroethane     | 4.526  | 97   | 8781     | 0.436 | ug/L   | 98       |
| 30) Cyclohexane               | 4.590  | 56   | 7386     | 0.425 | ug/L   | 97       |
| 31) Carbon tetrachloride      | 4.744  | 117  | 7899     | 0.437 | ug/L   | 99       |
| 33) Benzene                   | 5.021  | 78   | 20771    | 0.444 | ug/L   | 100      |
| 34) Trichloroethene           | 5.844  | 95   | 5954     | 0.454 | ug/L   | 90       |
| 35) Methylcyclohexane         | 6.060  | 83   | 8271     | 0.417 | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.105  | 63   | 5442     | 0.457 | ug/L # | 94       |
| 38) Bromodichloromethane      | 6.449  | 83   | 6612     | 0.435 | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 6.969  | 75   | 7082     | 0.406 | ug/L   | 87       |
| 40) 4-Methyl-2-pentanone      | 7.175  | 43   | 19889    | 4.048 | ug/L   | 96       |
| 42) Toluene                   | 7.326  | 91   | 20764    | 0.410 | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.596  | 75   | 5423     | 0.399 | ug/L   | 90       |

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Manual Integrations  
 APPROVED

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Quant Time: Feb 23 21:17:25 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Feb 23 21:16:51 2023  
 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 7.780  | 97   | 3851     | 0.452 | ug/L   | 94       |
| 47) Tetrachloroethene         | 7.915  | 164  | 4975     | 0.442 | ug/L   | 96       |
| 48) 2-Hexanone                | 8.095  | 43   | 14016m   | 4.050 | ug/L   |          |
| 49) Dibromochloromethane      | 8.188  | 129  | 4315     | 0.433 | ug/L   | 93       |
| 50) 1,2-Dibromoethane         | 8.294  | 107  | 3258     | 0.410 | ug/L # | 93       |
| 51) Chlorobenzene             | 8.825  | 112  | 15513    | 0.454 | ug/L   | 95       |
| 52) Ethylbenzene              | 8.957  | 91   | 22787    | 0.413 | ug/L   | 98       |
| 53) m,p-Xylene                | 9.082  | 106  | 8436     | 0.398 | ug/L   | 99       |
| 54) o-Xylene                  | 9.490  | 106  | 8099     | 0.400 | ug/L   | 95       |
| 55) Styrene                   | 9.506  | 104  | 12144    | 0.361 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.188 | 83   | 4198     | 0.441 | ug/L   | 93       |
| 59) Bromoform                 | 9.674  | 173  | 2484     | 0.453 | ug/L # | 95       |
| 60) Isopropylbenzene          | 9.876  | 105  | 21360    | 0.406 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.217 | 75   | 3008     | 0.491 | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 10.484 | 105  | 17385    | 0.402 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.860 | 105  | 17196    | 0.389 | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.127 | 146  | 12284    | 0.448 | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 11.220 | 146  | 13164    | 0.476 | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 11.590 | 146  | 10831    | 0.448 | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.371 | 75   | 613      | 0.448 | ug/L # | 72       |
| 69) 1,3,5-Trichlorobenzene    | 12.593 | 180  | 9686     | 0.430 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.207 | 180  | 8253     | 0.452 | ug/L   | 98       |
| 71) Naphthalene               | 13.448 | 128  | 10180    | 0.427 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.693 | 180  | 6873     | 0.458 | ug/L   | 97       |
| -----                         |        |      |          |       |        |          |

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

