

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV101624\  
 Data File : VV037873.D  
 Acq On : 16 Oct 2024 11:26  
 Operator : SY/MD  
 Sample : VSTD01077  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD010277

Quant Time: Oct 17 01:57:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR101624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 17 01:55:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114  | 314068   | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117  | 316300   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178 | 152  | 169792   | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65   | 205278   | 7.494   | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.529  | 69   | 185336   | 8.464   | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65   | 98002    | 8.246   | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 3.812  | 46   | 535711   | 109.155 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.240  | 84   | 460512   | 10.160  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.934  | 65   | 211316   | 9.866   | ug/L  | 0.00     |
| 32) Benzene-d6                | 4.950  | 84   | 889747   | 10.149  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.979  | 67   | 268093   | 9.904   | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.233  | 98   | 828818   | 10.508  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.548  | 79   | 104842   | 10.788  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.021  | 63   | 488919   | 118.953 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84   | 219855   | 10.394  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.551 | 152  | 301443   | 10.107  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.105  | 85   | 306476   | 10.315  | ug/L  | 98       |
| 3) Chloromethane              | 1.214  | 50   | 295189   | 8.733   | ug/L  | 99       |
| 5) Vinyl chloride             | 1.278  | 62   | 303532   | 9.109   | ug/L  | 98       |
| 6) Bromomethane               | 1.484  | 94   | 184853   | 9.517   | ug/L  | 100      |
| 8) Chloroethane               | 1.545  | 64   | 184362   | 9.000   | ug/L  | 96       |
| 9) Trichlorofluoromethane     | 1.709  | 101  | 405968   | 10.054  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.060  | 101  | 232336   | 9.474   | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 2.063  | 96   | 226478   | 9.576   | ug/L  | 96       |
| 13) Acetone                   | 2.159  | 43   | 359390   | 103.108 | ug/L  | 73       |
| 14) Carbon disulfide          | 2.233  | 76   | 780437   | 10.359  | ug/L  | 99       |
| 15) Methyl Acetate            | 2.388  | 43   | 93075    | 10.317  | ug/L  | 97       |
| 16) Methylene chloride        | 2.439  | 84   | 263030   | 8.859   | ug/L  | 99       |
| 17) Methyl tert-butyl Ether   | 2.699  | 73   | 575720   | 10.728  | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 2.687  | 96   | 257006   | 10.495  | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 3.101  | 63   | 455657   | 9.493   | ug/L  | 98       |
| 21) 2-Butanone                | 3.889  | 43   | 571195   | 102.395 | ug/L  | 97       |
| 22) cis-1,2-Dichloroethene    | 3.806  | 96   | 275660   | 10.907  | ug/L  | 96       |
| 23) Bromochloromethane        | 4.140  | 128  | 122829   | 10.715  | ug/L  | 95       |
| 25) Chloroform                | 4.265  | 83   | 480831   | 10.141  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.034  | 62   | 270790   | 9.794   | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 4.500  | 97   | 408149   | 10.360  | ug/L  | 99       |
| 30) Cyclohexane               | 4.571  | 56   | 363226   | 9.908   | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.725  | 117  | 354407   | 10.452  | ug/L  | 100      |
| 33) Benzene                   | 4.998  | 78   | 1026751  | 10.456  | ug/L  | 100      |
| 34) Trichloroethene           | 5.825  | 95   | 269784   | 10.430  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.040  | 83   | 405335   | 10.575  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 6.085  | 63   | 250149   | 9.812   | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.426  | 83   | 330736   | 10.498  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 6.947  | 75   | 389185   | 11.321  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.153  | 43   | 1435628  | 106.477 | ug/L  | 99       |
| 42) Toluene                   | 7.307  | 91   | 1114579  | 10.956  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.574  | 75   | 322935   | 11.545  | ug/L  | 99       |

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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 17 01:55:12 2024  
 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| 45) 1,1,2-Trichloroethane     | 7.764  | 97   | 191702   | 10.613  | ug/L  | 99       |
| 47) Tetrachloroethene         | 7.895  | 164  | 208075   | 10.167  | ug/L  | 100      |
| 48) 2-Hexanone                | 8.069  | 43   | 1026516  | 103.311 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.169  | 129  | 215400   | 11.288  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.275  | 107  | 183693   | 10.745  | ug/L  | 97       |
| 51) Chlorobenzene             | 8.805  | 112  | 710813   | 10.606  | ug/L  | 99       |
| 52) Ethylbenzene              | 8.937  | 91   | 1201474  | 10.953  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.066  | 106  | 466284   | 11.464  | ug/L  | 97       |
| 54) o-Xylene                  | 9.471  | 106  | 452386   | 11.542  | ug/L  | 97       |
| 55) Styrene                   | 9.487  | 104  | 798118   | 12.047  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.172 | 83   | 226576   | 10.269  | ug/L  | 99       |
| 59) Bromoform                 | 9.657  | 173  | 114803   | 11.194  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.860  | 105  | 1213275  | 11.240  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.201 | 75   | 158762   | 9.561   | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.468 | 105  | 980281   | 11.255  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.844 | 105  | 995820   | 11.589  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.111 | 146  | 580640   | 10.620  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.201 | 146  | 591057   | 10.315  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.570 | 146  | 536134   | 10.575  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.358 | 75   | 34548    | 10.366  | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 12.574 | 180  | 418355   | 10.220  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.191 | 180  | 355631   | 10.316  | ug/L  | 99       |
| 71) Naphthalene               | 13.432 | 128  | 549823   | 10.709  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.673 | 180  | 317685   | 10.461  | ug/L  | 98       |
| -----                         |        |      |          |         |       |          |

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

