

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102423\  
 Data File : VU055864.D  
 Acq On : 24 Oct 2023 11:13  
 Operator : MD/SY  
 Sample : VSTD02071  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD020071

Quant Time: Oct 25 05:02:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 25 04:59:46 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114  | 379262   | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117  | 367782   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152  | 203617   | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65   | 619895   | 40.478  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.910  | 69   | 454922   | 26.593  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65   | 270057   | 34.054  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.621  | 46   | 1229158  | 194.938 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.058  | 84   | 1186457  | 25.556  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65   | 573621   | 23.711  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.721  | 84   | 2387304  | 27.182  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67   | 708337   | 23.840  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.894  | 98   | 2220456  | 26.646  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79   | 284634   | 28.227  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.630  | 63   | 887387   | 206.691 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84   | 537730   | 21.724  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152  | 801136   | 24.084  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.383  | 85   | 446861   | 19.377  | ug/L  | 98       |
| 3) Chloromethane              | 1.518  | 50   | 422572   | 17.686  | ug/L  | 99       |
| 5) Vinyl chloride             | 1.602  | 62   | 472333   | 19.057  | ug/L  | 97       |
| 6) Bromomethane               | 1.856  | 94   | 283121   | 18.248  | ug/L  | 99       |
| 8) Chloroethane               | 1.930  | 64   | 257447   | 15.972  | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 2.136  | 101  | 666519   | 18.987  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.579  | 101  | 431900   | 21.811  | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 2.576  | 96   | 390771   | 22.554  | ug/L  | 99       |
| 13) Acetone                   | 2.637  | 43   | 632581   | 182.069 | ug/L  | 99       |
| 14) Carbon disulfide          | 2.788  | 76   | 982273   | 20.807  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.949  | 43   | 139218   | 19.934  | ug/L  | 97       |
| 16) Methylene chloride        | 3.039  | 84   | 426205   | 16.299  | ug/L  | 99       |
| 17) Methyl tert-butyl Ether   | 3.357  | 73   | 991932   | 20.201  | ug/L  | 100      |
| 18) trans-1,2-Dichloroethene  | 3.348  | 96   | 390963   | 20.911  | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 3.862  | 63   | 791429   | 20.403  | ug/L  | 98       |
| 21) 2-Butanone                | 4.701  | 43   | 1004082  | 189.789 | ug/L  | 97       |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96   | 467661   | 21.353  | ug/L  | 97       |
| 23) Bromochloromethane        | 4.968  | 128  | 193948   | 20.365  | ug/L  | 97       |
| 25) Chloroform                | 5.081  | 83   | 832473   | 19.622  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 5.788  | 62   | 497102   | 19.156  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 5.312  | 97   | 724897   | 20.057  | ug/L  | 99       |
| 30) Cyclohexane               | 5.383  | 56   | 654804   | 20.853  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.521  | 117  | 622148   | 20.266  | ug/L  | 97       |
| 33) Benzene                   | 5.769  | 78   | 1747820  | 20.370  | ug/L  | 100      |
| 34) Trichloroethene           | 6.537  | 95   | 484670   | 20.491  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.759  | 83   | 719633   | 20.823  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 6.785  | 63   | 463873   | 19.581  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.100  | 83   | 596408   | 20.215  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.602  | 75   | 725257   | 21.346  | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.785  | 43   | 2412471  | 186.143 | ug/L  | 99       |
| 42) Toluene                   | 7.965  | 91   | 1892137  | 20.057  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.206  | 75   | 585017   | 20.874  | ug/L  | 99       |

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 QLast Update : Wed Oct 25 04:59:46 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 8.396  | 97   | 325352   | 20.322  | ug/L  | 98       |
| 47) Tetrachloroethene         | 8.550  | 164  | 346891   | 20.337  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.682  | 43   | 1928175  | 197.966 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.804  | 129  | 378742   | 20.241  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.920  | 107  | 309033   | 20.070  | ug/L  | 100      |
| 51) Chlorobenzene             | 9.441  | 112  | 1210716  | 19.726  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.566  | 91   | 2184476  | 20.620  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.688  | 106  | 831521   | 20.936  | ug/L  | 97       |
| 54) o-Xylene                  | 10.097 | 106  | 811283   | 21.203  | ug/L  | 100      |
| 55) Styrene                   | 10.110 | 104  | 1389933  | 22.075  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.778 | 83   | 396227   | 20.076  | ug/L  | 98       |
| 59) Bromoform                 | 10.286 | 173  | 222101   | 21.832  | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.479 | 105  | 2231319  | 20.820  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.817 | 75   | 283688   | 19.031  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.084 | 105  | 1904059  | 20.949  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.463 | 105  | 1835763  | 21.793  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.740 | 146  | 1022562  | 20.438  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146  | 1023576  | 20.468  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.209 | 146  | 942381   | 20.724  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.990 | 75   | 59770    | 21.178  | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 13.215 | 180  | 736260   | 22.028  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.836 | 180  | 589171   | 22.791  | ug/L  | 99       |
| 71) Naphthalene               | 14.080 | 128  | 900688   | 23.170  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.325 | 180  | 501634   | 23.195  | ug/L  | 98       |

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

