

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102423\  
 Data File : VU055862.D  
 Acq On : 24 Oct 2023 10:24  
 Operator : MD/SY  
 Sample : VSTD00569  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD005069

Quant Time: Oct 25 05:01:28 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  | 378725   | 5.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117  | 373329   | 5.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152  | 193555   | 5.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65   | 146654   | 9.590  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.911  | 69   | 116507   | 6.820  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65   | 64024    | 8.085  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.631  | 46   | 276549   | 43.921 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.058  | 84   | 279036   | 6.019  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65   | 135499   | 5.609  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.724  | 84   | 557205   | 6.250  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67   | 165821   | 5.498  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.894  | 98   | 516567   | 6.107  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79   | 63448    | 6.199  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.631  | 63   | 160748   | 36.885 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84   | 121594   | 4.839  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152  | 174325   | 5.513  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.383  | 85   | 111929   | 4.860  | ug/L  | 100      |
| 3) Chloromethane              | 1.515  | 50   | 104253   | 4.369  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.602  | 62   | 113589   | 4.589  | ug/L  | 100      |
| 6) Bromomethane               | 1.856  | 94   | 70103    | 4.525  | ug/L  | 100      |
| 8) Chloroethane               | 1.933  | 64   | 67883    | 4.217  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 2.136  | 101  | 159329   | 4.545  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.579  | 101  | 105272   | 5.324  | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 2.576  | 96   | 92383    | 5.340  | ug/L  | 100      |
| 13) Acetone                   | 2.647  | 43   | 159407   | 45.945 | ug/L  | 100      |
| 14) Carbon disulfide          | 2.788  | 76   | 235491   | 4.995  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.956  | 43   | 32007    | 4.589  | ug/L  | 100      |
| 16) Methylene chloride        | 3.042  | 84   | 103492   | 3.963  | ug/L  | 100      |
| 17) Methyl tert-butyl Ether   | 3.358  | 73   | 229969   | 4.690  | ug/L  | 100      |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96   | 93095    | 4.986  | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.866  | 63   | 190355   | 4.914  | ug/L  | 100      |
| 21) 2-Butanone                | 4.711  | 43   | 238862   | 45.213 | ug/L  | 100      |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96   | 108311   | 4.952  | ug/L  | 100      |
| 23) Bromochloromethane        | 4.972  | 128  | 46288    | 4.867  | ug/L  | 100      |
| 25) Chloroform                | 5.084  | 83   | 203724   | 4.809  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.792  | 62   | 120708   | 4.658  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 5.312  | 97   | 175381   | 4.781  | ug/L  | 100      |
| 30) Cyclohexane               | 5.383  | 56   | 146596   | 4.599  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.518  | 117  | 149222   | 4.789  | ug/L  | 100      |
| 33) Benzene                   | 5.769  | 78   | 425204   | 4.882  | ug/L  | 100      |
| 34) Trichloroethene           | 6.541  | 95   | 114990   | 4.789  | ug/L  | 100      |
| 35) Methylcyclohexane         | 6.759  | 83   | 158187   | 4.509  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.785  | 63   | 110844   | 4.609  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.100  | 83   | 139958   | 4.673  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.605  | 75   | 160888   | 4.665  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.788  | 43   | 548654   | 41.704 | ug/L  | 100      |
| 42) Toluene                   | 7.965  | 91   | 451934   | 4.719  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.206  | 75   | 130138   | 4.574  | ug/L  | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 8.396  | 97   | 79374    | 4.884  | ug/L  | 100      |
| 47) Tetrachloroethene         | 8.550  | 164  | 82957    | 4.791  | ug/L  | 100      |
| 48) 2-Hexanone                | 8.682  | 43   | 438623   | 44.364 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.804  | 129  | 87683    | 4.616  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.920  | 107  | 72619    | 4.646  | ug/L  | 100      |
| 51) Chlorobenzene             | 9.444  | 112  | 286061   | 4.592  | ug/L  | 100      |
| 52) Ethylbenzene              | 9.566  | 91   | 499724   | 4.647  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.692  | 106  | 186884   | 4.635  | ug/L  | 100      |
| 54) o-Xylene                  | 10.097 | 106  | 183456   | 4.723  | ug/L  | 100      |
| 55) Styrene                   | 10.110 | 104  | 305563   | 4.781  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.778 | 83   | 91248    | 4.555  | ug/L  | 100      |
| 59) Bromoform                 | 10.287 | 173  | 48332    | 4.998  | ug/L  | 100      |
| 60) Isopropylbenzene          | 10.479 | 105  | 495086   | 4.860  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.817 | 75   | 65332    | 4.611  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.084 | 105  | 396513   | 4.589  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.463 | 105  | 373838   | 4.669  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.740 | 146  | 228180   | 4.798  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146  | 224961   | 4.732  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 12.209 | 146  | 207512   | 4.801  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.994 | 75   | 11810    | 4.402  | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 13.216 | 180  | 153519   | 4.832  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.836 | 180  | 109675   | 4.463  | ug/L  | 100      |
| 71) Naphthalene               | 14.084 | 128  | 156493   | 4.235  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.325 | 180  | 94388    | 4.591  | ug/L  | 100      |

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

