

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100124\  
 Data File : VU061033.D  
 Acq On : 01 Oct 2024 09:24  
 Operator : MD/SY  
 Sample : VSTD0.524  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD0.5024

Quant Time: Oct 02 01:55:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 02 01:31:30 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/02/2024  
 Supervised By : Mahesh Dadoda 10/02/2024

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114  | 194460   | 5.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117  | 181799   | 5.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152  | 81618    | 5.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65   | 5858     | 0.421 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.911  | 69   | 4886     | 0.470 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65   | 2596     | 0.423 | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 4.663  | 46   | 12933m   | 3.937 | ug/L   | 0.04     |
| 24) Chloroform-d              | 5.062  | 84   | 10252    | 0.418 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.705  | 65   | 5400     | 0.416 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.724  | 84   | 19228    | 0.401 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67   | 6356     | 0.404 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.898  | 98   | 18839    | 0.420 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.184  | 79   | 2955     | 0.439 | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.640  | 63   | 10817    | 3.883 | ug/L   | 0.02     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84   | 4710     | 0.408 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152  | 5405     | 0.414 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.383  | 85   | 4045     | 0.427 | ug/L   | 93       |
| 3) Chloromethane              | 1.518  | 50   | 6279     | 0.459 | ug/L   | 96       |
| 5) Vinyl chloride             | 1.602  | 62   | 5865     | 0.427 | ug/L   | 98       |
| 6) Bromomethane               | 1.856  | 94   | 3349     | 0.457 | ug/L   | 97       |
| 8) Chloroethane               | 1.933  | 64   | 3798     | 0.456 | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 2.136  | 101  | 7717     | 0.437 | ug/L   | 92       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.579  | 101  | 5159     | 0.442 | ug/L # | 87       |
| 12) 1,1-Dichloroethene        | 2.576  | 96   | 5233     | 0.466 | ug/L   | 95       |
| 13) Acetone                   | 2.657  | 43   | 9308     | 4.346 | ug/L   | 86       |
| 14) Carbon disulfide          | 2.792  | 76   | 16301    | 0.427 | ug/L   | 98       |
| 15) Methyl Acetate            | 2.972  | 43   | 2288m    | 0.448 | ug/L   |          |
| 16) Methylene chloride        | 3.042  | 84   | 5914     | 0.459 | ug/L   | 84       |
| 17) Methyl tert-butyl Ether   | 3.358  | 73   | 14276    | 0.444 | ug/L # | 93       |
| 18) trans-1,2-Dichloroethene  | 3.354  | 96   | 5550     | 0.451 | ug/L   | 90       |
| 19) 1,1-Dichloroethane        | 3.869  | 63   | 10169    | 0.425 | ug/L   | 97       |
| 21) 2-Butanone                | 4.737  | 43   | 14217m   | 3.986 | ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96   | 6184     | 0.451 | ug/L   | 91       |
| 23) Bromochloromethane        | 4.972  | 128  | 2303     | 0.417 | ug/L   | 91       |
| 25) Chloroform                | 5.081  | 83   | 10725    | 0.447 | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.798  | 62   | 6741     | 0.427 | ug/L   | 97       |
| 29) 1,1,1-Trichloroethane     | 5.309  | 97   | 9761     | 0.464 | ug/L   | 96       |
| 30) Cyclohexane               | 5.380  | 56   | 11090    | 0.473 | ug/L   | 89       |
| 31) Carbon tetrachloride      | 5.518  | 117  | 7533     | 0.422 | ug/L   | 99       |
| 33) Benzene                   | 5.769  | 78   | 23346    | 0.436 | ug/L   | 100      |
| 34) Trichloroethene           | 6.541  | 95   | 6828     | 0.470 | ug/L   | 90       |
| 35) Methylcyclohexane         | 6.753  | 83   | 10529    | 0.449 | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.788  | 63   | 5855     | 0.415 | ug/L # | 96       |
| 38) Bromodichloromethane      | 7.100  | 83   | 8033     | 0.455 | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 7.608  | 75   | 9407     | 0.425 | ug/L   | 93       |
| 40) 4-Methyl-2-pentanone      | 7.791  | 43   | 36840    | 4.072 | ug/L   | 93       |
| 42) Toluene                   | 7.968  | 91   | 25842    | 0.453 | ug/L   | 95       |
| 44) trans-1,3-Dichloropropene | 8.213  | 75   | 7368     | 0.402 | ug/L   | 99       |

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|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 8.396  | 97   | 4289     | 0.458 | ug/L   | 96       |
| 47) Tetrachloroethene         | 8.550  | 164  | 4197     | 0.444 | ug/L   | 97       |
| 49) Dibromochloromethane      | 8.804  | 129  | 4575     | 0.420 | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 8.920  | 107  | 3825     | 0.432 | ug/L # | 87       |
| 51) Chlorobenzene             | 9.444  | 112  | 15762    | 0.453 | ug/L   | 93       |
| 52) Ethylbenzene              | 9.566  | 91   | 28663    | 0.443 | ug/L   | 95       |
| 53) m,p-Xylene                | 9.692  | 106  | 10264    | 0.435 | ug/L   | 86       |
| 54) o-Xylene                  | 10.097 | 106  | 9985     | 0.430 | ug/L   | 89       |
| 55) Styrene                   | 10.113 | 104  | 15757    | 0.420 | ug/L   | 95       |
| 57) 1,1,2,2-Tetrachloroethane | 10.775 | 83   | 4800     | 0.408 | ug/L   | 92       |
| 59) Bromoform                 | 10.290 | 173  | 2530     | 0.452 | ug/L # | 88       |
| 60) Isopropylbenzene          | 10.479 | 105  | 24951    | 0.457 | ug/L # | 95       |
| 61) 1,2,3-Trichloropropane    | 10.820 | 75   | 3663     | 0.457 | ug/L # | 93       |
| 62) 1,3,5-Trimethylbenzene    | 11.084 | 105  | 21261    | 0.442 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.463 | 105  | 21942    | 0.452 | ug/L   | 93       |
| 64) 1,3-Dichlorobenzene       | 11.743 | 146  | 10172    | 0.435 | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 11.830 | 146  | 10511    | 0.454 | ug/L   | 93       |
| 67) 1,2-Dichlorobenzene       | 12.209 | 146  | 9367     | 0.433 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 13.000 | 75   | 591      | 0.338 | ug/L   | 92       |
| 69) 1,3,5-Trichlorobenzene    | 13.222 | 180  | 6745     | 0.409 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.846 | 180  | 4513     | 0.357 | ug/L   | 98       |
| 71) Naphthalene               | 14.106 | 128  | 6266m    | 0.310 | ug/L   |          |
| 72) 1,2,3-Trichlorobenzene    | 14.331 | 180  | 3849     | 0.366 | ug/L   | 95       |

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

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