

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050321\  
 Data File : VU043477.D  
 Acq On : 03 May 2021 09:41  
 Operator : SY/MD  
 Sample : VSTD0.532  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD0.5132

Quant Time: May 04 07:23:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR050321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 04 07:22:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------|--------|----------|
| -----                         |        |      |          |      |        |          |
| Internal Standards            |        |      |          |      |        |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114  | 95616    | 5.00 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.426  | 117  | 95682    | 5.00 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.822 | 152  | 45965    | 5.00 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |      |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65   | 3999     | 0.74 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.919  | 69   | 2777     | 0.58 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65   | 1889     | 0.64 | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 4.658  | 46   | 9217     | 4.09 | ug/L   | 0.00     |
| 24) Chloroform-d              | 5.076  | 84   | 7822     | 0.61 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65   | 4616     | 0.54 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.738  | 84   | 11978    | 0.52 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.703  | 67   | 4384     | 0.56 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.909  | 98   | 10519    | 0.45 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79   | 1688     | 0.50 | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.645  | 63   | 6161     | 3.74 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84   | 3626     | 0.53 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152  | 4367     | 0.55 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |      |        |          |
|                               |        |      |          |      |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 3067     | 0.50 | ug/L   | 95       |
| 3) Chloromethane              | 1.520  | 50   | 3711     | 0.60 | ug/L   | 99       |
| 5) Vinyl chloride             | 1.607  | 62   | 2999     | 0.48 | ug/L   | 93       |
| 6) Bromomethane               | 1.861  | 94   | 1405     | 0.39 | ug/L   | 89       |
| 8) Chloroethane               | 1.938  | 64   | 2069     | 0.46 | ug/L   | 90       |
| 9) Trichlorofluoromethane     | 2.141  | 101  | 4666     | 0.41 | ug/L   | 95       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.587  | 101  | 2670     | 0.42 | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.584  | 96   | 2338     | 0.44 | ug/L   | 83       |
| 13) Acetone                   | 2.661  | 43   | 6461     | 3.97 | ug/L   | 92       |
| 14) Carbon disulfide          | 2.796  | 76   | 6433     | 0.48 | ug/L   | 99       |
| 15) Methyl Acetate            | 2.964  | 43   | 1271     | 0.39 | ug/L # | 70       |
| 16) Methylene chloride        | 3.054  | 84   | 5883     | 0.84 | ug/L   | 92       |
| 17) Methyl tert-butyl Ether   | 3.378  | 73   | 6574     | 0.38 | ug/L   | 96       |
| 18) trans-1,2-Dichloroethene  | 3.362  | 96   | 2397     | 0.43 | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.877  | 63   | 5955     | 0.47 | ug/L   | 92       |
| 21) 2-Butanone                | 4.739  | 43   | 8989     | 3.41 | ug/L   | 79       |
| 22) cis-1,2-Dichloroethene    | 4.677  | 96   | 2793     | 0.42 | ug/L   | 98       |
| 23) Bromochloromethane        | 4.986  | 128  | 1159     | 0.38 | ug/L # | 74       |
| 25) Chloroform                | 5.095  | 83   | 6935     | 0.52 | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 5.806  | 62   | 4303     | 0.44 | ug/L # | 95       |
| 29) 1,1,1-Trichloroethane     | 5.321  | 97   | 5007     | 0.43 | ug/L   | 95       |
| 30) Cyclohexane               | 5.394  | 56   | 3315     | 0.34 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 5.536  | 117  | 4270     | 0.44 | ug/L   | 93       |
| 33) Benzene                   | 5.784  | 78   | 10721    | 0.42 | ug/L   | 100      |
| 34) Trichloroethene           | 6.555  | 95   | 2873     | 0.41 | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.771  | 83   | 3227     | 0.34 | ug/L   | 94       |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 3326     | 0.46 | ug/L # | 90       |
| 38) Bromodichloromethane      | 7.111  | 83   | 4372     | 0.45 | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.616  | 75   | 4041     | 0.39 | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 7.803  | 43   | 23708    | 3.63 | ug/L   | 99       |
| 42) Toluene                   | 7.976  | 91   | 10517    | 0.37 | ug/L   | 95       |
| 44) trans-1,3-Dichloropropene | 8.217  | 75   | 3427     | 0.35 | ug/L # | 72       |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD0.5132

Quant Time: May 04 07:23:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR050321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 04 07:22:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------|--------|----------|
| -----                         |        |      |          |      |        |          |
| 45) 1,1,2-Trichloroethane     | 8.410  | 97   | 2244     | 0.42 | ug/L   | 96       |
| 47) Tetrachloroethene         | 8.562  | 164  | 2068     | 0.38 | ug/L   | 91       |
| 48) 2-Hexanone                | 8.697  | 43   | 16868    | 3.49 | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.819  | 129  | 2775     | 0.41 | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 8.934  | 107  | 2237     | 0.42 | ug/L # | 87       |
| 51) Chlorobenzene             | 9.455  | 112  | 7468     | 0.42 | ug/L   | 92       |
| 52) Ethylbenzene              | 9.578  | 91   | 10619    | 0.33 | ug/L   | 97       |
| 53) m,p-Xylene                | 9.700  | 106  | 3673     | 0.31 | ug/L   | 95       |
| 54) o-Xylene                  | 10.108 | 106  | 3595     | 0.31 | ug/L   | 95       |
| 55) Styrene                   | 10.121 | 104  | 5859     | 0.29 | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 3146     | 0.44 | ug/L   | 99       |
| 59) Bromoform                 | 10.304 | 173  | 1524     | 0.41 | ug/L # | 80       |
| 60) Isopropylbenzene          | 10.491 | 105  | 9443     | 0.33 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.832 | 75   | 2097     | 0.44 | ug/L   | 94       |
| 62) 1,3,5-Trimethylbenzene    | 11.098 | 105  | 6774     | 0.30 | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 6757     | 0.29 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.754 | 146  | 5027     | 0.37 | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.844 | 146  | 5501     | 0.40 | ug/L   | 92       |
| 67) 1,2-Dichlorobenzene       | 12.221 | 146  | 5892     | 0.44 | ug/L   | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 481      | 0.42 | ug/L   | 86       |
| 69) 1,3,5-Trichlorobenzene    | 13.230 | 180  | 3818     | 0.34 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.847 | 180  | 3201     | 0.35 | ug/L   | 100      |
| 71) Naphthalene               | 14.098 | 128  | 4693     | 0.30 | ug/L # | 96       |
| 72) 1,2,3-Trichlorobenzene    | 14.339 | 180  | 2798     | 0.33 | ug/L   | 95       |
| -----                         |        |      |          |      |        |          |

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

