

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051521\  
 Data File : VU043755.D  
 Acq On : 14 May 2021 14:58  
 Operator : SY/MD  
 Sample : VSTD00134  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD001134

Quant Time: May 15 00:28:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat May 15 00:28:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114  | 223385   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117  | 226319   | 5.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152  | 112080   | 5.00 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65   | 16164    | 0.91 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.919  | 69   | 10874    | 0.84 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65   | 6472     | 0.77 | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.649  | 46   | 28068    | 5.82 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.073  | 84   | 25458    | 0.77 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65   | 13418    | 0.70 | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.735  | 84   | 52075    | 0.87 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67   | 16838    | 0.81 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.906  | 98   | 46518    | 0.84 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79   | 6038     | 0.73 | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.645  | 63   | 23129    | 6.80 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84   | 13742    | 0.83 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152  | 17184    | 0.88 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 15731    | 1.02 | ug/L  | 98       |
| 3) Chloromethane              | 1.523  | 50   | 19055    | 1.13 | ug/L  | 98       |
| 5) Vinyl chloride             | 1.607  | 62   | 17947    | 1.11 | ug/L  | 97       |
| 6) Bromomethane               | 1.864  | 94   | 10979    | 1.36 | ug/L  | 97       |
| 8) Chloroethane               | 1.941  | 64   | 10588    | 1.05 | ug/L  | 96       |
| 9) Trichlorofluoromethane     | 2.144  | 101  | 21581    | 0.92 | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101  | 14425    | 0.98 | ug/L  | 97       |
| 12) 1,1-Dichloroethene        | 2.588  | 96   | 13960    | 1.07 | ug/L  | 97       |
| 13) Acetone                   | 2.655  | 43   | 18843    | 5.87 | ug/L  | 93       |
| 14) Carbon disulfide          | 2.800  | 76   | 47216    | 1.34 | ug/L  | 99       |
| 15) Methyl Acetate            | 2.967  | 43   | 5802     | 0.74 | ug/L  | 94       |
| 16) Methylene chloride        | 3.054  | 84   | 25523    | 1.23 | ug/L  | 99       |
| 17) Methyl tert-butyl Ether   | 3.372  | 73   | 30058    | 0.84 | ug/L  | 98       |
| 18) trans-1,2-Dichloroethene  | 3.362  | 96   | 14952    | 1.10 | ug/L  | 92       |
| 19) 1,1-Dichloroethane        | 3.880  | 63   | 26322    | 0.86 | ug/L  | 99       |
| 21) 2-Butanone                | 4.729  | 43   | 31699    | 5.98 | ug/L  | 98       |
| 22) cis-1,2-Dichloroethene    | 4.678  | 96   | 14946    | 0.96 | ug/L  | 96       |
| 23) Bromochloromethane        | 4.986  | 128  | 7197     | 1.03 | ug/L  | 97       |
| 25) Chloroform                | 5.099  | 83   | 26202    | 0.81 | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 16178    | 0.76 | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 5.327  | 97   | 21827    | 0.84 | ug/L  | 98       |
| 30) Cyclohexane               | 5.395  | 56   | 21517    | 0.96 | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.533  | 117  | 17542    | 0.82 | ug/L  | 98       |
| 33) Benzene                   | 5.784  | 78   | 58487    | 0.96 | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 15340    | 0.99 | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.771  | 83   | 21323    | 1.01 | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 15423    | 0.87 | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.115  | 83   | 18156    | 0.81 | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 7.616  | 75   | 18915    | 0.81 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.803  | 43   | 92888    | 6.90 | ug/L  | 96       |
| 42) Toluene                   | 7.976  | 91   | 59162    | 0.92 | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 16727    | 0.79 | ug/L  | 96       |

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 ClientSampleId :  
 VSTD001134

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat May 15 00:28:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 11233    | 0.91 | ug/L  | 97       |
| 47) Tetrachloroethene         | 8.558  | 164  | 12162    | 1.03 | ug/L  | 97       |
| 48) 2-Hexanone                | 8.693  | 43   | 67662    | 6.84 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.816  | 129  | 12178    | 0.83 | ug/L  | 94       |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 10709    | 0.94 | ug/L  | 98       |
| 51) Chlorobenzene             | 9.452  | 112  | 38513    | 0.95 | ug/L  | 98       |
| 52) Ethylbenzene              | 9.578  | 91   | 57247    | 0.85 | ug/L  | 99       |
| 53) m,p-Xylene                | 9.700  | 106  | 20883    | 0.84 | ug/L  | 99       |
| 54) o-Xylene                  | 10.108 | 106  | 20046    | 0.84 | ug/L  | 98       |
| 55) Styrene                   | 10.121 | 104  | 33000    | 0.79 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 14297    | 0.88 | ug/L  | 97       |
| 59) Bromoform                 | 10.298 | 173  | 7121     | 0.89 | ug/L  | 96       |
| 60) Isopropylbenzene          | 10.491 | 105  | 51918    | 0.84 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.832 | 75   | 10297    | 0.93 | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 38097    | 0.78 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 37926    | 0.77 | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 11.754 | 146  | 29186    | 0.95 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.844 | 146  | 28911    | 0.92 | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 12.221 | 146  | 28098    | 0.92 | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 1972     | 0.77 | ug/L  | 92       |
| 69) 1,3,5-Trichlorobenzene    | 13.227 | 180  | 22108    | 0.92 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.848 | 180  | 16922    | 0.85 | ug/L  | 97       |
| 71) Naphthalene               | 14.095 | 128  | 27006    | 0.80 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 16256    | 0.88 | ug/L  | 97       |
| -----                         |        |      |          |      |       |          |

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

