

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122121\  
 Data File : VU046522.D  
 Acq On : 21 Dec 2021 11:54  
 Operator : SY/MD  
 Sample : VSTD0.540  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD0.5040

Manual Integrations  
 APPROVED

Reviewed By :Amit Patel 12/24/2021  
 Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 21 14:09:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 21 13:53:06 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114  | 99125    | 5.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117  | 97733    | 5.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152  | 48254    | 5.000 | ug/L   | 0.00     |
|                               |        |      |          |       |        |          |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65   | 3747     | 0.481 | ug/L   | 0.01     |
| 7) Chloroethane-d5            | 1.919  | 69   | 3260     | 0.575 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65   | 1557     | 0.482 | ug/L   | 0.01     |
| 20) 2-Butanone-d5             | 4.678  | 46   | 11758m   | 5.620 | ug/L   | 0.03     |
| 24) Chloroform-d              | 5.070  | 84   | 7242     | 0.548 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65   | 4341     | 0.563 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.732  | 84   | 13452    | 0.500 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67   | 4053     | 0.481 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.902  | 98   | 11723    | 0.481 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79   | 1794     | 0.513 | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.639  | 63   | 9833     | 5.850 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84   | 4343     | 0.595 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152  | 4575     | 0.547 | ug/L   | 0.00     |
|                               |        |      |          |       |        |          |
| Target Compounds              |        |      |          |       | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 7789     | 0.820 | ug/L   | 100      |
| 3) Chloromethane              | 1.523  | 50   | 7467     | 0.788 | ug/L   | 99       |
| 5) Vinyl chloride             | 1.610  | 62   | 7009     | 0.743 | ug/L   | 93       |
| 6) Bromomethane               | 1.864  | 94   | 4486     | 0.800 | ug/L   | 97       |
| 8) Chloroethane               | 1.941  | 64   | 4236     | 0.781 | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 2.147  | 101  | 8982     | 0.739 | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.591  | 101  | 4241     | 0.616 | ug/L   | 93       |
| 12) 1,1-Dichloroethene        | 2.588  | 96   | 4613     | 0.696 | ug/L   | 77       |
| 13) Acetone                   | 2.694  | 43   | 12729m   | 9.311 | ug/L   |          |
| 14) Carbon disulfide          | 2.800  | 76   | 15077    | 0.709 | ug/L   | 99       |
| 15) Methyl Acetate            | 2.977  | 43   | 2367     | 0.703 | ug/L # | 71       |
| 16) Methylene chloride        | 3.054  | 84   | 6404     | 0.667 | ug/L   | 96       |
| 17) Methyl tert-butyl Ether   | 3.369  | 73   | 13676    | 0.759 | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 3.362  | 96   | 5047     | 0.704 | ug/L   | 91       |
| 19) 1,1-Dichloroethane        | 3.883  | 63   | 9587     | 0.718 | ug/L   | 99       |
| 21) 2-Butanone                | 4.748  | 43   | 17484    | 7.569 | ug/L   | 77       |
| 22) cis-1,2-Dichloroethene    | 4.674  | 96   | 5558     | 0.717 | ug/L   | 94       |
| 23) Bromochloromethane        | 4.980  | 128  | 2986     | 0.856 | ug/L # | 69       |
| 25) Chloroform                | 5.092  | 83   | 10640    | 0.736 | ug/L   | 93       |
| 27) 1,2-Dichloroethane        | 5.800  | 62   | 7507     | 0.788 | ug/L   | 100      |
| 29) 1,1,1-Trichloroethane     | 5.321  | 97   | 8718     | 0.732 | ug/L   | 97       |
| 30) Cyclohexane               | 5.398  | 56   | 5846     | 0.519 | ug/L   | 92       |
| 31) Carbon tetrachloride      | 5.530  | 117  | 6944     | 0.699 | ug/L   | 99       |
| 33) Benzene                   | 5.777  | 78   | 21365    | 0.713 | ug/L   | 100      |
| 34) Trichloroethene           | 6.546  | 95   | 5634     | 0.724 | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.767  | 83   | 6275     | 0.536 | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.796  | 63   | 5342     | 0.678 | ug/L # | 96       |
| 38) Bromodichloromethane      | 7.112  | 83   | 7584     | 0.765 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.610  | 75   | 7651     | 0.675 | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 7.796  | 43   | 37638    | 7.054 | ug/L   | 98       |
| 42) Toluene                   | 7.973  | 91   | 20319    | 0.660 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.214  | 75   | 6983     | 0.697 | ug/L   | 100      |

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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 21 13:53:06 2021  
 Response via : Initial Calibration

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| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 8.404  | 97   | 4696     | 0.774 | ug/L   | 96       |
| 47) Tetrachloroethene         | 8.558  | 164  | 3801     | 0.704 | ug/L   | 98       |
| 48) 2-Hexanone                | 8.690  | 43   | 28425    | 7.398 | ug/L   | 100      |
| 49) Dibromochloromethane      | 8.812  | 129  | 5293     | 0.767 | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 8.928  | 107  | 4472     | 0.782 | ug/L # | 97       |
| 51) Chlorobenzene             | 9.449  | 112  | 14280    | 0.741 | ug/L   | 98       |
| 52) Ethylbenzene              | 9.574  | 91   | 20604    | 0.643 | ug/L   | 99       |
| 53) m,p-Xylene                | 9.697  | 106  | 7626     | 0.624 | ug/L   | 94       |
| 54) o-Xylene                  | 10.105 | 106  | 7142     | 0.601 | ug/L   | 99       |
| 55) Styrene                   | 10.118 | 104  | 11807    | 0.588 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 6178     | 0.799 | ug/L   | 96       |
| 59) Bromoform                 | 10.295 | 173  | 3101     | 0.823 | ug/L # | 96       |
| 60) Isopropylbenzene          | 10.488 | 105  | 18030    | 0.588 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.825 | 75   | 4695     | 0.821 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 14086    | 0.558 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 13466    | 0.532 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.748 | 146  | 9415     | 0.655 | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.838 | 146  | 9927     | 0.680 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.214 | 146  | 9898     | 0.714 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.996 | 75   | 969      | 0.790 | ug/L   | 95       |
| 69) 1,3,5-Trichlorobenzene    | 13.221 | 180  | 6981     | 0.647 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.844 | 180  | 5948     | 0.652 | ug/L   | 97       |
| 71) Naphthalene               | 14.089 | 128  | 11144    | 0.573 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 5883     | 0.645 | ug/L   | 96       |
| -----                         |        |      |          |       |        |          |

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

