

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031422\  
 Data File : VU047537.D  
 Acq On : 14 Mar 2022 15:43  
 Operator : SY/MD  
 Sample : VSTD00124  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD001024

Quant Time: Mar 15 05:16:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR031422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Mar 15 05:13:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114  | 150751   | 5.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117  | 146800   | 5.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152  | 78167    | 5.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65   | 9538     | 0.967  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.919  | 69   | 8548     | 0.955  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65   | 4306     | 0.931  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.652  | 46   | 29684    | 10.464 | ug/L  | 0.01     |
| 24) Chloroform-d              | 5.067  | 84   | 21492    | 0.993  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.707  | 65   | 11760    | 1.002  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.732  | 84   | 40696    | 0.952  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67   | 13154    | 0.979  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.899  | 98   | 37457    | 0.935  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79   | 5290     | 0.936  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.639  | 63   | 26945    | 9.200  | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84   | 13679    | 1.019  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152  | 16942    | 1.037  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 8053     | 0.868  | ug/L  | 99       |
| 3) Chloromethane              | 1.523  | 50   | 8257     | 0.908  | ug/L  | 97       |
| 5) Vinyl chloride             | 1.607  | 62   | 8435     | 0.899  | ug/L  | 97       |
| 6) Bromomethane               | 1.861  | 94   | 4042     | 0.916  | ug/L  | 98       |
| 8) Chloroethane               | 1.941  | 64   | 5185     | 0.915  | ug/L  | 96       |
| 9) Trichlorofluoromethane     | 2.144  | 101  | 10934    | 0.889  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101  | 6762     | 0.871  | ug/L  | 96       |
| 12) 1,1-Dichloroethene        | 2.588  | 96   | 6942     | 0.924  | ug/L  | 82       |
| 13) Acetone                   | 2.658  | 43   | 11129    | 10.062 | ug/L  | 96       |
| 14) Carbon disulfide          | 2.800  | 76   | 20487    | 0.907  | ug/L  | 99       |
| 15) Methyl Acetate            | 2.967  | 43   | 2325     | 0.762  | ug/L  | 95       |
| 16) Methylene chloride        | 3.054  | 84   | 13490    | 1.218  | ug/L  | 98       |
| 17) Methyl tert-butyl Ether   | 3.369  | 73   | 16877    | 0.876  | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 3.359  | 96   | 7531     | 0.933  | ug/L  | 94       |
| 19) 1,1-Dichloroethane        | 3.874  | 63   | 12747    | 0.898  | ug/L  | 98       |
| 21) 2-Butanone                | 4.732  | 43   | 19841    | 9.428  | ug/L  | 97       |
| 22) cis-1,2-Dichloroethene    | 4.674  | 96   | 7911     | 0.883  | ug/L  | 94       |
| 23) Bromochloromethane        | 4.980  | 128  | 4159     | 0.915  | ug/L  | 98       |
| 25) Chloroform                | 5.092  | 83   | 14216    | 0.911  | ug/L  | 97       |
| 27) 1,2-Dichloroethane        | 5.800  | 62   | 8989     | 0.900  | ug/L  | 97       |
| 29) 1,1,1-Trichloroethane     | 5.321  | 97   | 11699    | 0.896  | ug/L  | 99       |
| 30) Cyclohexane               | 5.395  | 56   | 9445     | 0.838  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.530  | 117  | 10085    | 0.878  | ug/L  | 100      |
| 33) Benzene                   | 5.777  | 78   | 29488    | 0.889  | ug/L  | 100      |
| 34) Trichloroethene           | 6.546  | 95   | 7943     | 0.904  | ug/L  | 94       |
| 35) Methylcyclohexane         | 6.768  | 83   | 10305    | 0.815  | ug/L  | 95       |
| 37) 1,2-Dichloropropane       | 6.793  | 63   | 7542     | 0.887  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.108  | 83   | 10233    | 0.874  | ug/L  | 95       |
| 39) cis-1,3-Dichloropropene   | 7.610  | 75   | 11265    | 0.853  | ug/L  | 96       |
| 40) 4-Methyl-2-pentanone      | 7.796  | 43   | 50288    | 8.487  | ug/L  | 99       |
| 42) Toluene                   | 7.970  | 91   | 30941    | 0.860  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.211  | 75   | 9718     | 0.825  | ug/L  | 89       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031422\  
 Data File : VU047537.D  
 Acq On : 14 Mar 2022 15:43  
 Operator : SY/MD  
 Sample : VSTD00124  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD001024

Quant Time: Mar 15 05:16:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR031422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Mar 15 05:13:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| 45) 1,1,2-Trichloroethane     | 8.401  | 97   | 6463     | 0.887 | ug/L  | 95       |
| 47) Tetrachloroethene         | 8.555  | 164  | 6812     | 0.909 | ug/L  | 99       |
| 48) 2-Hexanone                | 8.690  | 43   | 39951    | 8.860 | ug/L  | 96       |
| 49) Dibromochloromethane      | 8.813  | 129  | 7694     | 0.857 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.928  | 107  | 6366     | 0.883 | ug/L  | 94       |
| 51) Chlorobenzene             | 9.449  | 112  | 21585    | 0.879 | ug/L  | 92       |
| 52) Ethylbenzene              | 9.571  | 91   | 32411    | 0.851 | ug/L  | 100      |
| 53) m,p-Xylene                | 9.694  | 106  | 12351    | 0.839 | ug/L  | 97       |
| 54) o-Xylene                  | 10.102 | 106  | 12022    | 0.826 | ug/L  | 94       |
| 55) Styrene                   | 10.115 | 104  | 19730    | 0.790 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.784 | 83   | 8427     | 0.863 | ug/L  | 99       |
| 59) Bromoform                 | 10.292 | 173  | 4780     | 0.867 | ug/L  | 97       |
| 60) Isopropylbenzene          | 10.484 | 105  | 30636    | 0.868 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.825 | 75   | 6270     | 0.956 | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 18580    | 0.824 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 24228    | 0.828 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146  | 17780    | 0.903 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.835 | 146  | 18600    | 0.925 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.211 | 146  | 17900    | 0.919 | ug/L  | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 12.999 | 75   | 1416     | 0.900 | ug/L  | 92       |
| 69) 1,3,5-Trichlorobenzene    | 13.221 | 180  | 15066    | 0.905 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.841 | 180  | 13284    | 0.907 | ug/L  | 100      |
| 71) Naphthalene               | 14.086 | 128  | 22563    | 0.830 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 12758    | 0.908 | ug/L  | 98       |
| -----                         |        |      |          |       |       |          |

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

