

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030422\  
 Data File : VU047328.D  
 Acq On : 04 Mar 2022 13:51  
 Operator : SY/MD  
 Sample : VSTD01010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD010010

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 03/07/2022  
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 14:48:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 04 14:46:10 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114  | 221357   | 5.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117  | 212927   | 5.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152  | 125874   | 5.000   | ug/L   | 0.00     |
|                               |        |      |          |         |        |          |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65   | 132857   | 8.738   | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.919  | 69   | 109960   | 8.694   | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65   | 58152    | 9.288   | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 4.648  | 46   | 440899m  | 96.880  | ug/L   | 0.00     |
| 24) Chloroform-d              | 5.070  | 84   | 247644   | 8.782   | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65   | 135657   | 8.554   | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.732  | 84   | 503682   | 8.666   | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67   | 155205   | 8.476   | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.899  | 98   | 484608   | 8.917   | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79   | 71752    | 9.072   | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.639  | 63   | 408408   | 91.464  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84   | 166614   | 9.091   | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152  | 212834   | 8.627   | ug/L   | 0.00     |
|                               |        |      |          |         |        |          |
| Target Compounds              |        |      |          |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 165029   | 12.228  | ug/L   | 99       |
| 3) Chloromethane              | 1.526  | 50   | 162654   | 9.951   | ug/L   | 99       |
| 5) Vinyl chloride             | 1.607  | 62   | 161176   | 10.669  | ug/L   | 99       |
| 6) Bromomethane               | 1.864  | 94   | 85991    | 10.318  | ug/L   | 98       |
| 8) Chloroethane               | 1.941  | 64   | 95003    | 10.836  | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 2.144  | 101  | 211532   | 11.812  | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.587  | 101  | 128258   | 12.446  | ug/L   | 91       |
| 12) 1,1-Dichloroethene        | 2.587  | 96   | 121646   | 11.094  | ug/L   | 78       |
| 13) Acetone                   | 2.668  | 43   | 207296   | 164.836 | ug/L   | 92       |
| 14) Carbon disulfide          | 2.800  | 76   | 390829   | 10.945  | ug/L   | 99       |
| 15) Methyl Acetate            | 2.964  | 43   | 62787    | 13.720  | ug/L   | 97       |
| 16) Methylene chloride        | 3.050  | 84   | 132536   | 9.903   | ug/L   | 93       |
| 17) Methyl tert-butyl Ether   | 3.369  | 73   | 323637   | 10.582  | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 3.359  | 96   | 130504   | 10.721  | ug/L   | 90       |
| 19) 1,1-Dichloroethane        | 3.877  | 63   | 218390   | 10.817  | ug/L   | 99       |
| 21) 2-Butanone                | 4.729  | 43   | 430731m  | 124.055 | ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96   | 141865   | 10.704  | ug/L   | 96       |
| 23) Bromochloromethane        | 4.980  | 128  | 72145    | 11.014  | ug/L # | 83       |
| 25) Chloroform                | 5.092  | 83   | 232403   | 10.345  | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.796  | 62   | 157036   | 10.537  | ug/L   | 99       |
| 29) 1,1,1-Trichloroethane     | 5.320  | 97   | 203481   | 11.272  | ug/L   | 98       |
| 30) Cyclohexane               | 5.391  | 56   | 205368   | 11.941  | ug/L   | 96       |
| 31) Carbon tetrachloride      | 5.529  | 117  | 180993   | 11.707  | ug/L   | 99       |
| 33) Benzene                   | 5.777  | 78   | 526635   | 10.530  | ug/L   | 100      |
| 34) Trichloroethene           | 6.545  | 95   | 142688   | 11.006  | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.767  | 83   | 238329   | 12.800  | ug/L   | 94       |
| 37) 1,2-Dichloropropane       | 6.793  | 63   | 129462   | 10.406  | ug/L   | 99       |
| 38) Bromodichloromethane      | 7.108  | 83   | 174838   | 10.770  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.610  | 75   | 214306   | 11.047  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.796  | 43   | 1007476  | 108.462 | ug/L   | 97       |
| 42) Toluene                   | 7.970  | 91   | 584120   | 10.763  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 8.211  | 75   | 194306   | 11.470  | ug/L   | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 8.401  | 97   | 113721   | 10.625  | ug/L   | 99       |
| 47) Tetrachloroethene         | 8.555  | 164  | 123342   | 11.315  | ug/L   | 92       |
| 48) 2-Hexanone                | 8.690  | 43   | 753098   | 109.708 | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.812  | 129  | 139219   | 11.388  | ug/L   | 97       |
| 50) 1,2-Dibromoethane         | 8.925  | 107  | 118420   | 10.963  | ug/L # | 98       |
| 51) Chlorobenzene             | 9.449  | 112  | 391452   | 10.698  | ug/L   | 95       |
| 52) Ethylbenzene              | 9.571  | 91   | 640053   | 11.290  | ug/L   | 99       |
| 53) m,p-Xylene                | 9.693  | 106  | 253984   | 11.198  | ug/L   | 99       |
| 54) o-Xylene                  | 10.102 | 106  | 245705   | 11.271  | ug/L   | 99       |
| 55) Styrene                   | 10.114 | 104  | 425229   | 11.660  | ug/L   | 95       |
| 57) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 162464   | 11.197  | ug/L   | 95       |
| 59) Bromoform                 | 10.291 | 173  | 92647    | 10.217  | ug/L # | 97       |
| 60) Isopropylbenzene          | 10.484 | 105  | 650035   | 10.123  | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 10.825 | 75   | 114155   | 10.101  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 441461   | 10.393  | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 574196   | 10.433  | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146  | 341254   | 10.383  | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.835 | 146  | 345707   | 10.285  | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 12.211 | 146  | 333508   | 10.243  | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.995 | 75   | 26464    | 10.114  | ug/L # | 72       |
| 69) 1,3,5-Trichlorobenzene    | 13.217 | 180  | 291337   | 10.444  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.838 | 180  | 260852   | 10.446  | ug/L   | 98       |
| 71) Naphthalene               | 14.085 | 128  | 517206   | 10.373  | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 240187   | 10.227  | ug/L   | 97       |

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

