

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032124\  
 Data File : VU058180.D  
 Acq On : 21 Mar 2024 12:36  
 Operator : MD/SY  
 Sample : VSTD00142  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD001042

Quant Time: Mar 22 04:39:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 22 04:38:25 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/22/2024  
 Supervised By :Semsettin Yesilyurt 03/22/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114  | 87850    | 5.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117  | 83809    | 5.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152  | 36955    | 5.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65   | 6609     | 1.024  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.911  | 69   | 5439     | 1.021  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65   | 2721     | 0.984  | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 4.653  | 46   | 11133m   | 10.321 | ug/L   | 0.03     |
| 24) Chloroform-d              | 5.058  | 84   | 12078    | 1.001  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65   | 5635     | 1.022  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.724  | 84   | 23525    | 0.955  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67   | 6929     | 0.930  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.894  | 98   | 20418    | 0.919  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79   | 1979     | 0.791  | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.634  | 63   | 7697m    | 8.870  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84   | 4433     | 0.973  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152  | 5890     | 0.957  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.380  | 85   | 3923     | 0.796  | ug/L   | 99       |
| 3) Chloromethane              | 1.518  | 50   | 4809     | 0.823  | ug/L   | 99       |
| 5) Vinyl chloride             | 1.602  | 62   | 5150     | 0.825  | ug/L   | 99       |
| 6) Bromomethane               | 1.856  | 94   | 3010     | 0.905  | ug/L   | 94       |
| 8) Chloroethane               | 1.933  | 64   | 3370     | 0.845  | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 2.139  | 101  | 7934     | 0.868  | ug/L   | 96       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.579  | 101  | 5461     | 0.949  | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.576  | 96   | 4456     | 0.887  | ug/L   | 98       |
| 13) Acetone                   | 2.653  | 43   | 7708     | 10.060 | ug/L   | 99       |
| 14) Carbon disulfide          | 2.792  | 76   | 9822     | 0.655  | ug/L   | 100      |
| 15) Methyl Acetate            | 2.962  | 43   | 1889     | 1.110  | ug/L # | 77       |
| 16) Methylene chloride        | 3.039  | 84   | 6369     | 1.022  | ug/L   | 96       |
| 17) Methyl tert-butyl Ether   | 3.357  | 73   | 11309    | 0.926  | ug/L   | 97       |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96   | 4915     | 0.895  | ug/L   | 89       |
| 19) 1,1-Dichloroethane        | 3.862  | 63   | 10297    | 0.921  | ug/L   | 98       |
| 21) 2-Butanone                | 4.727  | 43   | 11711    | 9.693  | ug/L   | 89       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96   | 5925     | 0.964  | ug/L   | 90       |
| 23) Bromochloromethane        | 4.972  | 128  | 2048     | 0.893  | ug/L   | 91       |
| 25) Chloroform                | 5.081  | 83   | 11140    | 0.971  | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 5.791  | 62   | 6120     | 0.964  | ug/L   | 100      |
| 29) 1,1,1-Trichloroethane     | 5.312  | 97   | 8375     | 0.869  | ug/L   | 98       |
| 30) Cyclohexane               | 5.383  | 56   | 7589     | 0.806  | ug/L   | 94       |
| 31) Carbon tetrachloride      | 5.518  | 117  | 7231     | 0.873  | ug/L   | 94       |
| 33) Benzene                   | 5.772  | 78   | 22031    | 0.890  | ug/L   | 100      |
| 34) Trichloroethene           | 6.541  | 95   | 5908     | 0.907  | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.756  | 83   | 7570     | 0.778  | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 6.785  | 63   | 6285     | 0.976  | ug/L   | 98       |
| 38) Bromodichloromethane      | 7.100  | 83   | 6880     | 0.887  | ug/L   | 90       |
| 39) cis-1,3-Dichloropropene   | 7.605  | 75   | 7053     | 0.804  | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone      | 7.788  | 43   | 29212    | 9.794  | ug/L   | 98       |
| 42) Toluene                   | 7.965  | 91   | 22629    | 0.881  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 8.213  | 75   | 5341     | 0.764  | ug/L   | 99       |

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|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 8.396  | 97   | 3918     | 1.016 | ug/L   | 97       |
| 47) Tetrachloroethene         | 8.547  | 164  | 3709     | 0.824 | ug/L   | 98       |
| 48) 2-Hexanone                | 8.685  | 43   | 20436    | 9.369 | ug/L   | 94       |
| 49) Dibromochloromethane      | 8.804  | 129  | 4071     | 0.904 | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 8.920  | 107  | 3234     | 0.951 | ug/L # | 89       |
| 51) Chlorobenzene             | 9.444  | 112  | 15206    | 0.934 | ug/L   | 96       |
| 52) Ethylbenzene              | 9.566  | 91   | 24315    | 0.844 | ug/L   | 98       |
| 53) m,p-Xylene                | 9.688  | 106  | 8328     | 0.811 | ug/L   | 99       |
| 54) o-Xylene                  | 10.094 | 106  | 8457     | 0.818 | ug/L   | 98       |
| 55) Styrene                   | 10.113 | 104  | 12864    | 0.799 | ug/L   | 95       |
| 57) 1,1,2,2-Tetrachloroethane | 10.775 | 83   | 4747     | 1.044 | ug/L   | 94       |
| 59) Bromoform                 | 10.290 | 173  | 2036     | 1.006 | ug/L # | 87       |
| 60) Isopropylbenzene          | 10.479 | 105  | 22493    | 0.938 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 10.817 | 75   | 3194     | 1.068 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 11.084 | 105  | 18070    | 0.894 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.463 | 105  | 17157    | 0.863 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.743 | 146  | 10818    | 0.986 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146  | 9979     | 0.932 | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 12.209 | 146  | 9935     | 1.032 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 13.003 | 75   | 359      | 0.610 | ug/L   | 83       |
| 69) 1,3,5-Trichlorobenzene    | 13.216 | 180  | 6920     | 0.880 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.839 | 180  | 4593     | 0.781 | ug/L   | 97       |
| 71) Naphthalene               | 14.090 | 128  | 5586     | 0.695 | ug/L   | 96       |
| 72) 1,2,3-Trichlorobenzene    | 14.328 | 180  | 3728     | 0.794 | ug/L   | 93       |
| -----                         |        |      |          |       |        |          |

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

