

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101222\  
 Data File : VW024866.D  
 Acq On : 12 Oct 2022 11:40  
 Operator : SY/VA  
 Sample : VSTD05058  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD050458

Quant Time: Oct 12 22:48:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 12 22:46:18 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/13/2022  
 Supervised By : Mahesh Dadoda 10/13/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114  | 434324   | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117  | 395427   | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152  | 187256   | 25.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65   | 235098   | 45.882  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.885  | 69   | 141931   | 47.309  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63   | 522139   | 46.867  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 7.080  | 46   | 155912   | 96.032  | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.647  | 84   | 565485   | 46.161  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 289749   | 45.193  | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.275  | 84   | 1152418  | 46.475  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67   | 353747   | 46.513  | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 1022818  | 45.957  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79   | 143600   | 49.785  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.921 | 63   | 129160   | 101.294 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84   | 273125   | 46.049  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 327813   | 47.904  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.007  | 85   | 115698m  | 58.653  | ug/L  |          |
| 3) Chloromethane              | 2.221  | 50   | 247673   | 54.726  | ug/L  | 100      |
| 5) Vinyl chloride             | 2.367  | 62   | 331045   | 53.615  | ug/L  | 98       |
| 6) Bromomethane               | 2.782  | 94   | 156005   | 52.020  | ug/L  | 90       |
| 8) Chloroethane               | 2.922  | 64   | 135988   | 52.858  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 3.257  | 101  | 150248   | 49.194  | ug/L  | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101  | 314110   | 50.512  | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 4.044  | 96   | 308741   | 52.469  | ug/L  | 91       |
| 13) Acetone                   | 4.123  | 43   | 102837   | 92.198  | ug/L  | 97       |
| 14) Carbon disulfide          | 4.385  | 76   | 1032972  | 53.744  | ug/L  | 99       |
| 15) Methyl Acetate            | 4.672  | 43   | 142225   | 51.961  | ug/L  | 100      |
| 16) Methylene chloride        | 4.922  | 84   | 317986   | 41.466  | ug/L  | 95       |
| 17) trans-1,2-Dichloroethene  | 5.422  | 96   | 333494   | 52.067  | ug/L  | 95       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73   | 492746   | 51.769  | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 602287   | 50.827  | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96   | 358461   | 51.814  | ug/L  | 100      |
| 22) 2-Butanone                | 7.171  | 43   | 185249   | 97.742  | ug/L  | 99       |
| 23) Bromochloromethane        | 7.513  | 128  | 149772   | 52.896  | ug/L  | 95       |
| 25) Chloroform                | 7.677  | 83   | 592668   | 50.955  | ug/L  | 95       |
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 384112   | 51.065  | ug/L  | 100      |
| 29) Cyclohexane               | 7.958  | 56   | 616044   | 53.644  | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 471039   | 51.797  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 414797   | 51.950  | ug/L  | 98       |
| 33) Benzene                   | 8.323  | 78   | 1362662  | 50.653  | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 349644   | 51.609  | ug/L  | 97       |
| 35) Methylcyclohexane         | 9.335  | 83   | 648385   | 53.177  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 344688   | 51.413  | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.640  | 83   | 425901   | 51.415  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 527707   | 54.456  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 417100   | 105.260 | ug/L  | 100      |
| 42) Toluene                   | 10.384 | 91   | 1435611  | 52.049  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 449269   | 55.840  | ug/L  | 99       |

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 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 12 22:46:18 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 238537   | 50.937  | ug/L   | 99       |
| 46) Tetrachloroethene         | 10.860 | 164  | 241896   | 52.511  | ug/L   | 92       |
| 48) 2-Hexanone                | 10.963 | 43   | 288958   | 107.552 | ug/L   | 96       |
| 49) Dibromochloromethane      | 11.128 | 129  | 272464   | 52.558  | ug/L   | 93       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 229875   | 52.108  | ug/L   | 97       |
| 51) Chlorobenzene             | 11.652 | 112  | 889522   | 51.312  | ug/L   | 99       |
| 52) Ethylbenzene              | 11.731 | 91   | 1611326  | 52.170  | ug/L   | 99       |
| 53) m,p-Xylene                | 11.835 | 106  | 601726   | 51.278  | ug/L   | 94       |
| 54) o-Xylene                  | 12.164 | 106  | 589490   | 52.760  | ug/L   | 97       |
| 55) Styrene                   | 12.176 | 104  | 1030202  | 53.759  | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 295472   | 51.715  | ug/L   | 98       |
| 59) Bromoform                 | 12.347 | 173  | 134078   | 53.510  | ug/L # | 95       |
| 60) Isopropylbenzene          | 12.463 | 105  | 1595440  | 52.819  | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 216932   | 52.687  | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 1413888  | 54.519  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 1342715  | 53.699  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146  | 651330   | 52.947  | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 648819   | 52.105  | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 569307   | 52.066  | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 49133    | 55.119  | ug/L   | 94       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 426484   | 53.099  | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 361148   | 55.419  | ug/L   | 99       |
| 71) Naphthalene               | 15.359 | 128  | 814483   | 57.684  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 297120   | 53.418  | ug/L   | 96       |

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

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