

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050222\  
 Data File : VW022729.D  
 Acq On : 02 May 2022 09:57  
 Operator : SY/VA  
 Sample : VSTD2.501  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD2.5401

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/03/2022  
 Supervised By :Mahesh Dadoda 05/04/2022

Quant Time: May 02 23:59:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon May 02 23:58:08 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114  | 320624   | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117  | 299888   | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152  | 160353   | 25.000 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65   | 17096    | 2.599  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.879  | 69   | 10027    | 2.343  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63   | 22077m   | 2.600  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 7.086  | 46   | 6133m    | 4.945  | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.653  | 84   | 22004    | 2.342  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65   | 12304    | 2.388  | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.275  | 84   | 40837    | 2.363  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67   | 11416    | 2.351  | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 38917    | 2.331  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79   | 4721     | 2.112  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.927 | 63   | 3754     | 4.050  | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84   | 10524    | 2.325  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152  | 12489    | 2.228  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.007  | 85   | 3647     | 2.108  | ug/L  | # 72     |
| 3) Chloromethane              | 2.215  | 50   | 9348     | 2.768  | ug/L  | 100      |
| 5) Vinyl chloride             | 2.361  | 62   | 18954    | 2.796  | ug/L  | 100      |
| 6) Bromomethane               | 2.776  | 94   | 12687    | 2.915  | ug/L  | 91       |
| 8) Chloroethane               | 2.916  | 64   | 8528     | 2.609  | ug/L  | 96       |
| 9) Trichlorofluoromethane     | 3.257  | 101  | 9070     | 2.928  | ug/L  | 91       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101  | 12318m   | 2.671  | ug/L  |          |
| 12) 1,1-Dichloroethene        | 4.044  | 96   | 11009    | 2.681  | ug/L  | 83       |
| 13) Acetone                   | 4.135  | 43   | 7217m    | 8.518  | ug/L  |          |
| 14) Carbon disulfide          | 4.391  | 76   | 31106    | 2.763  | ug/L  | 96       |
| 15) Methyl Acetate            | 4.672  | 43   | 4674     | 2.401  | ug/L  | # 81     |
| 17) trans-1,2-Dichloroethene  | 5.421  | 96   | 12881    | 2.787  | ug/L  | 95       |
| 18) Methyl tert-butyl Ether   | 5.421  | 73   | 18746m   | 2.663  | ug/L  |          |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 20837    | 2.660  | ug/L  | 96       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96   | 13091m   | 2.637  | ug/L  |          |
| 22) 2-Butanone                | 7.177  | 43   | 7990m    | 6.111  | ug/L  |          |
| 23) Bromochloromethane        | 7.519  | 128  | 6401     | 2.754  | ug/L  | 91       |
| 25) Chloroform                | 7.677  | 83   | 22969    | 2.652  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 15688    | 2.717  | ug/L  | # 94     |
| 29) Cyclohexane               | 7.958  | 56   | 17314    | 2.670  | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 18988    | 2.679  | ug/L  | 96       |
| 31) Carbon tetrachloride      | 8.073  | 117  | 18321    | 2.764  | ug/L  | 99       |
| 33) Benzene                   | 8.323  | 78   | 50228    | 2.843  | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 13365    | 2.751  | ug/L  | 95       |
| 35) Methylcyclohexane         | 9.335  | 83   | 21379    | 2.679  | ug/L  | 96       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 12234    | 2.862  | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.640  | 83   | 16245    | 2.675  | ug/L  | # 98     |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 15745    | 2.375  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 14682    | 5.449  | ug/L  | 98       |
| 42) Toluene                   | 10.390 | 91   | 52499    | 2.652  | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 14048    | 2.374  | ug/L  | 91       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 9797     | 2.741  | ug/L  | 92       |

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 Quant Title : SFAM01.0  
 QLast Update : Mon May 02 23:58:08 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 46) Tetrachloroethene         | 10.866 | 164  | 9773     | 2.677 | ug/L   | 96       |
| 48) 2-Hexanone                | 10.969 | 43   | 9373     | 5.206 | ug/L # | 90       |
| 49) Dibromochloromethane      | 11.128 | 129  | 10716    | 2.491 | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 9640     | 2.686 | ug/L # | 93       |
| 51) Chlorobenzene             | 11.652 | 112  | 34784    | 2.665 | ug/L   | 95       |
| 52) Ethylbenzene              | 11.731 | 91   | 57574    | 2.614 | ug/L   | 100      |
| 53) m,p-Xylene                | 11.835 | 106  | 21729    | 2.504 | ug/L   | 86       |
| 54) o-Xylene                  | 12.164 | 106  | 20731    | 2.489 | ug/L   | 94       |
| 55) Styrene                   | 12.176 | 104  | 33222    | 2.348 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.707 | 83   | 12057    | 2.701 | ug/L # | 98       |
| 59) Bromoform                 | 12.353 | 173  | 5384     | 2.369 | ug/L   | 98       |
| 60) Isopropylbenzene          | 12.463 | 105  | 55474    | 2.525 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 9272     | 2.894 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 31564    | 2.583 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 45645    | 2.487 | ug/L   | 94       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146  | 26084    | 2.659 | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 27659    | 2.730 | ug/L   | 93       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 23620    | 2.632 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.487 | 75   | 2007     | 2.866 | ug/L # | 78       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 16867    | 2.591 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 12946    | 2.472 | ug/L   | 94       |
| 71) Naphthalene               | 15.359 | 128  | 25536    | 2.243 | ug/L # | 95       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 11849    | 2.553 | ug/L   | 98       |

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

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