

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072424\  
 Data File : VW029714.D  
 Acq On : 24 Jul 2024 15:52  
 Operator : SY/MD  
 Sample : VSTD00559  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD005459

Quant Time: Jul 25 01:11:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 25 01:09:55 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/25/2024  
 Supervised By :Mahesh Dadoda 07/26/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114  | 252595   | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 232255   | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 113265   | 25.000 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65   | 19666    | 5.018  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.899  | 69   | 13550    | 4.791  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65   | 8049     | 4.533  | ug/L  | -0.01    |
| 21) 2-Butanone-d5             | 7.094  | 46   | 8538     | 7.175  | ug/L  | 0.01     |
| 24) Chloroform-d              | 7.648  | 84   | 31197    | 4.400  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 16943    | 4.084  | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.270  | 84   | 58650    | 4.346  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67   | 18100    | 4.185  | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.325 | 98   | 49512    | 4.142  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79   | 6912     | 3.794  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 5528m    | 7.032  | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 13473    | 3.872  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152  | 15517    | 4.031  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.015  | 85   | 15176    | 5.468  | ug/L  | 99       |
| 3) Chloromethane              | 2.216  | 50   | 18958    | 5.344  | ug/L  | 95       |
| 5) Vinyl chloride             | 2.369  | 62   | 22146    | 5.501  | ug/L  | 100      |
| 6) Bromomethane               | 2.783  | 94   | 12566    | 5.419  | ug/L  | 97       |
| 8) Chloroethane               | 2.930  | 64   | 12889    | 5.307  | ug/L  | 89       |
| 9) Trichlorofluoromethane     | 3.259  | 101  | 18139m   | 5.152  | ug/L  |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.070  | 101  | 19242m   | 5.608  | ug/L  |          |
| 12) 1,1-Dichloroethene        | 4.045  | 96   | 16291    | 5.038  | ug/L  | 91       |
| 13) Acetone                   | 4.125  | 43   | 11138    | 8.924  | ug/L  | 98       |
| 14) Carbon disulfide          | 4.387  | 76   | 52841    | 4.994  | ug/L  | 99       |
| 15) Methyl Acetate            | 4.673  | 43   | 10014    | 4.595  | ug/L  | 96       |
| 16) Methylene chloride        | 4.917  | 84   | 31909    | 6.909  | ug/L  | 98       |
| 17) trans-1,2-Dichloroethene  | 5.423  | 96   | 17694    | 4.984  | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73   | 28372    | 4.693  | ug/L  | 95       |
| 19) 1,1-Dichloroethane        | 6.216  | 63   | 38400    | 5.258  | ug/L  | 95       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96   | 19129    | 4.950  | ug/L  | 97       |
| 22) 2-Butanone                | 7.173  | 43   | 14057    | 8.603  | ug/L  | 96       |
| 23) Bromochloromethane        | 7.514  | 128  | 8492     | 4.943  | ug/L  | 94       |
| 25) Chloroform                | 7.673  | 83   | 35759    | 5.091  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 26527    | 5.068  | ug/L  | 97       |
| 29) Cyclohexane               | 7.953  | 56   | 29963    | 5.010  | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.868  | 97   | 28772    | 5.312  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 25646    | 5.151  | ug/L  | 97       |
| 33) Benzene                   | 8.319  | 78   | 77303    | 5.218  | ug/L  | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 20346    | 5.224  | ug/L  | 95       |
| 35) Methylcyclohexane         | 9.331  | 83   | 32712    | 5.122  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 21214    | 5.172  | ug/L  | 98       |
| 38) Bromodichloromethane      | 9.642  | 83   | 24606    | 4.931  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 28689    | 4.685  | ug/L  | 95       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 24431    | 8.514  | ug/L  | 99       |
| 42) Toluene                   | 10.386 | 91   | 77775    | 5.130  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 23519    | 4.509  | ug/L  | 99       |

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 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 25 01:09:55 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 14434    | 4.942 | ug/L   | 97       |
| 46) Tetrachloroethene         | 10.861 | 164  | 15180    | 5.552 | ug/L   | 90       |
| 48) 2-Hexanone                | 10.965 | 43   | 18138    | 8.479 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.123 | 129  | 14096    | 4.659 | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 12897    | 4.654 | ug/L   | 96       |
| 51) Chlorobenzene             | 11.654 | 112  | 49554    | 5.089 | ug/L   | 96       |
| 52) Ethylbenzene              | 11.727 | 91   | 86800    | 5.078 | ug/L   | 100      |
| 53) m,p-Xylene                | 11.837 | 106  | 31607    | 5.028 | ug/L   | 92       |
| 54) o-Xylene                  | 12.166 | 106  | 28491    | 4.916 | ug/L   | 100      |
| 55) Styrene                   | 12.178 | 104  | 49699    | 4.852 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 17568    | 4.777 | ug/L   | 96       |
| 59) Bromoform                 | 12.349 | 173  | 7927     | 4.471 | ug/L   | 99       |
| 60) Isopropylbenzene          | 12.459 | 105  | 81296    | 4.957 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 13286    | 4.767 | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 49727    | 4.201 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 61326    | 4.769 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 35842    | 4.909 | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 36632    | 4.920 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 32611    | 4.942 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.483 | 75   | 2953     | 4.469 | ug/L # | 87       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 23257    | 4.835 | ug/L   | 94       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 18728    | 4.511 | ug/L   | 95       |
| 71) Naphthalene               | 15.360 | 128  | 34707    | 3.971 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 17331    | 4.616 | ug/L   | 98       |

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

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