

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW022924\  
 Data File : VW028085.D  
 Acq On : 29 Feb 2024 11:38  
 Operator : SY/MD  
 Sample : VSTD05019  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD050419

Quant Time: Mar 01 00:23:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Mar 01 00:20:35 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114  | 273242   | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 254181   | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 128224   | 25.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65   | 157339   | 48.238  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.905  | 69   | 129523   | 51.261  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65   | 65673    | 49.292  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.075  | 46   | 49589    | 106.577 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.648  | 84   | 297194   | 51.352  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 136651   | 50.735  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.276  | 84   | 602599   | 50.784  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67   | 155095   | 50.590  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.319 | 98   | 572392   | 51.187  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79   | 71516    | 53.232  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 48880    | 113.194 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 125872   | 52.021  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152  | 202284   | 53.046  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.021  | 85   | 122861   | 44.204  | ug/L   | 99       |
| 3) Chloromethane              | 2.229  | 50   | 127808   | 48.153  | ug/L   | 100      |
| 5) Vinyl chloride             | 2.375  | 62   | 169764   | 45.896  | ug/L   | 100      |
| 6) Bromomethane               | 2.790  | 94   | 137286   | 46.522  | ug/L   | 90       |
| 8) Chloroethane               | 2.936  | 64   | 109949   | 47.331  | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 3.271  | 101  | 160928   | 46.644  | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101  | 165698   | 46.194  | ug/L # | 75       |
| 12) 1,1-Dichloroethene        | 4.045  | 96   | 156373   | 46.037  | ug/L   | 90       |
| 13) Acetone                   | 4.125  | 43   | 66901    | 103.565 | ug/L   | 100      |
| 14) Carbon disulfide          | 4.393  | 76   | 476485   | 46.051  | ug/L   | 99       |
| 15) Methyl Acetate            | 4.673  | 43   | 43079    | 46.864  | ug/L   | 97       |
| 16) Methylene chloride        | 4.917  | 84   | 148808   | 39.590  | ug/L   | 95       |
| 17) trans-1,2-Dichloroethene  | 5.435  | 96   | 164027   | 45.193  | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73   | 209962   | 47.236  | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 6.222  | 63   | 258012   | 44.959  | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96   | 177529   | 46.478  | ug/L   | 96       |
| 22) 2-Butanone                | 7.167  | 43   | 74715    | 102.865 | ug/L   | 100      |
| 23) Bromochloromethane        | 7.520  | 128  | 82487    | 46.001  | ug/L   | 91       |
| 25) Chloroform                | 7.673  | 83   | 284179   | 44.334  | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 173359   | 45.482  | ug/L   | 100      |
| 29) Cyclohexane               | 7.959  | 56   | 229704   | 46.995  | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 253728   | 44.708  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 240959   | 45.467  | ug/L   | 100      |
| 33) Benzene                   | 8.325  | 78   | 623774   | 45.425  | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 176511   | 43.870  | ug/L   | 96       |
| 35) Methylcyclohexane         | 9.337  | 83   | 306144   | 47.013  | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 144177   | 45.086  | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.642  | 83   | 207323   | 44.885  | ug/L   | 94       |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75   | 253162   | 48.141  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 120947   | 95.224  | ug/L   | 98       |
| 42) Toluene                   | 10.386 | 91   | 700957   | 45.176  | ug/L   | 90       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 207659   | 48.609  | ug/L   | 98       |

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 Quant Title : SFAM01.0  
 QLast Update : Fri Mar 01 00:20:35 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 120011   | 44.749  | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.855 | 164  | 153222   | 45.438  | ug/L  | 96       |
| 48) 2-Hexanone                | 10.965 | 43   | 104598   | 101.849 | ug/L  | 99       |
| 49) Dibromochloromethane      | 11.129 | 129  | 149314   | 47.892  | ug/L  | 94       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 118692   | 45.950  | ug/L  | 92       |
| 51) Chlorobenzene             | 11.654 | 112  | 458053   | 44.243  | ug/L  | 94       |
| 52) Ethylbenzene              | 11.727 | 91   | 825987   | 46.562  | ug/L  | 96       |
| 53) m,p-Xylene                | 11.837 | 106  | 317308   | 46.102  | ug/L  | 97       |
| 54) o-Xylene                  | 12.160 | 106  | 307859   | 47.262  | ug/L  | 98       |
| 55) Styrene                   | 12.178 | 104  | 521743   | 46.965  | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 132201   | 45.716  | ug/L  | 98       |
| 59) Bromoform                 | 12.349 | 173  | 87664    | 48.226  | ug/L  | 96       |
| 60) Isopropylbenzene          | 12.459 | 105  | 854303   | 48.565  | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 91877    | 46.612  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 556628   | 48.263  | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 689891   | 50.161  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 364723   | 44.862  | ug/L  | 92       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 377943   | 46.048  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 345490   | 47.178  | ug/L  | 90       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 20109    | 48.573  | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 281708   | 46.955  | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 229611   | 47.656  | ug/L  | 96       |
| 71) Naphthalene               | 15.360 | 128  | 403822   | 51.246  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 189597   | 47.057  | ug/L  | 95       |

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

