

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011025\  
 Data File : VW031558.D  
 Acq On : 10 Jan 2025 11:54  
 Operator : SY/MD  
 Sample : VSTD10056  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD100456

Quant Time: Jan 11 03:13:54 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jan 11 03:10:14 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114  | 651644   | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 562502   | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 254447   | 25.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65   | 903690   | 88.377  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.899  | 69   | 665915   | 91.190  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65   | 421728   | 92.338  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.100  | 46   | 312747   | 192.209 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.648  | 84   | 1598902  | 94.808  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 768710   | 92.609  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.276  | 84   | 3300829  | 93.420  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67   | 989452   | 94.845  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.318 | 98   | 3034046  | 95.123  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79   | 422428   | 98.606  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 211811   | 196.551 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 596174   | 93.448  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152  | 847972   | 95.017  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.015  | 85   | 856824   | 104.004 | ug/L   | 99       |
| 3) Chloromethane              | 2.228  | 50   | 912312   | 103.852 | ug/L   | 99       |
| 5) Vinyl chloride             | 2.375  | 62   | 1104757  | 98.593  | ug/L   | 100      |
| 6) Bromomethane               | 2.795  | 94   | 642279   | 98.069  | ug/L   | 95       |
| 8) Chloroethane               | 2.936  | 64   | 649215   | 98.566  | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 3.265  | 101  | 1059466  | 95.173  | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101  | 867812   | 101.850 | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 4.039  | 96   | 885969   | 102.174 | ug/L   | 99       |
| 13) Acetone                   | 4.179  | 43   | 232504m  | 191.997 | ug/L   |          |
| 14) Carbon disulfide          | 4.387  | 76   | 2939996  | 100.657 | ug/L   | 99       |
| 15) Methyl Acetate            | 4.691  | 43   | 323526   | 101.545 | ug/L # | 76       |
| 16) Methylene chloride        | 4.917  | 84   | 867403   | 97.738  | ug/L   | 95       |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96   | 939352   | 100.862 | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73   | 1418651  | 94.994  | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.216  | 63   | 1769402  | 100.981 | ug/L   | 100      |
| 20) cis-1,2-Dichloroethene    | 7.167  | 96   | 1015046  | 102.078 | ug/L   | 98       |
| 22) 2-Butanone                | 7.191  | 43   | 386036   | 183.619 | ug/L   | 98       |
| 23) Bromochloromethane        | 7.514  | 128  | 393481   | 101.042 | ug/L   | 97       |
| 25) Chloroform                | 7.673  | 83   | 1661641  | 99.701  | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 1009562  | 98.350  | ug/L   | 99       |
| 29) Cyclohexane               | 7.953  | 56   | 1762194  | 97.743  | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 1433341  | 98.159  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 1285718  | 99.310  | ug/L   | 100      |
| 33) Benzene                   | 8.319  | 78   | 3732844  | 96.963  | ug/L   | 100      |
| 34) Trichloroethene           | 9.087  | 95   | 1019510  | 98.500  | ug/L   | 95       |
| 35) Methylcyclohexane         | 9.331  | 83   | 1824692  | 98.331  | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 9.367  | 63   | 946183   | 97.787  | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.642  | 83   | 1172188  | 100.150 | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75   | 1554589  | 102.132 | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 900321   | 186.411 | ug/L   | 99       |
| 42) Toluene                   | 10.386 | 91   | 3941818  | 97.951  | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 10.599 | 75   | 1234242  | 101.444 | ug/L   | 98       |

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 Sample : VSTD10056  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD100456

Quant Time: Jan 11 03:13:54 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jan 11 03:10:14 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 603930   | 97.374  | ug/L  | 96       |
| 46) Tetrachloroethene         | 10.861 | 164  | 725704   | 97.706  | ug/L  | 96       |
| 48) 2-Hexanone                | 10.965 | 43   | 591527   | 200.420 | ug/L  | 98       |
| 49) Dibromochloromethane      | 11.123 | 129  | 690728   | 101.219 | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 572554   | 99.606  | ug/L  | 100      |
| 51) Chlorobenzene             | 11.654 | 112  | 2473546  | 99.540  | ug/L  | 97       |
| 52) Ethylbenzene              | 11.727 | 91   | 4511395  | 97.703  | ug/L  | 98       |
| 53) m,p-Xylene                | 11.836 | 106  | 1720276  | 97.711  | ug/L  | 94       |
| 54) o-Xylene                  | 12.160 | 106  | 1631557  | 99.717  | ug/L  | 96       |
| 55) Styrene                   | 12.178 | 104  | 2685934  | 98.655  | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 639767   | 93.876  | ug/L  | 97       |
| 59) Bromoform                 | 12.343 | 173  | 360188   | 106.235 | ug/L  | 98       |
| 60) Isopropylbenzene          | 12.458 | 105  | 4407316  | 99.152  | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 474437   | 99.291  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 3651703  | 99.772  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 3569503  | 100.202 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 1716520  | 97.365  | ug/L  | 95       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 1702966  | 97.668  | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 1471004  | 97.706  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 109583   | 102.580 | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 1169783  | 97.913  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 920316   | 96.712  | ug/L  | 99       |
| 71) Naphthalene               | 15.354 | 128  | 1861564  | 104.327 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 773031   | 96.451  | ug/L  | 96       |

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

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Sample : VSTD10056  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 6 Sample Multiplier: 1