

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061025\  
 Data File : VW031713.D  
 Acq On : 10 Jun 2025 09:47  
 Operator : SY/MD  
 Sample : VSTD02572  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025472

Quant Time: Jun 26 07:40:45 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061025SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 25 07:47:11 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.849  | 114  | 368266   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 328604   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 153769   | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.387  | 65   | 108873   | 23.605 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.924  | 69   | 88406    | 23.220 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.045  | 65   | 56284    | 23.238 | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.094  | 46   | 80845    | 44.751 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.660  | 84   | 242875   | 22.752 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.313  | 65   | 139102   | 22.207 | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.276  | 84   | 454878   | 22.891 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67   | 135129   | 22.931 | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.325 | 98   | 419739   | 22.891 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79   | 65708    | 23.012 | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 63530    | 45.842 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 133419   | 22.689 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152  | 135285   | 22.946 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.040  | 85   | 92309    | 21.259 | ug/L   | 100      |
| 3) Chloromethane              | 2.247  | 50   | 93951    | 21.613 | ug/L   | 100      |
| 5) Vinyl chloride             | 2.399  | 62   | 117167   | 22.592 | ug/L   | 100      |
| 6) Bromomethane               | 2.820  | 94   | 79618    | 21.594 | ug/L   | 100      |
| 8) Chloroethane               | 2.966  | 64   | 74489    | 22.423 | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 3.302  | 101  | 99993    | 21.738 | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.088  | 101  | 111717   | 22.670 | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 4.064  | 96   | 111761   | 22.703 | ug/L   | 100      |
| 13) Acetone                   | 4.149  | 43   | 76620    | 49.162 | ug/L   | 100      |
| 14) Carbon disulfide          | 4.405  | 76   | 315690   | 23.191 | ug/L   | 100      |
| 15) Methyl Acetate            | 4.698  | 43   | 69386    | 22.444 | ug/L   | 100      |
| 16) Methylene chloride        | 4.948  | 84   | 117505   | 18.995 | ug/L   | 100      |
| 17) trans-1,2-Dichloroethene  | 5.441  | 96   | 113735   | 22.249 | ug/L   | 100      |
| 18) Methyl tert-butyl Ether   | 5.460  | 73   | 191609   | 22.956 | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 6.234  | 63   | 211867   | 22.317 | ug/L   | 100      |
| 20) cis-1,2-Dichloroethene    | 7.185  | 96   | 128088   | 22.518 | ug/L   | 100      |
| 22) 2-Butanone                | 7.185  | 43   | 82005    | 43.010 | ug/L   | 100      |
| 23) Bromochloromethane        | 7.526  | 128  | 57733    | 22.465 | ug/L   | 100      |
| 25) Chloroform                | 7.685  | 83   | 225927   | 22.213 | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 8.404  | 62   | 161609   | 21.798 | ug/L   | 100      |
| 29) Cyclohexane               | 7.965  | 56   | 203938   | 23.491 | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 7.880  | 97   | 179609   | 23.399 | ug/L   | 100      |
| 31) Carbon tetrachloride      | 8.075  | 117  | 165803   | 23.497 | ug/L   | 100      |
| 33) Benzene                   | 8.331  | 78   | 479084   | 23.225 | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 132336   | 22.781 | ug/L   | 100      |
| 35) Methylcyclohexane         | 9.337  | 83   | 222674   | 23.615 | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 9.374  | 63   | 120529   | 22.807 | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.648  | 83   | 164036   | 23.141 | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 200123   | 23.251 | ug/L   | 100      |

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 ClientSampleId :  
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 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 25 07:47:11 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 199432   | 46.644 | ug/L  | 100      |
| 42) Toluene                   | 10.386 | 91   | 517137   | 23.272 | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 175753   | 23.326 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 101476   | 22.745 | ug/L  | 100      |
| 46) Tetrachloroethene         | 10.861 | 164  | 93051    | 22.623 | ug/L  | 100      |
| 48) 2-Hexanone                | 10.965 | 43   | 133675   | 45.253 | ug/L  | 100      |
| 49) Dibromochloromethane      | 11.129 | 129  | 107178   | 23.189 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 100281   | 22.733 | ug/L  | 100      |
| 51) Chlorobenzene             | 11.654 | 112  | 323498   | 22.773 | ug/L  | 100      |
| 52) Ethylbenzene              | 11.727 | 91   | 590616   | 23.303 | ug/L  | 100      |
| 53) m,p-Xylene                | 11.837 | 106  | 219815   | 23.401 | ug/L  | 100      |
| 54) o-Xylene                  | 12.160 | 106  | 210759   | 23.458 | ug/L  | 100      |
| 55) Styrene                   | 12.178 | 104  | 362502   | 23.680 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 130244   | 22.835 | ug/L  | 100      |
| 59) Bromoform                 | 12.349 | 173  | 67100    | 24.858 | ug/L  | 100      |
| 60) Isopropylbenzene          | 12.458 | 105  | 589983   | 24.640 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 101106   | 23.561 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 473720   | 24.756 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 466794   | 24.580 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 239340   | 23.445 | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 250538   | 23.952 | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 225462   | 23.683 | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 14.482 | 75   | 24707    | 22.648 | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 157922   | 23.539 | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 142875   | 24.305 | ug/L  | 100      |
| 71) Naphthalene               | 15.360 | 128  | 355623   | 23.966 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 126049   | 22.822 | ug/L  | 100      |

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

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