

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092625\  
 Data File : VX047848.D  
 Acq On : 26 Sep 2025 10:54  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Sep 26 23:09:54 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|       | Compound                    | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|-------|-----------------------------|-------|-------|--------|-------|----------|
| 1 I   | Pentafluorobenzene          | 1.000 | 1.000 | 0.0    | 91    | -0.01    |
| 2 T   | Dichlorodifluoromethane     | 0.518 | 0.559 | -7.9   | 102   | 0.00     |
| 3 P   | Chloromethane               | 0.680 | 0.638 | 6.2    | 88    | 0.00     |
| 4 C   | Vinyl Chloride              | 0.666 | 0.672 | -0.9#  | 93    | 0.00     |
| 5 T   | Bromomethane                | 0.422 | 0.433 | -2.6   | 93    | 0.00     |
| 6 T   | Chloroethane                | 0.445 | 0.432 | 2.9    | 89    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 0.989 | 0.980 | 0.9    | 90    | 0.00     |
| 8 T   | Diethyl Ether               | 0.405 | 0.391 | 3.5    | 87    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 0.578 | 0.581 | -0.5   | 91    | 0.00     |
| 10 T  | Methyl Iodide               | 0.902 | 0.767 | 15.0   | 77    | 0.00     |
| 11 T  | Tert butyl alcohol          | 0.089 | 0.085 | 4.5    | 87    | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 0.594 | 0.580 | 2.4#   | 87    | 0.00     |
| 13 T  | Acrolein                    | 0.082 | 0.140 | -70.7# | 156#  | 0.00     |
| 14 T  | Allyl chloride              | 1.226 | 1.125 | 8.2    | 85    | 0.00     |
| 15 T  | Acrylonitrile               | 0.328 | 0.339 | -3.4   | 89    | 0.00     |
| 16 T  | Acetone                     | 0.346 | 0.318 | 8.1    | 91    | 0.00     |
| 17 T  | Carbon Disulfide            | 1.626 | 1.543 | 5.1    | 90    | 0.00     |
| 18 T  | Methyl Acetate              | 0.770 | 0.810 | -5.2   | 84    | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 2.169 | 2.067 | 4.7    | 84    | 0.00     |
| 20 T  | Methylene Chloride          | 0.732 | 0.696 | 4.9    | 87    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 0.640 | 0.624 | 2.5    | 88    | 0.00     |
| 22 T  | Diisopropyl ether           | 2.376 | 2.265 | 4.7    | 83    | 0.00     |
| 23 T  | Vinyl Acetate               | 1.901 | 1.866 | 1.8    | 85    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 1.263 | 1.212 | 4.0    | 85    | 0.00     |
| 25 T  | 2-Butanone                  | 0.432 | 0.429 | 0.7    | 89    | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 1.050 | 0.984 | 6.3    | 84    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 0.783 | 0.760 | 2.9    | 86    | -0.01    |
| 28 T  | Bromochloromethane          | 0.551 | 0.579 | -5.1   | 91    | -0.01    |
| 29 T  | Tetrahydrofuran             | 0.260 | 0.262 | -0.8   | 87    | 0.00     |
| 30 C  | Chloroform                  | 1.276 | 1.244 | 2.5#   | 86    | 0.00     |
| 31 T  | Cyclohexane                 | 1.052 | 0.975 | 7.3    | 86    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 1.082 | 1.050 | 3.0    | 85    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 0.796 | 0.680 | 14.6   | 80    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 1.000 | 1.000 | 0.0    | 90    | 0.00     |
| 35 S  | Dibromofluoromethane        | 0.335 | 0.306 | 8.7    | 83    | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 0.490 | 0.473 | 3.5    | 87    | 0.00     |
| 37 T  | Ethyl Acetate               | 0.525 | 0.504 | 4.0    | 85    | -0.01    |
| 38 T  | Carbon Tetrachloride        | 0.532 | 0.507 | 4.7    | 85    | -0.01    |
| 39 T  | Methylcyclohexane           | 0.556 | 0.542 | 2.5    | 86    | 0.00     |
| 40 TM | Benzene                     | 1.488 | 1.459 | 1.9    | 86    | 0.00     |
| 41 T  | Methacrylonitrile           | 0.271 | 0.274 | -1.1   | 86    | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 0.566 | 0.528 | 6.7    | 82    | 0.00     |
| 43 T  | Isopropyl Acetate           | 0.860 | 0.830 | 3.5    | 83    | 0.00     |
| 44 TM | Trichloroethene             | 0.360 | 0.357 | 0.8    | 87    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 0.381 | 0.372 | 2.4#   | 84    | 0.00     |
| 46 T  | Dibromomethane              | 0.277 | 0.272 | 1.8    | 85    | 0.00     |
| 47 T  | Bromodichloromethane        | 0.572 | 0.561 | 1.9    | 83    | 0.00     |
| 48 T  | Methyl methacrylate         | 0.429 | 0.421 | 1.9    | 84    | 0.00     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|       | Compound                    | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|-------|-----------------------------|-------|-------|--------|-------|----------|
| 49 T  | 1,4-Dioxane                 | 0.004 | 0.006 | -50.0# | 104   | 0.00     |
| 50 S  | Toluene-d8                  | 1.160 | 1.059 | 8.7    | 83    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 0.477 | 0.494 | -3.6   | 87    | 0.00     |
| 52 CM | Toluene                     | 0.917 | 0.897 | 2.2#   | 86    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 0.584 | 0.568 | 2.7    | 83    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 0.624 | 0.609 | 2.4    | 84    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 0.354 | 0.353 | 0.3    | 87    | 0.00     |
| 56 T  | Ethyl methacrylate          | 0.555 | 0.570 | -2.7   | 86    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 0.607 | 0.609 | -0.3   | 86    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 0.227 | 0.280 | -23.3  | 92    | 0.00     |
| 59 T  | 2-Hexanone                  | 0.343 | 0.351 | -2.3   | 88    | 0.00     |
| 60 T  | Dibromochloromethane        | 0.407 | 0.416 | -2.2   | 86    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 0.360 | 0.367 | -1.9   | 87    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 0.440 | 0.401 | 8.9    | 85    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 1.000 | 1.000 | 0.0    | 92    | 0.00     |
| 64 T  | Tetrachloroethene           | 0.326 | 0.315 | 3.4    | 88    | 0.00     |
| 65 PM | Chlorobenzene               | 1.136 | 1.111 | 2.2    | 86    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 0.392 | 0.385 | 1.8    | 85    | 0.00     |
| 67 C  | Ethyl Benzene               | 1.960 | 1.919 | 2.1#   | 86    | 0.00     |
| 68 T  | m/p-Xylenes                 | 0.729 | 0.726 | 0.4    | 87    | 0.00     |
| 69 T  | o-Xylene                    | 0.706 | 0.701 | 0.7    | 86    | 0.00     |
| 70 T  | Styrene                     | 1.236 | 1.212 | 1.9    | 86    | 0.00     |
| 71 P  | Bromoform                   | 0.293 | 0.295 | -0.7   | 86    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0    | 95    | 0.00     |
| 73 T  | Isopropylbenzene            | 3.801 | 3.693 | 2.8    | 87    | 0.00     |
| 74 T  | N-amyl acetate              | 1.733 | 1.661 | 4.2    | 85    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 1.150 | 1.150 | 0.0    | 89    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 1.012 | 0.924 | 8.7    | 78    | 0.00     |
| 77 T  | Bromobenzene                | 0.936 | 0.896 | 4.3    | 86    | 0.00     |
| 78 T  | n-propylbenzene             | 4.494 | 4.364 | 2.9    | 86    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 2.752 | 2.631 | 4.4    | 86    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 3.123 | 3.022 | 3.2    | 86    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 0.397 | 0.367 | 7.6    | 84    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 3.251 | 3.127 | 3.8    | 86    | 0.00     |
| 83 T  | tert-Butylbenzene           | 3.197 | 3.100 | 3.0    | 88    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 3.166 | 3.065 | 3.2    | 87    | 0.00     |
| 85 T  | sec-Butylbenzene            | 3.797 | 3.724 | 1.9    | 88    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 3.215 | 3.155 | 1.9    | 88    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 1.739 | 1.660 | 4.5    | 87    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 1.785 | 1.682 | 5.8    | 87    | 0.00     |
| 89 T  | n-Butylbenzene              | 2.975 | 2.898 | 2.6    | 88    | 0.00     |
| 90 T  | Hexachloroethane            | 0.564 | 0.553 | 2.0    | 88    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 1.657 | 1.608 | 3.0    | 87    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 0.233 | 0.228 | 2.1    | 85    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 1.077 | 1.007 | 6.5    | 83    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 0.366 | 0.358 | 2.2    | 89    | 0.00     |
| 95 T  | Naphthalene                 | 3.279 | 3.268 | 0.3    | 88    | 0.00     |

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Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound               | AvgRF | CCRF  | %Dev | Area% | Dev(min) |
|------|------------------------|-------|-------|------|-------|----------|
| 96 T | 1,2,3-Trichlorobenzene | 1.002 | 0.987 | 1.5  | 86    | 0.00     |

(#) = Out of Range                      SPCC's out = 0    CCC's out = 6