

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080825\  
 Data File : VX047282.D  
 Acq On : 08 Aug 2025 19:00  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Aug 11 02:07:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:59:51 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    | 72    | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 0.664 | 0.727 | -9.5   | 68    | 0.00     |
| 3 P   | Chloromethane               | 0.657 | 0.635 | 3.3    | 66    | 0.00     |
| 4 C   | Vinyl Chloride              | 0.706 | 0.740 | -4.8#  | 68    | 0.00     |
| 5 T   | Bromomethane                | 0.384 | 0.394 | -2.6   | 64    | 0.00     |
| 6 T   | Chloroethane                | 0.464 | 0.437 | 5.8    | 67    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 1.053 | 1.094 | -3.9   | 68    | 0.00     |
| 8 T   | Diethyl Ether               | 0.371 | 0.374 | -0.8   | 69    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 0.634 | 0.652 | -2.8   | 70    | 0.00     |
| 10 T  | Methyl Iodide               | 0.647 | 0.947 | -46.4# | 94    | 0.00     |
| 11 T  | Tert butyl alcohol          | 0.080 | 0.070 | 12.5   | 69    | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 0.628 | 0.640 | -1.9#  | 68    | 0.00     |
| 13 T  | Acrolein                    | 0.134 | 0.188 | -40.3# | 98    | 0.00     |
| 14 T  | Allyl chloride              | 1.136 | 1.109 | 2.4    | 65    | 0.00     |
| 15 T  | Acrylonitrile               | 0.297 | 0.289 | 2.7    | 63    | 0.00     |
| 16 T  | Acetone                     | 0.250 | 0.223 | 10.8   | 64    | 0.00     |
| 17 T  | Carbon Disulfide            | 1.818 | 1.754 | 3.5    | 65    | 0.00     |
| 18 T  | Methyl Acetate              | 0.663 | 0.707 | -6.6   | 74    | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 1.912 | 1.977 | -3.4   | 69    | 0.00     |
| 20 T  | Methylene Chloride          | 0.686 | 0.699 | -1.9   | 70    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 0.643 | 0.656 | -2.0   | 68    | 0.00     |
| 22 T  | Diisopropyl ether           | 2.184 | 2.254 | -3.2   | 69    | 0.00     |
| 23 T  | Vinyl Acetate               | 1.752 | 1.821 | -3.9   | 68    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 1.214 | 1.217 | -0.2   | 68    | 0.00     |
| 25 T  | 2-Butanone                  | 0.363 | 0.315 | 13.2   | 58    | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 0.940 | 0.912 | 3.0    | 67    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 0.761 | 0.769 | -1.1   | 69    | 0.00     |
| 28 T  | Bromochloromethane          | 0.559 | 0.568 | -1.6   | 67    | 0.00     |
| 29 T  | Tetrahydrofuran             | 0.234 | 0.207 | 11.5   | 58    | 0.00     |
| 30 C  | Chloroform                  | 1.236 | 1.236 | 0.0    | 69    | 0.00     |
| 31 T  | Cyclohexane                 | 1.164 | 1.123 | 3.5    | 67    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 1.074 | 1.088 | -1.3   | 70    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 0.623 | 0.570 | 8.5    | 72    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 1.000 | 1.000 | 0.0    | 73    | 0.00     |
| 35 S  | Dibromofluoromethane        | 0.309 | 0.305 | 1.3    | 75    | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 0.526 | 0.521 | 1.0    | 70    | 0.00     |
| 37 T  | Ethyl Acetate               | 0.485 | 0.516 | -6.4   | 74    | 0.00     |
| 38 T  | Carbon Tetrachloride        | 0.562 | 0.562 | 0.0    | 69    | 0.00     |
| 39 T  | Methylcyclohexane           | 0.657 | 0.625 | 4.9    | 65    | 0.00     |
| 40 TM | Benzene                     | 1.523 | 1.535 | -0.8   | 68    | 0.00     |
| 41 T  | Methacrylonitrile           | 0.254 | 0.223 | 12.2   | 56    | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 0.536 | 0.535 | 0.2    | 68    | 0.00     |
| 43 T  | Isopropyl Acetate           | 0.756 | 0.786 | -4.0   | 67    | 0.00     |
| 44 TM | Trichloroethene             | 0.391 | 0.395 | -1.0   | 69    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 0.381 | 0.379 | 0.5#   | 68    | 0.00     |
| 46 T  | Dibromomethane              | 0.267 | 0.275 | -3.0   | 68    | 0.00     |
| 47 T  | Bromodichloromethane        | 0.569 | 0.572 | -0.5   | 68    | 0.00     |
| 48 T  | Methyl methacrylate         | 0.412 | 0.397 | 3.6    | 66    | 0.00     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Aug 11 02:07:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:59:51 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) |
|-------|-----------------------------|-------|-------|-------|-------|----------|
| 49 T  | 1,4-Dioxane                 | 0.005 | 0.004 | 20.0  | 58    | 0.01     |
| 50 S  | Toluene-d8                  | 1.000 | 0.872 | 12.8  | 69    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 0.449 | 0.444 | 1.1   | 65    | 0.00     |
| 52 CM | Toluene                     | 0.936 | 0.950 | -1.5# | 68    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 0.538 | 0.535 | 0.6   | 66    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 0.588 | 0.585 | 0.5   | 65    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 0.351 | 0.350 | 0.3   | 68    | 0.00     |
| 56 T  | Ethyl methacrylate          | 0.520 | 0.556 | -6.9  | 68    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 0.610 | 0.604 | 1.0   | 67    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 0.289 | 0.289 | 0.0   | 65    | 0.00     |
| 59 T  | 2-Hexanone                  | 0.297 | 0.307 | -3.4  | 65    | 0.00     |
| 60 T  | Dibromochloromethane        | 0.412 | 0.418 | -1.5  | 69    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 0.367 | 0.361 | 1.6   | 67    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 0.431 | 0.415 | 3.7   | 74    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 1.000 | 1.000 | 0.0   | 70    | 0.00     |
| 64 T  | Tetrachloroethene           | 0.360 | 0.365 | -1.4  | 68    | 0.00     |
| 65 PM | Chlorobenzene               | 1.171 | 1.198 | -2.3  | 69    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 0.394 | 0.412 | -4.6  | 69    | 0.00     |
| 67 C  | Ethyl Benzene               | 2.048 | 2.128 | -3.9# | 68    | 0.00     |
| 68 T  | m/p-Xylenes                 | 0.766 | 0.797 | -4.0  | 69    | 0.00     |
| 69 T  | o-Xylene                    | 0.729 | 0.760 | -4.3  | 68    | 0.00     |
| 70 T  | Styrene                     | 1.250 | 1.322 | -5.8  | 68    | 0.00     |
| 71 P  | Bromoform                   | 0.300 | 0.307 | -2.3  | 67    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0   | 73    | 0.00     |
| 73 T  | Isopropylbenzene            | 3.945 | 3.990 | -1.1  | 68    | 0.00     |
| 74 T  | N-amyl acetate              | 1.592 | 1.678 | -5.4  | 69    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 1.127 | 1.106 | 1.9   | 67    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 0.925 | 0.883 | 4.5   | 65    | 0.00     |
| 77 T  | Bromobenzene                | 0.946 | 0.952 | -0.6  | 69    | 0.00     |
| 78 T  | n-propylbenzene             | 4.714 | 4.749 | -0.7  | 68    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 2.818 | 2.790 | 1.0   | 67    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 3.259 | 3.266 | -0.2  | 68    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 0.359 | 0.223 | 37.9# | 42#   | 0.00     |
| 82 T  | 4-Chlorotoluene             | 3.289 | 3.296 | -0.2  | 68    | 0.00     |
| 83 T  | tert-Butylbenzene           | 3.271 | 3.247 | 0.7   | 66    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 3.251 | 3.267 | -0.5  | 67    | 0.00     |
| 85 T  | sec-Butylbenzene            | 4.087 | 4.015 | 1.8   | 67    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 3.389 | 3.299 | 2.7   | 65    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 1.798 | 1.796 | 0.1   | 69    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 1.821 | 1.780 | 2.3   | 69    | 0.00     |
| 89 T  | n-Butylbenzene              | 3.178 | 3.044 | 4.2   | 64    | 0.00     |
| 90 T  | Hexachloroethane            | 0.606 | 0.584 | 3.6   | 65    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 1.718 | 1.695 | 1.3   | 68    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 0.216 | 0.215 | 0.5   | 66    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 1.135 | 1.095 | 3.5   | 65    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 0.386 | 0.341 | 11.7  | 62    | 0.00     |
| 95 T  | Naphthalene                 | 3.328 | 3.256 | 2.2   | 64    | 0.00     |

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LabSampleId :  
VSTDCCC050

Quant Time: Aug 11 02:07:16 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 22 03:59:51 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 | 1.094 | 1.035 | 5.4  | 65    | 0.00     |

(#) = Out of Range                      SPCC's out = 0    CCC's out = 5