

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102925\  
 Data File : VX048414.D  
 Acq On : 29 Oct 2025 14:27  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX102925

Quant Time: Oct 30 02:39:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102925W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 30 02:37:17 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   | 106   | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 0.510 | 0.520 | -2.0  | 102   | 0.00     |
| 3 P   | Chloromethane               | 0.288 | 0.296 | -2.8  | 115   | 0.00     |
| 4 C   | Vinyl Chloride              | 0.665 | 0.672 | -1.1# | 107   | 0.00     |
| 5 T   | Bromomethane                | 0.240 | 0.253 | -5.4  | 111   | 0.00     |
| 6 T   | Chloroethane                | 0.395 | 0.388 | 1.8   | 105   | 0.00     |
| 7 T   | Trichlorofluoromethane      | 1.019 | 1.022 | -0.3  | 105   | 0.00     |
| 8 T   | Diethyl Ether               | 0.368 | 0.363 | 1.4   | 110   | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 0.573 | 0.572 | 0.2   | 103   | 0.00     |
| 10 T  | Methyl Iodide               | 2.304 | 2.256 | 2.1   | 109   | 0.00     |
| 11 T  | Tert butyl alcohol          | 0.055 | 0.050 | 9.1   | 100   | -0.01    |
| 12 CM | 1,1-Dichloroethene          | 0.582 | 0.580 | 0.3#  | 106   | 0.00     |
| 13 T  | Acrolein                    | 0.115 | 0.104 | 9.6   | 99    | 0.00     |
| 14 T  | Allyl chloride              | 0.986 | 0.958 | 2.8   | 108   | 0.00     |
| 15 T  | Acrylonitrile               | 0.251 | 0.241 | 4.0   | 103   | 0.00     |
| 16 T  | Acetone                     | 0.163 | 0.152 | 6.7   | 101   | 0.00     |
| 17 T  | Carbon Disulfide            | 1.669 | 1.686 | -1.0  | 107   | 0.00     |
| 18 T  | Methyl Acetate              | 0.545 | 0.485 | 11.0  | 104   | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 1.864 | 1.805 | 3.2   | 108   | 0.00     |
| 20 T  | Methylene Chloride          | 0.628 | 0.618 | 1.6   | 109   | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 0.618 | 0.610 | 1.3   | 106   | 0.00     |
| 22 T  | Diisopropyl ether           | 2.017 | 2.031 | -0.7  | 109   | 0.00     |
| 23 T  | Vinyl Acetate               | 1.373 | 1.360 | 0.9   | 108   | -0.01    |
| 24 P  | 1,1-Dichloroethane          | 1.145 | 1.129 | 1.4   | 108   | 0.00     |
| 25 T  | 2-Butanone                  | 0.260 | 0.243 | 6.5   | 100   | -0.01    |
| 26 T  | 2,2-Dichloropropane         | 0.986 | 0.954 | 3.2   | 106   | -0.01    |
| 27 T  | cis-1,2-Dichloroethene      | 0.738 | 0.730 | 1.1   | 109   | 0.00     |
| 28 T  | Bromochloromethane          | 0.519 | 0.519 | 0.0   | 107   | -0.02    |
| 29 T  | Tetrahydrofuran             | 0.185 | 0.166 | 10.3  | 97    | -0.02    |
| 30 C  | Chloroform                  | 1.178 | 1.133 | 3.8#  | 106   | -0.01    |
| 31 T  | Cyclohexane                 | 0.994 | 0.975 | 1.9   | 102   | -0.01    |
| 32 T  | 1,1,1-Trichloroethane       | 1.040 | 1.023 | 1.6   | 105   | -0.01    |
| 33 S  | 1,2-Dichloroethane-d4       | 0.719 | 0.669 | 7.0   | 105   | -0.01    |
| 34 I  | 1,4-Difluorobenzene         | 1.000 | 1.000 | 0.0   | 109   | 0.00     |
| 35 S  | Dibromofluoromethane        | 0.285 | 0.266 | 6.7   | 105   | -0.01    |
| 36 T  | 1,1-Dichloropropene         | 0.479 | 0.474 | 1.0   | 106   | -0.01    |
| 37 T  | Ethyl Acetate               | 0.408 | 0.382 | 6.4   | 101   | -0.01    |
| 38 T  | Carbon Tetrachloride        | 0.553 | 0.530 | 4.2   | 103   | -0.01    |
| 39 T  | Methylcyclohexane           | 0.616 | 0.597 | 3.1   | 98    | 0.00     |
| 40 TM | Benzene                     | 1.462 | 1.429 | 2.3   | 106   | -0.01    |
| 41 T  | Methacrylonitrile           | 0.205 | 0.196 | 4.4   | 99    | -0.02    |
| 42 TM | 1,2-Dichloroethane          | 0.515 | 0.495 | 3.9   | 108   | -0.01    |
| 43 T  | Isopropyl Acetate           | 0.673 | 0.630 | 6.4   | 102   | -0.01    |
| 44 TM | Trichloroethene             | 0.383 | 0.373 | 2.6   | 106   | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 0.365 | 0.349 | 4.4#  | 105   | 0.00     |
| 46 T  | Dibromomethane              | 0.256 | 0.246 | 3.9   | 106   | 0.00     |
| 47 T  | Bromodichloromethane        | 0.543 | 0.531 | 2.2   | 108   | 0.00     |
| 48 T  | Methyl methacrylate         | 0.328 | 0.318 | 3.0   | 104   | 0.00     |

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 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICSVX102925

Quant Time: Oct 30 02:39:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102925W.M  
 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 | 0.004 | 0.0   | 101   | 0.00     |
| 50 S  | Toluene-d8                  | 1.258 | 1.171 | 6.9   | 104   | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 0.375 | 0.342 | 8.8   | 99    | 0.00     |
| 52 CM | Toluene                     | 0.914 | 0.891 | 2.5#  | 104   | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 0.492 | 0.491 | 0.2   | 108   | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 0.531 | 0.522 | 1.7   | 109   | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 0.331 | 0.314 | 5.1   | 105   | 0.00     |
| 56 T  | Ethyl methacrylate          | 0.484 | 0.471 | 2.7   | 104   | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 0.573 | 0.545 | 4.9   | 104   | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 0.251 | 0.254 | -1.2  | 98    | 0.00     |
| 59 T  | 2-Hexanone                  | 0.244 | 0.228 | 6.6   | 99    | 0.00     |
| 60 T  | Dibromochloromethane        | 0.409 | 0.394 | 3.7   | 105   | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 0.342 | 0.322 | 5.8   | 103   | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 0.471 | 0.427 | 9.3   | 104   | 0.00     |
| 63 I  | Chlorobenzene-d5            | 1.000 | 1.000 | 0.0   | 109   | 0.00     |
| 64 T  | Tetrachloroethene           | 0.403 | 0.384 | 4.7   | 104   | 0.00     |
| 65 PM | Chlorobenzene               | 1.152 | 1.119 | 2.9   | 106   | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 0.392 | 0.393 | -0.3  | 108   | 0.00     |
| 67 C  | Ethyl Benzene               | 1.940 | 1.952 | -0.6# | 106   | 0.00     |
| 68 T  | m/p-Xylenes                 | 0.734 | 0.736 | -0.3  | 103   | 0.00     |
| 69 T  | o-Xylene                    | 0.702 | 0.707 | -0.7  | 105   | 0.00     |
| 70 T  | Styrene                     | 1.189 | 1.202 | -1.1  | 106   | 0.00     |
| 71 P  | Bromoform                   | 0.283 | 0.267 | 5.7   | 103   | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0   | 107   | 0.00     |
| 73 T  | Isopropylbenzene            | 3.698 | 3.750 | -1.4  | 104   | 0.00     |
| 74 T  | N-amyl acetate              | 1.319 | 1.311 | 0.6   | 102   | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 0.937 | 0.875 | 6.6   | 101   | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 0.719 | 0.726 | -1.0  | 104   | 0.00     |
| 77 T  | Bromobenzene                | 0.914 | 0.892 | 2.4   | 104   | 0.00     |
| 78 T  | n-propylbenzene             | 4.371 | 4.407 | -0.8  | 102   | 0.00     |
| 79 T  | 2-Chlorotoluene             | 2.624 | 2.588 | 1.4   | 104   | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 3.032 | 3.065 | -1.1  | 102   | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 0.208 | 0.207 | 0.5   | 106   | 0.00     |
| 82 T  | 4-Chlorotoluene             | 3.085 | 3.055 | 1.0   | 104   | 0.00     |
| 83 T  | tert-Butylbenzene           | 3.086 | 3.056 | 1.0   | 101   | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 3.002 | 3.120 | -3.9  | 106   | 0.00     |
| 85 T  | sec-Butylbenzene            | 3.846 | 3.856 | -0.3  | 102   | 0.00     |
| 86 T  | p-Isopropyltoluene          | 3.251 | 3.313 | -1.9  | 103   | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 1.745 | 1.665 | 4.6   | 105   | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 1.777 | 1.657 | 6.8   | 103   | 0.00     |
| 89 T  | n-Butylbenzene              | 3.052 | 3.000 | 1.7   | 101   | 0.00     |
| 90 T  | Hexachloroethane            | 0.571 | 0.575 | -0.7  | 103   | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 1.617 | 1.557 | 3.7   | 105   | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 0.183 | 0.171 | 6.6   | 97    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 1.116 | 1.086 | 2.7   | 104   | 0.00     |
| 94 T  | Hexachlorobutadiene         | 0.468 | 0.454 | 3.0   | 101   | 0.00     |
| 95 T  | Naphthalene                 | 2.818 | 2.746 | 2.6   | 100   | 0.00     |

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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX102925

Quant Time: Oct 30 02:39:06 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102925W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 30 02:37:17 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 | 1.013 | 0.982 | 3.1  | 101   | 0.00     |

(#) = Out of Range

SPCC's out = 0 CCC's out = 6