

Method Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\  
 Method File : SFAMWLM040122SMA.M  
 Title : SFAM01.0  
 Last Update : Fri Apr 01 13:46:38 2022  
 Response Via : Initial Calibration

## Calibration Files

2.5 =VW0223560.D 5 =VW0223561.D 25 =VW0223562.D 50 =VW0223563.D 100 =VW0223564.D

| Compound |                     | 2.5            | 5     | 25    | 50    | 100   | Avg   | %RSD  |
|----------|---------------------|----------------|-------|-------|-------|-------|-------|-------|
| -----    |                     |                |       |       |       |       |       |       |
| 1) I     | 1,4-Difluorobenzene | -----ISTD----- |       |       |       |       |       |       |
| 2) T     | Dichlorodifluoro... | 0.107          | 0.101 | 0.116 | 0.149 | 0.185 | 0.132 | 26.65 |
| 3) T     | Chloromethane       | 0.304          | 0.271 | 0.282 | 0.305 | 0.357 | 0.304 | 10.85 |
| 4) S     | Vinyl Chloride-d3   | 0.425          | 0.490 | 0.403 | 0.361 | 0.369 | 0.410 | 12.67 |
| 5) T     | Vinyl chloride      | 0.515          | 0.497 | 0.505 | 0.475 | 0.491 | 0.497 | 3.03  |
| 6) T     | Bromomethane        | 0.240          | 0.238 | 0.251 | 0.261 | 0.289 | 0.256 | 8.11  |
| 7) S     | Chloroethane-d5     | 0.236          | 0.243 | 0.256 | 0.239 | 0.249 | 0.245 | 3.17  |
| 8) T     | Chloroethane        | 0.183          | 0.187 | 0.215 | 0.215 | 0.234 | 0.207 | 10.38 |
| 9) T     | Trichlorofluorom... | 0.178          | 0.140 | 0.139 | 0.134 | 0.144 | 0.147 | 12.13 |
| 10) T    | 1,1,2-Trichloro-... | 0.362          | 0.314 | 0.329 | 0.331 | 0.345 | 0.336 | 5.35  |
| 11) S    | 1,1-Dichloroethe... | 0.654          | 0.651 | 0.601 | 0.563 | 0.571 | 0.608 | 7.08  |
| 12) T    | 1,1-Dichloroethene  | 0.337          | 0.293 | 0.310 | 0.312 | 0.323 | 0.315 | 5.16  |
| 13) T    | Acetone             | 0.093          | 0.059 | 0.061 | 0.069 | 0.061 | 0.069 | 20.71 |
| 14) T    | Carbon disulfide    | 1.011          | 0.934 | 0.998 | 1.000 | 1.024 | 0.994 | 3.50  |
| 15) T    | Methyl Acetate      | 0.200          | 0.157 | 0.173 | 0.193 | 0.171 | 0.179 | 9.58  |
| 16) T    | Methylene chloride  | 0.484          | 0.385 | 0.338 | 0.334 | 0.331 | 0.374 | 17.44 |
| 17) T    | trans-1,2-Dichlo... | 0.400          | 0.366 | 0.368 | 0.365 | 0.367 | 0.373 | 4.03  |
| 18) T    | Methyl tert-buty... | 0.734          | 0.626 | 0.629 | 0.646 | 0.615 | 0.650 | 7.41  |
| 19) T    | 1,1-Dichloroethane  | 0.737          | 0.658 | 0.683 | 0.675 | 0.672 | 0.685 | 4.47  |
| 20) T    | cis-1,2-Dichloro... | 0.415          | 0.387 | 0.393 | 0.395 | 0.396 | 0.397 | 2.71  |
| 21) S    | 2-Butanone-d5       | 0.109          | 0.100 | 0.094 | 0.103 | 0.094 | 0.100 | 6.32  |
| 22) T    | 2-Butanone          | 0.107          | 0.100 | 0.106 | 0.121 | 0.106 | 0.108 | 7.03  |
| 23) T    | Bromochloromethane  | 0.185          | 0.167 | 0.169 | 0.176 | 0.174 | 0.174 | 4.06  |
| 24) S    | Chloroform-d        | 0.695          | 0.748 | 0.712 | 0.664 | 0.666 | 0.697 | 5.03  |
| 25) T    | Chloroform          | 0.721          | 0.684 | 0.693 | 0.697 | 0.701 | 0.699 | 1.95  |
| 26) S    | 1,2-Dichloroetha... | 0.388          | 0.442 | 0.434 | 0.409 | 0.388 | 0.412 | 6.09  |
| 27) T    | 1,2-Dichloroethane  | 0.531          | 0.490 | 0.546 | 0.543 | 0.515 | 0.525 | 4.34  |
|          |                     |                |       |       |       |       |       |       |
| 28) I    | Chlorobenzene-d5    | -----ISTD----- |       |       |       |       |       |       |
| 29) T    | Cyclohexane         | 0.729          | 0.647 | 0.676 | 0.668 | 0.682 | 0.681 | 4.45  |
| 30) T    | 1,1,1-Trichloroe... | 0.657          | 0.601 | 0.601 | 0.607 | 0.615 | 0.616 | 3.84  |
| 31) T    | Carbon tetrachlo... | 0.577          | 0.542 | 0.546 | 0.543 | 0.568 | 0.555 | 2.94  |
| 32) S    | Benzene-d6          | 1.368          | 1.443 | 1.413 | 1.333 | 1.307 | 1.373 | 4.05  |
| 33) T    | Benzene             | 1.711          | 1.511 | 1.620 | 1.590 | 1.592 | 1.605 | 4.49  |
| 34) T    | Trichloroethene     | 0.434          | 0.403 | 0.414 | 0.409 | 0.424 | 0.417 | 2.91  |
| 35) T    | Methylcyclohexane   | 0.759          | 0.715 | 0.739 | 0.720 | 0.736 | 0.734 | 2.36  |
| 36) S    | 1,2-Dichloroprop... | 0.409          | 0.439 | 0.414 | 0.399 | 0.399 | 0.412 | 4.03  |
| 37) T    | 1,2-Dichloropropane | 0.403          | 0.390 | 0.397 | 0.401 | 0.397 | 0.398 | 1.24  |
| 38) T    | Bromodichloromet... | 0.557          | 0.519 | 0.556 | 0.565 | 0.576 | 0.555 | 3.82  |
| 39) T    | cis-1,3-Dichloro... | 0.655          | 0.603 | 0.650 | 0.671 | 0.673 | 0.650 | 4.35  |
| 40) T    | 4-Methyl-2-penta... | 0.283          | 0.264 | 0.271 | 0.302 | 0.279 | 0.280 | 5.23  |
| 41) S    | Toluene-d8          | 1.237          | 1.334 | 1.386 | 1.279 | 1.295 | 1.306 | 4.33  |
| 42) T    | Toluene             | 1.791          | 1.674 | 1.838 | 1.812 | 1.809 | 1.785 | 3.59  |
| 43) S    | trans-1,3-Dichlo... | 0.192          | 0.208 | 0.212 | 0.213 | 0.212 | 0.207 | 4.19  |
| 44) T    | trans-1,3-Dichlo... | 0.600          | 0.541 | 0.607 | 0.634 | 0.630 | 0.602 | 6.17  |
| 45) T    | 1,1,2-Trichloroe... | 0.300          | 0.280 | 0.288 | 0.311 | 0.309 | 0.297 | 4.56  |
| 46) T    | Tetrachloroethene   | 0.317          | 0.281 | 0.303 | 0.295 | 0.298 | 0.299 | 4.34  |
| 47) S    | 2-Hexanone-d5       | 0.081          | 0.085 | 0.084 | 0.090 | 0.083 | 0.084 | 3.93  |
| 48) T    | 2-Hexanone          | 0.197          | 0.193 | 0.189 | 0.212 | 0.196 | 0.197 | 4.42  |
| 49) T    | Dibromochloromet... | 0.357          | 0.339 | 0.371 | 0.385 | 0.389 | 0.368 | 5.59  |
| 50) T    | 1,2-Dibromoethane   | 0.305          | 0.275 | 0.296 | 0.322 | 0.312 | 0.302 | 5.89  |
| 51) T    | Chlorobenzene       | 1.135          | 1.068 | 1.108 | 1.087 | 1.120 | 1.104 | 2.42  |
| 52) T    | Ethylbenzene        | 1.935          | 1.868 | 2.044 | 2.007 | 2.044 | 1.980 | 3.87  |
| 53) T    | m,p-Xylene          | 0.735          | 0.705 | 0.779 | 0.771 | 0.789 | 0.756 | 4.63  |
| 54) T    | o-Xylene            | 0.741          | 0.688 | 0.734 | 0.739 | 0.758 | 0.732 | 3.57  |
| 55) T    | Styrene             | 1.242          | 1.203 | 1.294 | 1.298 | 1.320 | 1.271 | 3.76  |
| 56) S    | 1,1,2,2-Tetrachl... | 0.317          | 0.355 | 0.353 | 0.370 | 0.343 | 0.348 | 5.64  |

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|     |   |                       |                |       |       |       |       |       |       |
|-----|---|-----------------------|----------------|-------|-------|-------|-------|-------|-------|
| 57) | T | 1,1,2,2-Tetrachl...   | 0.377          | 0.351 | 0.375 | 0.419 | 0.383 | 0.381 | 6.43  |
| 58) | I | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |
| 59) | T | Bromoform             | 0.330          | 0.334 | 0.370 | 0.417 | 0.410 | 0.373 | 10.94 |
| 60) |   | Isopropylbenzene      | 3.811          | 3.497 | 3.880 | 3.742 | 3.846 | 3.755 | 4.08  |
| 61) |   | 1,2,3-Trichlorop...   | 0.576          | 0.514 | 0.526 | 0.577 | 0.523 | 0.543 | 5.67  |
| 62) |   | 1,3,5-Trimethylb...   | 2.068          | 1.972 | 2.140 | 2.127 | 2.161 | 2.094 | 3.66  |
| 63) |   | 1,2,4-Trimethylb...   | 3.120          | 2.916 | 3.268 | 3.183 | 3.225 | 3.142 | 4.38  |
| 64) | T | 1,3-Dichlorobenzene   | 1.478          | 1.388 | 1.490 | 1.525 | 1.561 | 1.488 | 4.35  |
| 65) | T | 1,4-Dichlorobenzene   | 1.642          | 1.542 | 1.553 | 1.547 | 1.525 | 1.562 | 2.95  |
| 66) | S | 1,2-Dichlorobenz...   | 0.805          | 0.856 | 0.838 | 0.759 | 0.778 | 0.807 | 5.05  |
| 67) | T | 1,2-Dichlorobenzene   | 1.386          | 1.342 | 1.398 | 1.366 | 1.354 | 1.369 | 1.66  |
| 68) | T | 1,2-Dibromo-3-ch...   | 0.158          | 0.139 | 0.127 | 0.144 | 0.132 | 0.140 | 8.49  |
| 69) |   | 1,3,5-Trichlorob...   | 1.077          | 0.989 | 1.006 | 0.941 | 1.027 | 1.008 | 4.96  |
| 70) | T | 1,2,4-trichlorob...   | 0.842          | 0.769 | 0.879 | 0.814 | 0.827 | 0.826 | 4.87  |
| 71) |   | Naphthalene           | 1.884          | 1.763 | 1.882 | 2.035 | 2.016 | 1.916 | 5.82  |
| 72) | T | 1,2,3-Trichlorob...   | 0.718          | 0.677 | 0.738 | 0.730 | 0.756 | 0.724 | 4.11  |

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(#) = Out of Range