

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X120325W.M
 Title : SW846 8260
 Last Update : Thu Dec 04 02:13:49 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX048694.D 5 =VX048695.D 20 =VX048696.D 50 =VX048697.D 100 =VX048698.D 150 =VX048699.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.548	0.463	0.585	0.590	0.631	0.641	0.576	11.28
3) P	Chloromethane	0.565	0.535	0.569	0.547	0.582	0.573	0.562	3.11
4) C	Vinyl Chloride	0.612	0.537	0.602	0.693	0.627	0.622	0.615	8.12#
5) T	Bromomethane	0.412	0.413	0.454	0.412	0.353	0.409		8.81
6) T	Chloroethane	0.367	0.331	0.353	0.416	0.361	0.359	0.364	7.71
7) T	Trichlorofluor...	0.900	0.805	0.825	1.025	0.915	0.895	0.894	8.70
8) T	Diethyl Ether	0.314	0.306	0.276	0.375	0.332	0.308	0.318	10.44
9) T	1,1,2-Trichlor...	0.564	0.479	0.489	0.583	0.517	0.566	0.533	8.21
10) T	Methyl Iodide	0.621	0.769	0.850	0.761	0.838	0.768		11.89
11) T	Tert butyl alc...	0.096	0.102	0.104	0.105	0.103	0.102		3.70
12) CM	1,1-Dichloroet...	0.541	0.479	0.486	0.591	0.520	0.563	0.530	8.29#
13) T	Acrolein	0.038	0.041	0.058	0.061	0.078	0.055		29.83
14) T	Allyl chloride	1.129	0.844	0.997	1.062	1.008	0.975	1.003	9.49
15) T	Acrylonitrile	0.263	0.295	0.357	0.359	0.343	0.329	0.325	11.78
16) T	Acetone	0.257	0.208	0.206	0.220	0.210	0.222	0.221	8.56
17) T	Carbon Disulfide	1.711	1.444	1.604	1.763	1.514	1.647	1.614	7.41
18) T	Methyl Acetate	0.792	0.621	0.755	0.786	0.722	0.709	0.731	8.64
19) T	Methyl tert-bu...	1.561	1.586	1.928	1.949	1.938	1.871	1.805	10.07
20) T	Methylene Chlo...	0.695	0.528	0.636	0.636	0.612	0.588	0.616	9.06
21) T	trans-1,2-Dich...	0.429	0.493	0.576	0.607	0.594	0.582	0.547	12.80
22) T	Diisopropyl ether	1.795	1.202	1.991	1.990	1.930	1.865	1.796	16.73
23) T	Vinyl Acetate	1.428	1.013	1.752	1.760	1.736	1.677	1.561	18.96
24) P	1,1-Dichloroet...	1.099	0.775	1.071	1.097	1.059	1.034	1.022	12.07
25) T	2-Butanone	0.375	0.351	0.399	0.400	0.390	0.391	0.384	4.89
26) T	2,2-Dichloropr...	1.084	0.885	0.897	0.945	0.927	0.921	0.943	7.67
27) T	cis-1,2-Dichlo...	0.744	0.629	0.679	0.688	0.695	0.678	0.686	5.38
28) T	Bromochloromet...	0.479	0.491	0.506	0.492	0.491	0.488	0.491	1.79
29) T	Tetrahydrofuran	0.296	0.272	0.306	0.293	0.301	0.287	0.293	4.16
30) C	Chloroform	1.097	1.052	1.119	1.091	1.087	1.054	1.083	2.40#
31) T	Cyclohexane	0.755	0.848	0.951	0.896	0.905	0.871		8.56
32) T	1,1,1-Trichlor...	1.046	0.908	0.934	0.989	0.992	0.974	0.974	4.95
33) S	1,2-Dichloroet...	0.739	0.714	0.585	0.679	0.658	0.675		8.75
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.344	0.338	0.353	0.339	0.330	0.341		2.56
36) T	1,1-Dichloropr...	0.509	0.439	0.427	0.488	0.452	0.448	0.460	6.80
37) T	Ethyl Acetate	0.501	0.546	0.615	0.660	0.609	0.577	0.585	9.60
38) T	Carbon Tetrach...	0.588	0.504	0.490	0.553	0.520	0.520	0.529	6.73
39) T	Methylcyclohexane	0.574	0.457	0.477	0.577	0.571	0.560	0.536	10.07
40) TM	Benzene	1.467	1.240	1.383	1.310	1.386	1.335	1.353	5.73
41) T	Methacrylonitrile	0.259	0.233	0.272	0.287	0.276	0.261	0.265	7.11
42) TM	1,2-Dichloroet...	0.556	0.459	0.503	0.440	0.493	0.466	0.486	8.42
43) T	Isopropyl Acetate	0.796	0.792	0.878	0.740	0.873	0.848	0.821	6.62
44) TM	Trichloroethene	0.384	0.341	0.330	0.366	0.363	0.354	0.356	5.34
45) C	1,2-Dichloropr...	0.370	0.302	0.339	0.318	0.343	0.313	0.331	7.47#
46) T	Dibromomethane	0.257	0.254	0.258	0.250	0.265	0.244	0.255	2.77
47) T	Bromodichlorom...	0.561	0.507	0.524	0.503	0.534	0.501	0.522	4.49
48) T	Methyl methacr...	0.392	0.351	0.414	0.374	0.435	0.389	0.392	7.51
49) T	1,4-Dioxane	0.004	0.005	0.005	0.005	0.005	0.005	0.005	8.33
50) S	Toluene-d8	1.153	1.167	1.191	1.184	1.148	1.169		1.60
51) T	4-Methyl-2-Pen...	0.518	0.498	0.558	0.477	0.542	0.512	0.517	5.67
52) CM	Toluene	0.807	0.812	0.823	0.850	0.855	0.836	0.831	2.37#
53) T	t-1,3-Dichloro...	0.493	0.488	0.528	0.521	0.554	0.532	0.519	4.78
54) T	cis-1,3-Dichlo...	0.529	0.515	0.559	0.549	0.589	0.563	0.551	4.75
55) T	1,1,2-Trichlor...	0.332	0.322	0.335	0.331	0.337	0.319	0.329	2.13
56) T	Ethyl methacry...	0.470	0.473	0.554	0.541	0.573	0.556	0.528	8.48

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57)	T	1,3-Dichloropr...	0.573	0.547	0.566	0.537	0.564	0.537	0.554	2.80
58)	T	2-Chloroethyl ...	0.198	0.235	0.278	0.296	0.315	0.302	0.271	16.61
59)	T	2-Hexanone	0.358	0.352	0.397	0.347	0.394	0.380	0.371	5.88
60)	T	Dibromochlorom...	0.424	0.391	0.405	0.422	0.424	0.398	0.411	3.61
61)	T	1,2-Dibromoethane	0.387	0.354	0.360	0.365	0.367	0.351	0.364	3.49
62)	S	4-Bromofluorob...	0.441	0.415	0.445	0.427	0.417	0.429	3.21	
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.397	0.311	0.315	0.348	0.342	0.347	0.343	9.02
65)	PM	Chlorobenzene	1.109	0.992	1.039	1.052	1.090	1.073	1.059	3.92
66)	T	1,1,1,2-Tetrac...	0.385	0.341	0.367	0.376	0.364	0.378	0.369	4.21
67)	C	Ethyl Benzene	1.745	1.603	1.744	1.782	1.716	1.851	1.740	4.69#
68)	T	m/p-Xylenes	0.673	0.599	0.667	0.694	0.670	0.718	0.670	5.94
69)	T	o-Xylene	0.614	0.580	0.642	0.676	0.676	0.688	0.646	6.56
70)	T	Styrene	0.952	0.969	1.091	1.151	1.171	1.178	1.085	9.37
71)	P	Bromoform	0.345	0.302	0.313	0.345	0.351	0.358	0.336	6.69
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.220	2.933	3.254	3.382	3.519	3.743	3.342	8.28
74)	T	N-amyl acetate	1.335	1.310	1.610	1.400	1.597	1.800	1.509	12.72
75)	P	1,1,2,2-Tetrac...	1.219	1.068	1.136	1.050	1.161	1.230	1.144	6.53
76)	T	1,2,3-Trichlor...	1.005	0.930	0.877	0.998	1.086	1.131	1.005	9.39
77)	T	Bromobenzene	0.993	0.838	0.837	0.876	0.902	0.957	0.901	7.08
78)	T	n-propylbenzene	3.762	3.433	3.839	3.934	4.119	4.393	3.913	8.33
79)	T	2-Chlorotoluene	2.458	2.141	2.321	2.330	2.441	2.579	2.378	6.30
80)	T	1,3,5-Trimethy...	2.493	2.447	2.674	2.806	2.897	3.083	2.733	8.92
81)	T	trans-1,4-Dich...	0.310	0.364	0.376	0.433	0.470	0.391	0.391	15.97
82)	T	4-Chlorotoluene	2.600	2.525	2.780	2.715	2.890	3.086	2.766	7.35
83)	T	tert-Butylbenzene	2.684	2.557	2.691	2.905	2.976	3.198	2.835	8.31
84)	T	1,2,4-Trimethy...	2.411	2.394	2.687	2.811	2.917	3.118	2.723	10.50
85)	T	sec-Butylbenzene	3.315	3.040	3.248	3.534	3.594	3.861	3.432	8.47
86)	T	p-Isopropyltol...	2.634	2.532	2.731	3.060	3.052	3.001	2.835	8.17
87)	T	1,3-Dichlorobe...	1.744	1.530	1.523	1.597	1.660	1.780	1.639	6.59
88)	T	1,4-Dichlorobe...	1.982	1.529	1.580	1.615	1.648	1.685	1.673	9.59
89)	T	n-Butylbenzene	2.594	2.278	2.514	2.793	2.869	2.976	2.670	9.65
90)	T	Hexachloroethane	0.609	0.499	0.522	0.573	0.596	0.625	0.571	8.75
91)	T	1,2-Dichlorobe...	1.590	1.406	1.452	1.527	1.584	1.599	1.526	5.29
92)	T	1,2-Dibromo-3-...	0.250	0.239	0.262	0.248	0.270	0.291	0.260	7.19
93)	T	1,2,4-Trichlor...	0.978	0.794	0.912	1.010	1.065	1.072	0.972	10.85
94)	T	Hexachlorobuta...	0.486	0.361	0.365	0.418	0.407	0.390	0.405	11.29
95)	T	Naphthalene	2.301	2.277	2.850	3.272	3.519	3.575	2.966	19.66
96)	T	1,2,3-Trichlor...	0.871	0.751	0.858	0.933	0.995	0.973	0.897	9.99

(#) = Out of Range