

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X021025W.M
 Title : SW846 8260
 Last Update : Tue Feb 11 03:41:08 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX044868.D 5 =VX044869.D 20 =VX044870.D 50 =VX044871.D 100 =VX044872.D 150 =VX044873.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.723	0.669	0.716	0.700	0.706	0.693	0.701	2.71
3) P	Chloromethane	0.958	0.860	0.862	0.843	0.805	0.793	0.854	6.89
4) C	Vinyl Chloride	0.839	0.846	0.847	0.808	0.807	0.814	0.827	2.33#
5) T	Bromomethane		0.248	0.252	0.249	0.242	0.246	0.247	1.44
6) T	Chloroethane	0.500	0.288	0.280	0.341	0.249	0.181	0.307	35.36
7) T	Trichlorofluor...	1.062	1.066	1.096	1.029	1.013	1.008	1.046	3.32
8) T	Diethyl Ether	0.385	0.372	0.399	0.375	0.370	0.374	0.379	2.94
9) T	1,1,2-Trichlor...	0.583	0.647	0.668	0.626	0.631	0.637	0.632	4.45
10) T	Methyl Iodide		0.752	0.864	0.847	0.819	0.813	0.819	5.22
11) T	Tert butyl alc...		0.148	0.138	0.136	0.128	0.129	0.136	5.92
12) CM	1,1-Dichloroet...	0.647	0.639	0.661	0.630	0.632	0.657	0.644	2.04#
13) T	Acrolein		0.143	0.131	0.141	0.139	0.145	0.140	3.99
14) T	Allyl chloride	1.179	1.150	1.187	1.157	1.149	1.167	1.165	1.36
15) T	Acrylonitrile	0.337	0.354	0.380	0.379	0.360	0.364	0.363	4.41
16) T	Acetone	0.305	0.292	0.298	0.293	0.285	0.292	0.294	2.26
17) T	Carbon Disulfide	1.689	1.732	1.786	1.762	1.789	1.846	1.767	3.04
18) T	Methyl Acetate	0.882	0.901	0.926	0.946	0.922	0.995	0.928	4.22
19) T	Methyl tert-bu...	1.941	2.065	2.130	2.046	2.011	2.110	2.050	3.36
20) T	Methylene Chlo...	0.747	0.717	0.741	0.704	0.695	0.720	0.721	2.82
21) T	trans-1,2-Dich...	0.608	0.622	0.657	0.640	0.633	0.644	0.634	2.74
22) T	Diisopropyl ether	2.049	2.187	2.322	2.245	2.185	2.233	2.203	4.12
23) T	Vinyl Acetate	1.540	1.750	1.892	1.860	1.843	1.892	1.796	7.56
24) P	1,1-Dichloroet...	1.155	1.257	1.292	1.227	1.209	1.257	1.233	3.86
25) T	2-Butanone	0.422	0.472	0.504	0.506	0.477	0.487	0.478	6.40
26) T	2,2-Dichloropr...	0.957	0.982	1.000	0.952	0.959	1.017	0.978	2.71
27) T	cis-1,2-Dichlo...	0.680	0.783	0.812	0.758	0.758	0.779	0.762	5.87
28) T	Bromochloromet...	0.634	0.579	0.607	0.584	0.572	0.579	0.593	4.04
29) T	Tetrahydrofuran	0.299	0.310	0.335	0.329	0.313	0.317	0.317	4.13
30) C	Chloroform	1.167	1.209	1.268	1.169	1.153	1.208	1.196	3.53#
31) T	Cyclohexane		1.154	1.174	1.121	1.107	1.127	1.137	2.35
32) T	1,1,1-Trichlor...	1.014	1.003	1.051	1.005	0.984	1.028	1.014	2.26
33) S	1,2-Dichloroet...		0.764	0.718	0.723	0.707	0.747	0.732	3.17
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.335	0.322	0.320	0.320	0.328	0.325	1.98
36) T	1,1-Dichloropr...	0.472	0.467	0.490	0.463	0.457	0.465	0.469	2.47
37) T	Ethyl Acetate	0.477	0.534	0.546	0.527	0.516	0.528	0.522	4.57
38) T	Carbon Tetrach...	0.457	0.466	0.478	0.453	0.445	0.459	0.460	2.44
39) T	Methylcyclohexane	0.509	0.571	0.667	0.622	0.634	0.635	0.606	9.36
40) TM	Benzene	1.370	1.488	1.577	1.470	1.429	1.453	1.465	4.69
41) T	Methacrylonitrile	0.237	0.262	0.292	0.302	0.287	0.295	0.279	8.84
42) TM	1,2-Dichloroet...	0.417	0.465	0.502	0.472	0.462	0.482	0.467	6.08
43) T	Isopropyl Acetate	0.755	0.782	0.899	0.876	0.858	0.885	0.842	7.05
44) TM	Trichloroethene	0.293	0.340	0.367	0.335	0.332	0.343	0.335	7.20
45) C	1,2-Dichloropr...	0.343	0.354	0.389	0.367	0.360	0.372	0.364	4.32#
46) T	Dibromomethane	0.236	0.245	0.270	0.255	0.252	0.258	0.253	4.48
47) T	Bromodichlorom...	0.428	0.481	0.514	0.500	0.500	0.513	0.489	6.60
48) T	Methyl methacr...	0.330	0.367	0.424	0.421	0.414	0.427	0.397	10.05
49) T	1,4-Dioxane	0.009	0.009	0.009	0.009	0.008	0.008	0.009	6.54
50) S	Toluene-d8		1.239	1.249	1.239	1.208	1.212	1.229	1.49
51) T	4-Methyl-2-Pen...	0.439	0.514	0.562	0.554	0.506	0.498	0.512	8.61
52) CM	Toluene	0.776	0.872	0.957	0.898	0.866	0.864	0.872	6.74#
53) T	t-1,3-Dichloro...	0.417	0.451	0.518	0.514	0.528	0.543	0.495	10.04
54) T	cis-1,3-Dichlo...	0.452	0.511	0.587	0.577	0.587	0.599	0.552	10.49
55) T	1,1,2-Trichlor...	0.307	0.342	0.362	0.341	0.331	0.329	0.335	5.44
56) T	Ethyl methacry...	0.462	0.488	0.583	0.577	0.568	0.571	0.542	9.74

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57)	T	1,3-Dichloropr...	0.531	0.586	0.641	0.605	0.579	0.578	0.587	6.13
58)	T	2-Chloroethyl ...	0.213	0.249	0.284	0.288	0.281	0.281	0.266	11.18
59)	T	2-Hexanone	0.313	0.360	0.406	0.404	0.369	0.362	0.369	9.31
60)	T	Dibromochlorom...	0.317	0.342	0.381	0.373	0.368	0.370	0.359	6.71
61)	T	1,2-Dibromoethane	0.302	0.330	0.367	0.350	0.345	0.345	0.340	6.55
62)	S	4-Bromofluorob...	0.404	0.410	0.431	0.415	0.412	0.414		2.47
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.306	0.311	0.343	0.310	0.307	0.314	0.315	4.43
65)	PM	Chlorobenzene	0.969	1.093	1.140	1.096	1.071	1.076	1.074	5.32
66)	T	1,1,1,2-Tetrac...	0.302	0.338	0.365	0.354	0.355	0.360	0.346	6.76
67)	C	Ethyl Benzene	1.690	1.873	2.021	1.935	1.923	1.929	1.895	5.87#
68)	T	m/p-Xylenes	0.616	0.700	0.754	0.724	0.706	0.694	0.699	6.58
69)	T	o-Xylene	0.661	0.721	0.747	0.707	0.691	0.681	0.701	4.36
70)	T	Styrene	0.909	1.124	1.249	1.199	1.161	1.139	1.130	10.38
71)	P	Bromoform	0.186	0.247	0.272	0.280	0.276	0.287	0.258	14.69
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.735	4.012	4.347	4.045	3.940	4.076	4.026	4.95
74)	T	N-amyl acetate	1.431	1.744	1.915	1.902	1.889	2.051	1.822	11.80
75)	P	1,1,2,2-Tetrac...	1.429	1.403	1.438	1.366	1.305	1.360	1.383	3.61
76)	T	1,2,3-Trichlor...	1.046	1.153	1.141	1.106	1.085	1.120	1.109	3.53
77)	T	Bromobenzene	0.847	0.920	0.978	0.911	0.897	0.923	0.913	4.65
78)	T	n-propylbenzene	4.049	4.600	4.974	4.723	4.699	4.837	4.647	6.88
79)	T	2-Chlorotoluene	2.859	2.860	3.034	2.842	2.720	2.820	2.856	3.56
80)	T	1,3,5-Trimethy...	2.981	3.326	3.543	3.319	3.201	3.233	3.267	5.64
81)	T	trans-1,4-Dich...	0.346	0.417	0.437	0.457	0.498	0.431		13.01
82)	T	4-Chlorotoluene	2.958	3.156	3.320	3.193	3.116	3.214	3.160	3.81
83)	T	tert-Butylbenzene	3.097	3.350	3.539	3.312	3.236	3.296	3.305	4.38
84)	T	1,2,4-Trimethy...	2.687	3.252	3.535	3.359	3.220	3.295	3.225	8.87
85)	T	sec-Butylbenzene	3.692	4.025	4.421	4.146	4.102	4.169	4.093	5.80
86)	T	p-Isopropyltol...	2.844	3.229	3.546	3.402	3.325	3.401	3.291	7.37
87)	T	1,3-Dichlorobe...	1.616	1.669	1.741	1.679	1.663	1.703	1.678	2.49
88)	T	1,4-Dichlorobe...	1.662	1.712	1.762	1.686	1.660	1.701	1.697	2.22
89)	T	n-Butylbenzene	2.138	2.696	3.087	3.105	3.194	3.251	2.912	14.63
90)	T	Hexachloroethane	0.533	0.589	0.629	0.615	0.643	0.689	0.616	8.53
91)	T	1,2-Dichlorobe...	1.512	1.713	1.763	1.666	1.604	1.639	1.650	5.30
92)	T	1,2-Dibromo-3-...	0.202	0.236	0.268	0.258	0.261	0.289	0.252	11.87
93)	T	1,2,4-Trichlor...	0.860	0.934	1.013	1.013	1.057	1.112	0.998	8.98
94)	T	Hexachlorobuta...	0.383	0.376	0.416	0.383	0.408	0.411	0.396	4.36
95)	T	Naphthalene	2.824	3.432	3.879	3.752	3.771	3.991	3.608	11.84
96)	T	1,2,3-Trichlor...	0.858	0.952	1.042	1.031	1.043	1.109	1.006	8.75

(#) = Out of Range