

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X042224W.M
 Title : SW846 8260
 Last Update : Tue Apr 23 05:30:28 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX041189.D 5 =VX041183.D 20 =VX041184.D 50 =VX041185.D 100 =VX041186.D 150 =VX041187.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.423	0.383	0.375	0.411	0.392	0.390	0.395	4.58
3) P	Chloromethane	0.499	0.434	0.411	0.417	0.407	0.402	0.428	8.48
4) C	Vinyl Chloride	0.453	0.419	0.422	0.439	0.420	0.417	0.428	3.34#
5) T	Bromomethane		0.249	0.226	0.245	0.244	0.242	0.241	3.65
6) T	Chloroethane	0.203	0.176	0.160	0.143	0.150	0.144	0.163	14.35
7) T	Trichlorofluor...	0.688	0.695	0.658	0.668	0.641	0.631	0.663	3.81
8) T	Diethyl Ether	0.254	0.256	0.243	0.241	0.239	0.232	0.244	3.79
9) T	1,1,2-Trichlor...	0.364	0.435	0.394	0.371	0.416	0.363	0.390	7.67
10) T	Methyl Iodide		0.459	0.512	0.468	0.507	0.408	0.471	8.93
11) T	Tert butyl alc...		0.080	0.080	0.093	0.090	0.083	0.085	7.18
12) CM	1,1-Dichloroet...	0.327	0.403	0.366	0.350	0.398	0.343	0.364	8.43#
13) T	Acrolein		0.103	0.082	0.093	0.107	0.092	0.096	10.44
14) T	Allyl chloride	0.605	0.626	0.636	0.592	0.590	0.504	0.592	7.88
15) T	Acrylonitrile	0.223	0.216	0.220	0.231	0.223	0.194	0.218	5.83
16) T	Acetone	0.181	0.187	0.179	0.163	0.174	0.156	0.173	6.69
17) T	Carbon Disulfide	0.837	0.713	0.743	0.685	0.848	0.741	0.761	8.78
18) T	Methyl Acetate	0.606	0.547	0.519	0.465	0.501	0.437	0.512	11.74
19) T	Methyl tert-bu...	1.334	1.314	1.327	1.363	1.317	1.161	1.303	5.51
20) T	Methylene Chlo...	0.479	0.449	0.436	0.389	0.423	0.362	0.423	9.96
21) T	trans-1,2-Dich...	0.429	0.404	0.407	0.420	0.406	0.351	0.403	6.74
22) T	Diisopropyl ether	1.294	1.281	1.305	1.325	1.277	1.196	1.280	3.48
23) T	Vinyl Acetate	0.972	1.070	1.135	1.195	1.152	1.045	1.095	7.44
24) P	1,1-Dichloroet...	0.705	0.739	0.727	0.757	0.729	0.636	0.715	5.90
25) T	2-Butanone	0.294	0.291	0.298	0.307	0.292	0.293	0.296	2.05
26) T	2,2-Dichloropr...	0.560	0.573	0.594	0.638	0.631	0.632	0.605	5.57
27) T	cis-1,2-Dichlo...	0.497	0.483	0.501	0.513	0.501	0.499	0.499	1.95
28) T	Bromochloromet...	0.301	0.337	0.252	0.249	0.246	0.245	0.271	14.25
29) T	Tetrahydrofuran	0.206	0.199	0.200	0.208	0.198	0.198	0.202	2.25
30) C	Chloroform	0.741	0.774	0.774	0.794	0.770	0.754	0.768	2.39#
31) T	Cyclohexane		0.640	0.653	0.656	0.630	0.623	0.641	2.22
32) T	1,1,1-Trichlor...	0.629	0.673	0.692	0.723	0.707	0.707	0.688	4.87
33) S	1,2-Dichloroet...		0.567	0.463	0.443	0.452	0.453	0.476	10.84
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.348	0.293	0.286	0.294	0.300	0.304	8.26
36) T	1,1-Dichloropr...	0.416	0.386	0.380	0.391	0.383	0.379	0.389	3.59
37) T	Ethyl Acetate	0.356	0.414	0.448	0.458	0.445	0.440	0.427	8.82
38) T	Carbon Tetrach...	0.411	0.402	0.432	0.453	0.455	0.454	0.435	5.43
39) T	Methylcyclohexane	0.497	0.501	0.521	0.536	0.523	0.518	0.516	2.83
40) TM	Benzene	1.190	1.198	1.224	1.236	1.198	1.164	1.202	2.10
41) T	Methacrylonitrile	0.193	0.200	0.230	0.242	0.235	0.234	0.222	9.28
42) TM	1,2-Dichloroet...	0.409	0.424	0.424	0.427	0.412	0.404	0.417	2.32
43) T	Isopropyl Acetate	0.650	0.667	0.678	0.714	0.708	0.711	0.688	3.92
44) TM	Trichloroethene	0.372	0.323	0.346	0.359	0.352	0.344	0.349	4.70
45) C	1,2-Dichloropr...	0.278	0.289	0.295	0.296	0.288	0.283	0.288	2.29#
46) T	Dibromomethane	0.205	0.211	0.214	0.223	0.218	0.217	0.215	2.85
47) T	Bromodichlorom...	0.324	0.373	0.392	0.428	0.429	0.430	0.396	10.73
48) T	Methyl methacr...	0.271	0.304	0.330	0.351	0.349	0.347	0.325	9.85
49) T	1,4-Dioxane	0.006	0.007	0.007	0.008	0.007	0.007	0.007	11.03
50) S	Toluene-d8		1.173	0.919	1.003	1.019	1.017	1.026	8.95
51) T	4-Methyl-2-Pen...	0.409	0.423	0.428	0.457	0.437	0.428	0.431	3.71
52) CM	Toluene	0.759	0.696	0.726	0.812	0.783	0.768	0.757	5.47#
53) T	t-1,3-Dichloro...	0.320	0.320	0.354	0.433	0.451	0.453	0.389	16.58
54) T	cis-1,3-Dichlo...	0.371	0.388	0.440	0.483	0.485	0.483	0.442	11.60
55) T	1,1,2-Trichlor...	0.284	0.289	0.272	0.318	0.309	0.300	0.296	5.69
56) T	Ethyl methacry...	0.370	0.400	0.421	0.507	0.508	0.504	0.452	13.74

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57)	T	1,3-Dichloropr...	0.486	0.495	0.449	0.515	0.501	0.489	0.489	4.52
58)	T	2-Chloroethyl ...	0.216	0.217	0.208	0.229	0.228	0.221	0.220	3.62
59)	T	2-Hexanone	0.314	0.328	0.315	0.354	0.337	0.332	0.330	4.53
60)	T	Dibromochlorom...	0.288	0.299	0.316	0.374	0.385	0.384	0.341	13.18
61)	T	1,2-Dibromoethane	0.289	0.318	0.299	0.338	0.332	0.326	0.317	6.13
62)	S	4-Bromofluorob...	0.397	0.367	0.377	0.355	0.398	0.379		4.97
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.422	0.385	0.349	0.393	0.377	0.374	0.383	6.25
65)	PM	Chlorobenzene	1.052	1.005	1.044	1.055	1.011	1.008	1.029	2.28
66)	T	1,1,1,2-Tetrac...	0.309	0.334	0.355	0.374	0.369	0.374	0.352	7.45
67)	C	Ethyl Benzene	1.545	1.619	1.693	1.725	1.648	1.623	1.642	3.82#
68)	T	m/p-Xylenes	0.624	0.645	0.686	0.692	0.667	0.662	0.663	3.85
69)	T	o-Xylene	0.630	0.640	0.678	0.679	0.583	0.659	0.645	5.62
70)	T	Styrene	0.955	0.990	1.109	1.140	0.988	1.111	1.049	7.61
71)	P	Bromoform	0.226	0.258	0.297	0.343	0.314	0.369	0.301	17.62
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.121	3.144	3.252	3.219	3.037	2.892	3.111	4.22
74)	T	N-ethyl acetate	1.089	1.148	1.239	1.307	1.300	1.253	1.223	7.10
75)	P	1,1,2,2-Tetrac...	1.023	1.001	0.994	1.000	0.953	0.915	0.981	4.03
76)	T	1,2,3-Trichlor...	0.887	0.896	0.789	0.795	0.758	0.709	0.806	9.11
77)	T	Bromobenzene	0.962	0.908	0.914	0.909	0.886	0.853	0.905	3.96
78)	T	n-propylbenzene	3.308	3.239	3.455	3.529	3.401	3.223	3.359	3.65
79)	T	2-Chlorotoluene	2.280	2.150	2.152	2.162	2.060	1.950	2.126	5.22
80)	T	1,3,5-Trimethy...	2.507	2.551	2.657	2.666	2.693	2.455	2.588	3.77
81)	T	trans-1,4-Dich...	0.215	0.262	0.308	0.317	0.325	0.286		16.20
82)	T	4-Chlorotoluene	2.498	2.373	2.396	2.434	2.479	2.275	2.409	3.36
83)	T	tert-Butylbenzene	2.629	2.749	2.858	2.918	2.748	2.727	2.772	3.69
84)	T	1,2,4-Trimethy...	2.466	2.535	2.703	2.709	2.524	2.476	2.569	4.26
85)	T	sec-Butylbenzene	2.959	3.129	3.329	3.409	3.241	3.137	3.201	5.02
86)	T	p-Isopropyltol...	2.541	2.698	2.915	3.023	2.918	2.829	2.820	6.20
87)	T	1,3-Dichlorobe...	1.764	1.580	1.624	1.657	1.566	1.566	1.626	4.72
88)	T	1,4-Dichlorobe...	1.897	1.691	1.621	1.669	1.595	1.539	1.669	7.46
89)	T	n-Butylbenzene	1.772	1.837	2.187	2.362	2.366	2.325	2.142	12.59
90)	T	Hexachloroethane	0.412	0.362	0.445	0.493	0.569	0.510	0.465	15.93
91)	T	1,2-Dichlorobe...	1.731	1.546	1.633	1.682	1.610	1.571	1.629	4.24
92)	T	1,2-Dibromo-3-...	0.183	0.176	0.200	0.219	0.242	0.216	0.206	11.95
93)	T	1,2,4-Trichlor...	0.971	1.037	1.010	1.194	1.362	1.201	1.129	13.20
94)	T	Hexachlorobuta...	0.540	0.537	0.519	0.608	0.669	0.590	0.577	9.82
95)	T	Naphthalene	3.007	2.891	2.974	3.506	3.772	3.319	3.245	10.74
96)	T	1,2,3-Trichlor...	1.191	1.088	1.065	1.235	1.365	1.193	1.190	9.09

(#) = Out of Range