

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X060722W.M
 Title : SW846 8260
 Last Update : Wed Jun 08 03:00:38 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX029285.D 5 =VX029286.D 20 =VX029287.D 50 =VX029288.D 100 =VX029289.D 150 =VX029290.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.771	0.830	0.769	0.849	0.771	0.771	0.794	4.58
3) P	Chloromethane	0.995	0.914	0.833	0.851	0.746	0.744	0.847	11.48
4) C	Vinyl Chloride	0.871	0.924	0.885	0.937	0.828	0.830	0.879	5.24#
5) T	Bromomethane		0.523	0.476	0.474	0.431	0.451	0.471	7.29
6) T	Chloroethane	0.678	0.550	0.397	0.421	0.318	0.309	0.446	32.18
7) T	Trichlorofluor...	1.283	1.321	1.299	1.367	1.211	1.206	1.281	4.92
8) T	Diethyl Ether	0.504	0.532	0.502	0.520	0.467	0.471	0.499	5.23
9) T	1,1,2-Trichlor...	0.766	0.784	0.786	0.801	0.741	0.756	0.772	2.85
10) T	Methyl Iodide		0.616	0.838	1.012	0.964	0.964	0.879	18.29
11) T	Tert butyl alc...		0.378	0.241	0.228	0.194	0.181	0.244	32.17
12) CM	1,1-Dichloroet...	0.726	0.764	0.748	0.797	0.726	0.749	0.752	3.57#
13) T	Acrolein		0.110	0.090	0.092	0.085	0.084	0.092	11.44
14) T	Allyl chloride	1.163	1.208	1.230	1.283	1.176	1.179	1.207	3.69
15) T	Acrylonitrile	0.459	0.495	0.486	0.508	0.457	0.450	0.476	4.96
16) T	Acetone	0.452	0.435	0.410	0.414	0.364	0.352	0.404	9.69
17) T	Carbon Disulfide	1.873	1.717	1.769	1.963	1.852	1.927	1.850	5.05
18) T	Methyl Acetate	1.128	1.132	1.090	1.108	0.992	0.979	1.072	6.40
19) T	Methyl tert-bu...	2.339	2.654	2.665	2.775	2.559	2.576	2.595	5.66
20) T	Methylene Chlo...	1.007	0.948	0.885	0.912	0.827	0.842	0.903	7.46
21) T	trans-1,2-Dich...	0.843	0.834	0.859	0.879	0.817	0.830	0.844	2.62
22) T	Diisopropyl ether	2.256	2.533	2.560	2.658	2.321	2.285	2.435	6.94
23) T	Vinyl Acetate	1.692	2.018	2.170	2.294	1.994	1.946	2.019	10.18
24) P	1,1-Dichloroet...	1.391	1.523	1.493	1.567	1.408	1.432	1.469	4.76
25) T	2-Butanone	0.626	0.655	0.664	0.689	0.612	0.592	0.640	5.64
26) T	2,2-Dichloropr...	0.993	1.047	1.034	1.118	1.035	1.056	1.047	3.92
27) T	cis-1,2-Dichlo...	1.004	1.037	0.994	1.025	0.957	0.971	0.998	3.06
28) T	Bromochloromet...	0.595	0.612	0.557	0.610	0.567	0.524	0.577	5.96
29) T	Tetrahydrofuran	0.398	0.426	0.437	0.457	0.400	0.385	0.417	6.55
30) C	Chloroform	1.563	1.656	1.616	1.670	1.502	1.504	1.585	4.65#
31) T	Cyclohexane		1.336	1.382	1.429	1.312	1.319	1.355	3.62
32) T	1,1,1-Trichlor...	1.272	1.380	1.374	1.470	1.340	1.358	1.366	4.70
33) S	1,2-Dichloroet...		1.060	0.780	0.756	0.756	0.741	0.818	16.57
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.508	0.396	0.399	0.413	0.410	0.425	11.01
36) T	1,1-Dichloropr...	0.693	0.695	0.712	0.747	0.677	0.689	0.702	3.53
37) T	Ethyl Acetate	0.733	0.672	0.762	0.797	0.698	0.686	0.725	6.66
38) T	Carbon Tetrach...	0.689	0.701	0.732	0.764	0.697	0.724	0.718	3.88
39) T	Methylcyclohexane	0.818	0.851	0.865	0.923	0.852	0.880	0.865	4.06
40) TM	Benzene	2.036	2.128	2.154	2.213	1.985	2.026	2.090	4.21
41) T	Methacrylonitrile	0.171	0.396	0.411	0.428	0.384	0.368	0.360	26.32
42) TM	1,2-Dichloroet...	0.683	0.788	0.755	0.773	0.677	0.682	0.726	7.05
43) T	Isopropyl Acetate	0.976	1.083	1.100	1.187	1.078	1.109	1.089	6.24
44) TM	Trichloroethene	0.575	0.579	0.555	0.587	0.551	0.567	0.569	2.47
45) C	1,2-Dichloropr...	0.489	0.528	0.521	0.545	0.493	0.508	0.514	4.19#
46) T	Dibromomethane	0.350	0.377	0.380	0.397	0.359	0.371	0.372	4.42
47) T	Bromodichlorom...	0.650	0.675	0.718	0.765	0.696	0.712	0.703	5.59
48) T	Methyl methacr...	0.492	0.547	0.573	0.599	0.536	0.540	0.548	6.61
49) T	1,4-Dioxane	0.013	0.015	0.015	0.016	0.013	0.013	0.014	7.66
50) S	Toluene-d8		1.889	1.411	1.400	1.416	1.399	1.503	14.37
51) T	4-Methyl-2-Pen...	0.637	0.745	0.781	0.796	0.675	0.641	0.713	9.89
52) CM	Toluene	1.209	1.368	1.410	1.459	1.292	1.313	1.342	6.68#
53) T	t-1,3-Dichloro...	0.498	0.584	0.692	0.787	0.749	0.787	0.683	17.36
54) T	cis-1,3-Dichlo...	0.662	0.702	0.796	0.894	0.827	0.852	0.789	11.36
55) T	1,1,2-Trichlor...	0.511	0.543	0.560	0.586	0.524	0.533	0.543	4.98
56) T	Ethyl methacry...	0.605	0.731	0.826	0.909	0.826	0.841	0.790	13.54

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57)	T	1,3-Dichloropr...	0.897	0.939	0.943	0.969	0.866	0.874	0.915	4.55
58)	T	2-Chloroethyl ...	0.327	0.376	0.388	0.426	0.397	0.389	0.384	8.40
59)	T	2-Hexanone	0.485	0.566	0.599	0.615	0.504	0.482	0.542	10.89
60)	T	Dibromochlorom...	0.450	0.484	0.521	0.587	0.546	0.562	0.525	9.70
61)	T	1,2-Dibromoethane	0.518	0.586	0.602	0.629	0.562	0.576	0.579	6.51
62)	S	4-Bromofluorob...	0.685	0.563	0.558	0.570	0.565	0.588		9.20
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.455	0.471	0.484	0.500	0.462	0.474	0.474	3.38
65)	PM	Chlorobenzene	1.367	1.377	1.402	1.442	1.330	1.353	1.378	2.85
66)	T	1,1,1,2-Tetrac...	0.396	0.461	0.491	0.530	0.491	0.510	0.480	9.78
67)	C	Ethyl Benzene	2.189	2.382	2.520	2.637	2.377	2.430	2.422	6.22#
68)	T	m/p-Xylenes	0.803	0.923	0.990	1.030	0.926	0.951	0.937	8.24
69)	T	o-Xylene	0.774	0.872	0.968	1.006	0.906	0.939	0.911	8.97
70)	T	Styrene	1.262	1.440	1.609	1.689	1.540	1.580	1.520	9.91
71)	P	Bromoform	0.279	0.301	0.337	0.386	0.363	0.379	0.341	12.66
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.525	4.038	4.017	4.225	3.884	3.928	3.936	5.93
74)	T	N-amyl acetate	1.108	1.276	1.366	1.511	1.363	1.373	1.333	10.03
75)	P	1,1,2,2-Tetrac...	1.448	1.431	1.314	1.380	1.189	1.208	1.328	8.34
76)	T	1,2,3-Trichlor...	1.215	1.239	1.186	1.252	1.075	1.040	1.168	7.61
77)	T	Bromobenzene	0.924	0.906	0.914	0.965	0.915	0.921	0.924	2.26
78)	T	n-propylbenzene	3.956	4.480	4.588	4.847	4.447	4.481	4.467	6.49
79)	T	2-Chlorotoluene	2.487	2.828	2.852	2.922	2.708	2.707	2.751	5.60
80)	T	1,3,5-Trimethy...	3.048	3.384	3.429	3.594	3.283	3.316	3.342	5.41
81)	T	trans-1,4-Dich...	0.271	0.320	0.391	0.377	0.389	0.349		15.11
82)	T	4-Chlorotoluene	2.998	3.228	3.255	3.380	3.087	3.102	3.175	4.36
83)	T	tert-Butylbenzene	2.900	3.263	3.308	3.507	3.214	3.267	3.243	6.06
84)	T	1,2,4-Trimethy...	2.732	3.418	3.493	3.570	3.270	3.311	3.299	9.07
85)	T	sec-Butylbenzene	3.333	3.979	4.165	4.344	4.009	4.064	3.982	8.64
86)	T	p-Isopropyltol...	2.793	3.278	3.460	3.648	3.412	3.440	3.339	8.76
87)	T	1,3-Dichlorobe...	1.752	1.762	1.779	1.854	1.700	1.737	1.764	2.93
88)	T	1,4-Dichlorobe...	1.882	1.789	1.788	1.851	1.723	1.730	1.794	3.54
89)	T	n-Butylbenzene	2.329	2.637	2.889	3.107	2.942	2.985	2.815	10.09
90)	T	Hexachloroethane	0.486	0.466	0.516	0.569	0.556	0.592	0.531	9.33
91)	T	1,2-Dichlorobe...	1.806	1.747	1.767	1.866	1.631	1.677	1.749	4.87
92)	T	1,2-Dibromo-3-...	0.267	0.256	0.267	0.300	0.279	0.289	0.276	5.93
93)	T	1,2,4-Trichlor...	0.968	0.934	1.016	1.105	1.062	1.108	1.032	6.96
94)	T	Hexachlorobuta...	0.495	0.401	0.401	0.442	0.406	0.430	0.429	8.46
95)	T	Naphthalene	3.205	3.234	3.677	4.126	3.768	3.850	3.643	9.92
96)	T	1,2,3-Trichlor...	0.936	0.982	1.023	1.104	1.041	1.092	1.029	6.24

(#) = Out of Range