

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X053122W.M
 Title : SW846 8260
 Last Update : Tue May 31 15:54:21 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX029069.D 5 =VX029070.D 20 =VX029076.D 50 =VX029072.D 100 =VX029073.D 150 =VX029074.D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.448	0.428	0.422	0.473	0.405	0.432	0.435	5.38
3) P	Chloromethane	0.571	0.468	0.429	0.458	0.392	0.412	0.455	14.02
4) C	Vinyl Chloride	0.532	0.503	0.494	0.533	0.458	0.481	0.500	5.81#
5) T	Bromomethane		0.326	0.264	0.252	0.207	0.221	0.254	18.11
6) T	Chloroethane	0.422	0.423	0.325	0.352	0.291	0.196	0.335	25.71
7) T	Trichlorofluor...	0.845	0.808	0.766	0.816	0.698	0.733	0.777	7.15
8) T	Diethyl Ether	0.311	0.302	0.304	0.314	0.272	0.286	0.298	5.47
9) T	1,1,2-Trichlor...	0.518	0.462	0.463	0.470	0.410	0.442	0.461	7.68
10) T	Methyl Iodide		0.354	0.394	0.597	0.570	0.607	0.505	23.92
11) T	Tert butyl alc...		0.148	0.130	0.130	0.123	0.122	0.131	7.98
12) CM	1,1-Dichloroet...	0.506	0.447	0.443	0.463	0.405	0.440	0.451	7.37#
13) T	Acrolein		0.063	0.054	0.062	0.057	0.059	0.059	6.15
14) T	Allyl chloride	0.748	0.678	0.660	0.706	0.618	0.652	0.677	6.69
15) T	Acrylonitrile	0.276	0.271	0.272	0.282	0.249	0.262	0.269	4.32
16) T	Acetone	0.251	0.223	0.231	0.226	0.197	0.205	0.222	8.74
17) T	Carbon Disulfide	1.516	1.234	1.164	1.247	1.088	1.167	1.236	12.03
18) T	Methyl Acetate	0.628	0.592	0.569	0.585	0.519	0.552	0.574	6.48
19) T	Methyl tert-bu...	1.537	1.564	1.537	1.616	1.416	1.504	1.529	4.36
20) T	Methylene Chlo...	0.576	0.528	0.522	0.528	0.461	0.491	0.518	7.47
21) T	trans-1,2-Dich...	0.549	0.516	0.504	0.523	0.461	0.497	0.508	5.83
22) T	Diisopropyl ether	1.407	1.361	1.361	1.436	1.250	1.307	1.354	4.97
23) T	Vinyl Acetate	1.080	1.111	1.156	1.234	1.079	1.122	1.131	5.17
24) P	1,1-Dichloroet...	0.911	0.838	0.832	0.873	0.759	0.812	0.838	6.22
25) T	2-Butanone	0.384	0.352	0.360	0.373	0.332	0.348	0.358	5.11
26) T	2,2-Dichloropr...	0.708	0.697	0.695	0.720	0.631	0.670	0.687	4.68
27) T	cis-1,2-Dichlo...	0.706	0.599	0.592	0.615	0.542	0.584	0.606	8.99
28) T	Bromochloromet...	0.409	0.328	0.340	0.330	0.308	0.307	0.337	11.20
29) T	Tetrahydrofuran	0.235	0.233	0.225	0.244	0.215	0.226	0.230	4.35
30) C	Chloroform	0.988	0.950	0.919	0.978	0.846	0.890	0.928	5.84#
31) T	Cyclohexane		0.742	0.743	0.772	0.682	0.727	0.733	4.48
32) T	1,1,1-Trichlor...	0.891	0.847	0.829	0.891	0.769	0.818	0.841	5.56
33) S	1,2-Dichloroet...		0.645	0.538	0.580	0.528	0.529	0.564	8.89
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.370	0.317	0.337	0.315	0.321	0.332	6.94
36) T	1,1-Dichloropr...	0.465	0.423	0.430	0.438	0.391	0.417	0.427	5.66
37) T	Ethyl Acetate	0.386	0.417	0.424	0.443	0.400	0.415	0.414	4.79
38) T	Carbon Tetrach...	0.513	0.501	0.484	0.510	0.450	0.473	0.488	4.94
39) T	Methylcyclohexane	0.517	0.512	0.559	0.549	0.498	0.535	0.528	4.43
40) TM	Benzene	1.289	1.292	1.285	1.315	1.172	1.241	1.266	4.11
41) T	Methacrylonitrile	0.207	0.224	0.229	0.243	0.216	0.224	0.224	5.49
42) TM	1,2-Dichloroet...	0.439	0.461	0.440	0.447	0.387	0.401	0.429	6.68
43) T	Isopropyl Acetate	0.631	0.639	0.657	0.686	0.617	0.656	0.648	3.73
44) TM	Trichloroethene	0.669	0.427	0.387	0.392	0.352	0.379	0.434	27.06
45) C	1,2-Dichloropr...	0.306	0.310	0.308	0.318	0.287	0.302	0.305	3.35#
46) T	Dibromomethane	0.245	0.244	0.240	0.245	0.220	0.231	0.238	4.21
47) T	Bromodichlorom...	0.480	0.474	0.470	0.495	0.438	0.453	0.468	4.30
48) T	Methyl methacr...	0.301	0.304	0.325	0.336	0.304	0.321	0.315	4.48
49) T	1,4-Dioxane	0.009	0.009	0.010	0.010	0.010	0.010	0.010	2.87
50) S	Toluene-d8		1.316	1.177	1.236	1.168	1.176	1.215	5.20
51) T	4-Methyl-2-Pen...	0.424	0.424	0.441	0.454	0.414	0.429	0.431	3.34
52) CM	Toluene	0.844	0.848	0.873	0.882	0.792	0.835	0.845	3.77#
53) T	t-1,3-Dichloro...	0.450	0.461	0.479	0.517	0.476	0.506	0.481	5.38
54) T	cis-1,3-Dichlo...	0.530	0.502	0.528	0.558	0.506	0.537	0.527	3.91
55) T	1,1,2-Trichlor...	0.350	0.358	0.359	0.365	0.329	0.349	0.352	3.52
56) T	Ethyl methacry...	0.443	0.455	0.507	0.536	0.505	0.549	0.499	8.52

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57)	T	1,3-Dichloropr...	0.552	0.574	0.577	0.588	0.522	0.553	0.561	4.23
58)	T	2-Chloroethyl ...	0.196	0.230	0.231	0.260	0.246	0.256	0.237	9.94
59)	T	2-Hexanone	0.313	0.324	0.347	0.357	0.334	0.337	0.335	4.66
60)	T	Dibromochlorom...	0.400	0.390	0.395	0.422	0.383	0.412	0.400	3.61
61)	T	1,2-Dibromoethane	0.390	0.372	0.389	0.392	0.359	0.382	0.380	3.41
62)	S	4-Bromofluorob...		0.459	0.455	0.475	0.474	0.485	0.470	2.60
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.417	0.369	0.398	0.386	0.331	0.358	0.376	8.08
65)	PM	Chlorobenzene	1.100	1.037	1.041	1.055	0.922	1.008	1.027	5.83
66)	T	1,1,1,2-Tetrac...	0.422	0.388	0.400	0.408	0.360	0.397	0.396	5.29
67)	C	Ethyl Benzene	1.729	1.723	1.786	1.829	1.586	1.702	1.726	4.81#
68)	T	m/p-Xylenes	0.659	0.686	0.726	0.739	0.648	0.701	0.693	5.20
69)	T	o-Xylene	0.639	0.673	0.715	0.734	0.645	0.705	0.685	5.64
70)	T	Styrene	1.030	1.085	1.185	1.233	1.102	1.206	1.140	6.97
71)	P	Bromoform	0.333	0.338	0.330	0.357	0.332	0.361	0.342	3.99
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.497	3.472	3.523	3.481	2.934	3.254	3.360	6.85
74)	T	N-amyl acetate	1.024	1.019	1.108	1.160	1.070	1.147	1.088	5.55
75)	P	1,1,2,2-Tetrac...	1.246	1.207	1.144	1.153	0.981	1.066	1.133	8.48
76)	T	1,2,3-Trichlor...	1.081	1.079	1.042	1.029	0.900	0.951	1.014	7.18
77)	T	Bromobenzene	1.002	0.906	0.898	0.893	0.794	0.884	0.896	7.38
78)	T	n-propylbenzene	3.685	3.758	3.958	3.926	3.366	3.730	3.737	5.68
79)	T	2-Chlorotoluene	2.587	2.397	2.404	2.395	2.076	2.314	2.362	7.06
80)	T	1,3,5-Trimethy...	2.906	2.885	3.008	2.985	2.596	2.880	2.877	5.13
81)	T	trans-1,4-Dich...		0.317	0.327	0.363	0.341	0.379	0.345	7.37
82)	T	4-Chlorotoluene	2.862	2.716	2.793	2.772	2.420	2.661	2.704	5.74
83)	T	tert-Butylbenzene	2.972	2.996	3.039	3.030	2.657	2.945	2.940	4.86
84)	T	1,2,4-Trimethy...	2.819	2.879	3.047	3.002	2.601	2.879	2.871	5.49
85)	T	sec-Butylbenzene	3.304	3.442	3.679	3.618	3.184	3.483	3.452	5.41
86)	T	p-Isopropyltol...	2.877	2.964	3.212	3.171	2.808	3.074	3.018	5.37
87)	T	1,3-Dichlorobe...	1.820	1.695	1.717	1.718	1.516	1.669	1.689	5.87
88)	T	1,4-Dichlorobe...	1.820	1.778	1.753	1.726	1.519	1.663	1.710	6.27
89)	T	n-Butylbenzene	2.388	2.271	2.561	2.585	2.311	2.577	2.449	5.83
90)	T	Hexachloroethane	0.552	0.561	0.529	0.569	0.514	0.568	0.549	4.13
91)	T	1,2-Dichlorobe...	1.738	1.716	1.725	1.720	1.479	1.606	1.664	6.18
92)	T	1,2-Dibromo-3-...	0.263	0.249	0.252	0.267	0.230	0.256	0.253	5.15
93)	T	1,2,4-Trichlor...	1.151	0.921	1.082	1.049	0.945	1.077	1.038	8.47
94)	T	Hexachlorobuta...	0.613	0.460	0.485	0.455	0.391	0.444	0.475	15.66
95)	T	Naphthalene	3.030	3.048	3.493	3.617	3.195	3.524	3.318	7.78
96)	T	1,2,3-Trichlor...	1.042	0.990	1.061	1.054	0.942	1.058	1.025	4.72

(#) = Out of Range