

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X092324W.M
 Title : SW846 8260
 Last Update : Tue Sep 24 03:13:52 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX043100.D 5 =VX043101.D 20 =VX043102.D 50 =VX043103.D 100 =VX043104.D 150 =VX043105.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.510	0.520	0.543	0.524	0.547	0.555	0.533	3.37
3) P	Chloromethane	0.580	0.548	0.537	0.509	0.529	0.563	0.544	4.60
4) C	Vinyl Chloride	0.510	0.570	0.557	0.531	0.567	0.584	0.553	4.95#
5) T	Bromomethane		0.333	0.382	0.368	0.254	0.253	0.318	19.36
6) T	Chloroethane	0.413	0.366	0.367	0.338	0.316	0.325	0.354	10.14
7) T	Trichlorofluor...	1.012	0.969	0.970	0.949	0.978	1.011	0.982	2.57
8) T	Diethyl Ether	0.316	0.327	0.336	0.320	0.335	0.343	0.330	3.13
9) T	1,1,2-Trichlor...	0.578	0.539	0.552	0.531	0.561	0.563	0.554	3.07
10) T	Methyl Iodide		0.688	0.681	0.654	0.639	0.630	0.658	3.85
11) T	Tert butyl alc...		0.206	0.199	0.178	0.172	0.173	0.185	8.63
12) CM	1,1-Dichloroet...	0.520	0.528	0.543	0.507	0.534	0.548	0.530	2.82#
13) T	Acrolein		0.060	0.016	0.015	0.015	0.016	0.024	81.11
14) T	Allyl chloride	1.219	0.989	0.969	0.913	0.920	0.894	0.984	12.27
15) T	Acrylonitrile	0.331	0.317	0.327	0.308	0.320	0.327	0.322	2.55
16) T	Acetone	0.450	0.363	0.430	0.394	0.349	0.345	0.388	11.32
17) T	Carbon Disulfide	1.412	1.336	1.296	1.229	1.297	1.333	1.317	4.58
18) T	Methyl Acetate	0.989	0.920	1.132	1.068	1.077	1.085	1.045	7.37
19) T	Methyl tert-bu...	2.014	2.017	2.060	1.939	2.021	2.064	2.019	2.23
20) T	Methylene Chlo...	0.688	0.629	0.616	0.567	0.599	0.609	0.618	6.50
21) T	trans-1,2-Dich...	0.571	0.573	0.542	0.510	0.542	0.552	0.548	4.20
22) T	Diisopropyl ether	1.938	1.852	1.868	1.741	1.820	1.836	1.842	3.50
23) T	Vinyl Acetate	2.150	2.251	2.176	2.056	2.184	2.187	2.167	2.95
24) P	1,1-Dichloroet...	1.087	1.050	1.084	1.020	1.062	1.089	1.065	2.55
25) T	2-Butanone	0.516	0.498	0.527	0.488	0.487	0.488	0.501	3.39
26) T	2,2-Dichloropr...	1.109	1.068	1.092	1.013	1.091	1.096	1.078	3.19
27) T	cis-1,2-Dichlo...	0.688	0.695	0.684	0.647	0.686	0.694	0.683	2.60
28) T	Bromochloromet...	0.522	0.519	0.491	0.432	0.416	0.434	0.469	10.08
29) T	Tetrahydrofuran	0.331	0.304	0.304	0.283	0.291	0.294	0.301	5.47
30) C	Chloroform	1.236	1.191	1.177	1.110	1.162	1.171	1.175	3.49#
31) T	Cyclohexane		0.844	0.835	0.781	0.811	0.813	0.817	3.00
32) T	1,1,1-Trichlor...	1.144	1.120	1.117	1.055	1.108	1.133	1.113	2.78
33) S	1,2-Dichloroet...		0.905	0.840	0.797	0.770	0.840	0.831	6.21
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.375	0.353	0.347	0.330	0.360	0.353	4.67
36) T	1,1-Dichloropr...	0.461	0.442	0.429	0.410	0.428	0.432	0.433	3.90
37) T	Ethyl Acetate	0.640	0.563	0.534	0.497	0.515	0.517	0.544	9.50
38) T	Carbon Tetrach...	0.616	0.547	0.553	0.526	0.552	0.557	0.558	5.43
39) T	Methylcyclohexane	0.601	0.535	0.542	0.515	0.534	0.537	0.544	5.42
40) TM	Benzene	1.327	1.280	1.305	1.229	1.261	1.271	1.279	2.69
41) T	Methacrylonitrile	0.221	0.269	0.281	0.276	0.287	0.290	0.271	9.46
42) TM	1,2-Dichloroet...	0.561	0.533	0.551	0.521	0.541	0.550	0.543	2.61
43) T	Isopropyl Acetate	0.958	0.885	0.917	0.869	0.901	0.925	0.909	3.44
44) TM	Trichloroethene	0.361	0.351	0.352	0.336	0.347	0.353	0.350	2.38
45) C	1,2-Dichloropr...	0.325	0.307	0.326	0.310	0.319	0.324	0.319	2.54#
46) T	Dibromomethane	0.275	0.271	0.269	0.254	0.267	0.273	0.268	2.83
47) T	Bromodichlorom...	0.559	0.548	0.559	0.543	0.564	0.574	0.558	1.97
48) T	Methyl methacr...	0.497	0.438	0.438	0.416	0.438	0.453	0.447	6.09
49) T	1,4-Dioxane	0.009	0.009	0.009	0.008	0.008	0.008	0.008	6.71
50) S	Toluene-d8		1.259	1.212	1.176	1.116	1.204	1.193	4.39
51) T	4-Methyl-2-Pen...	0.585	0.562	0.571	0.538	0.544	0.551	0.559	3.17
52) CM	Toluene	0.834	0.848	0.820	0.802	0.818	0.820	0.824	1.91#
53) T	t-1,3-Dichloro...	0.564	0.551	0.573	0.558	0.586	0.603	0.573	3.41
54) T	cis-1,3-Dichlo...	0.545	0.557	0.587	0.558	0.585	0.599	0.572	3.72
55) T	1,1,2-Trichlor...	0.329	0.348	0.346	0.328	0.338	0.345	0.339	2.66
56) T	Ethyl methacry...	0.584	0.577	0.593	0.574	0.600	0.613	0.590	2.49

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57)	T	1,3-Dichloropr...	0.613	0.582	0.577	0.547	0.561	0.580	0.577	3.86
58)	T	2-Chloroethyl ...	0.232	0.235	0.242	0.242	0.224	0.257	0.239	4.72
59)	T	2-Hexanone	0.440	0.442	0.459	0.435	0.419	0.425	0.437	3.25
60)	T	Dibromochlorom...	0.451	0.439	0.443	0.427	0.444	0.454	0.443	2.13
61)	T	1,2-Dibromoethane	0.373	0.379	0.379	0.355	0.368	0.372	0.371	2.37
62)	S	4-Bromofluorob...		0.496	0.486	0.475	0.450	0.497	0.481	4.04
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.409	0.395	0.369	0.345	0.332	0.325	0.362	9.51
65)	PM	Chlorobenzene	1.189	1.087	1.059	1.017	1.049	1.070	1.079	5.47
66)	T	1,1,1,2-Tetrac...	0.410	0.402	0.393	0.380	0.398	0.404	0.398	2.59
67)	C	Ethyl Benzene	1.925	1.919	1.847	1.795	1.851	1.858	1.866	2.62#
68)	T	m/p-Xylenes	0.696	0.720	0.705	0.671	0.685	0.689	0.694	2.43
69)	T	o-Xylene	0.708	0.736	0.697	0.657	0.685	0.696	0.696	3.72
70)	T	Styrene	1.147	1.171	1.151	1.140	1.173	1.187	1.162	1.58
71)	P	Bromoform	0.356	0.349	0.340	0.343	0.352	0.360	0.350	2.14
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.039	3.762	3.690	3.516	3.786	3.707	3.750	4.54
74)	T	N-amyl acetate	1.813	1.764	1.698	1.690	1.805	1.801	1.762	3.13
75)	P	1,1,2,2-Tetrac...	1.320	1.226	1.196	1.136	1.186	1.175	1.207	5.22
76)	T	1,2,3-Trichlor...	1.087	1.158	1.047	1.010	1.047	1.030	1.063	4.96
77)	T	Bromobenzene	0.951	0.915	0.887	0.855	0.901	0.892	0.900	3.54
78)	T	n-propylbenzene	4.423	4.252	4.182	4.041	4.377	4.251	4.254	3.23
79)	T	2-Chlorotoluene	3.111	2.668	2.567	2.477	2.616	2.571	2.668	8.47
80)	T	1,3,5-Trimethy...	3.195	3.192	3.064	2.949	3.145	3.070	3.102	3.04
81)	T	trans-1,4-Dich...		0.438	0.431	0.421	0.470	0.472	0.446	5.16
82)	T	4-Chlorotoluene	3.177	3.083	2.999	2.903	3.087	3.052	3.050	3.04
83)	T	tert-Butylbenzene	3.481	3.215	3.137	2.968	3.200	3.180	3.197	5.18
84)	T	1,2,4-Trimethy...	3.130	3.086	3.083	2.955	3.158	3.107	3.087	2.27
85)	T	sec-Butylbenzene	4.162	3.936	3.870	3.700	3.983	3.924	3.929	3.82
86)	T	p-Isopropyltol...	3.350	3.182	3.260	3.108	3.356	3.316	3.262	3.05
87)	T	1,3-Dichlorobe...	1.758	1.619	1.616	1.557	1.642	1.656	1.641	4.05
88)	T	1,4-Dichlorobe...	1.758	1.675	1.621	1.539	1.642	1.640	1.646	4.35
89)	T	n-Butylbenzene	2.645	2.697	2.819	2.786	3.049	3.061	2.843	6.17
90)	T	Hexachloroethane	0.637	0.632	0.612	0.633	0.692	0.696	0.650	5.39
91)	T	1,2-Dichlorobe...	1.688	1.687	1.623	1.515	1.587	1.598	1.616	4.07
92)	T	1,2-Dibromo-3-...	0.346	0.306	0.335	0.306	0.329	0.335	0.326	5.07
93)	T	1,2,4-Trichlor...	0.993	0.921	1.010	0.955	1.066	1.067	1.002	5.85
94)	T	Hexachlorobuta...	0.445	0.416	0.418	0.398	0.423	0.427	0.421	3.67
95)	T	Naphthalene	3.424	3.288	3.463	3.318	3.667	3.742	3.483	5.29
96)	T	1,2,3-Trichlor...	0.982	0.970	0.967	0.949	1.037	1.069	0.996	4.68

(#) = Out of Range