

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X022224W.M
 Title : SW846 8260
 Last Update : Fri Feb 23 06:47:29 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX040410.D 5 =VX040411.D 20 =VX040413.D 50 =VX040414.D 100 =VX040415.D 150 =VX040416.D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.543	0.598	0.582	0.640	0.657	0.595	0.603	6.79
3) P	Chloromethane	0.752	0.672	0.672	0.679	0.689	0.624	0.681	6.06
4) C	Vinyl Chloride	0.676	0.682	0.674	0.690	0.711	0.644	0.680	3.25#
5) T	Bromomethane		0.449	0.396	0.443	0.372	0.338	0.400	11.87
6) T	Chloroethane	0.409	0.424	0.408	0.418	0.410	0.388	0.410	3.00
7) T	Trichlorofluor...	1.101	1.099	1.068	1.079	1.125	1.033	1.084	2.94
8) T	Diethyl Ether	0.407	0.374	0.392	0.385	0.402	0.365	0.387	4.21
9) T	1,1,2-Trichlor...	0.620	0.598	0.540	0.568	0.582	0.530	0.573	5.99
10) T	Methyl Iodide		0.547	0.693	0.704	0.730	0.659	0.667	10.71
11) T	Tert butyl alc...		0.153	0.156	0.155	0.167	0.156	0.157	3.46
12) CM	1,1-Dichloroet...	0.512	0.577	0.552	0.543	0.589	0.542	0.553	4.95#
13) T	Acrolein		0.190	0.183	0.191	0.196	0.181	0.188	3.21
14) T	Allyl chloride	0.997	1.025	1.021	1.024	1.077	0.979	1.020	3.25
15) T	Acrylonitrile	0.346	0.372	0.384	0.376	0.385	0.352	0.369	4.47
16) T	Acetone	0.354	0.360	0.347	0.329	0.335	0.310	0.339	5.36
17) T	Carbon Disulfide	1.548	1.432	1.442	1.528	1.639	1.525	1.519	4.99
18) T	Methyl Acetate	0.807	0.855	0.876	0.921	0.940	0.874	0.879	5.42
19) T	Methyl tert-bu...	1.796	1.929	2.053	2.005	2.085	1.953	1.970	5.25
20) T	Methylene Chlo...	0.934	0.700	0.686	0.649	0.680	0.614	0.710	16.00
21) T	trans-1,2-Dich...	0.668	0.633	0.604	0.614	0.637	0.584	0.623	4.71
22) T	Diisopropyl ether	1.747	2.001	2.108	2.086	2.148	2.014	2.017	7.13
23) T	Vinyl Acetate	1.565	1.769	1.921	1.913	2.008	1.871	1.841	8.49
24) P	1,1-Dichloroet...	1.089	1.177	1.184	1.176	1.235	1.137	1.166	4.21
25) T	2-Butanone	0.466	0.534	0.559	0.540	0.559	0.516	0.529	6.59
26) T	2,2-Dichloropr...	0.730	0.740	0.729	0.762	0.823	0.783	0.761	4.82
27) T	cis-1,2-Dichlo...	0.628	0.706	0.710	0.700	0.736	0.689	0.695	5.24
28) T	Bromochloromet...	0.648	0.595	0.508	0.518	0.511	0.484	0.544	11.66
29) T	Tetrahydrofuran	0.326	0.342	0.370	0.362	0.370	0.342	0.352	5.16
30) C	Chloroform	1.274	1.274	1.249	1.236	1.308	1.200	1.257	2.96#
31) T	Cyclohexane		0.980	0.955	0.976	1.037	0.933	0.976	3.96
32) T	1,1,1-Trichlor...	0.965	1.013	1.021	1.050	1.135	1.062	1.041	5.49
33) S	1,2-Dichloroet...		0.847	0.784	0.796	0.838	0.807	0.814	3.35
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.333	0.324	0.339	0.351	0.337	0.337	2.92
36) T	1,1-Dichloropr...	0.525	0.549	0.506	0.504	0.542	0.503	0.521	3.91
37) T	Ethyl Acetate	0.539	0.635	0.608	0.592	0.623	0.579	0.596	5.80
38) T	Carbon Tetrach...	0.430	0.460	0.471	0.490	0.538	0.506	0.482	7.80
39) T	Methylcyclohexane	0.471	0.570	0.556	0.562	0.608	0.549	0.553	8.16
40) TM	Benzene	1.325	1.447	1.418	1.434	1.504	1.383	1.419	4.28
41) T	Methacrylonitrile	0.279	0.298	0.319	0.329	0.344	0.329	0.316	7.53
42) TM	1,2-Dichloroet...	0.519	0.595	0.597	0.610	0.633	0.583	0.590	6.55
43) T	Isopropyl Acetate	0.771	0.879	0.941	0.934	1.010	0.948	0.914	8.91
44) TM	Trichloroethene	0.368	0.354	0.366	0.376	0.396	0.367	0.371	3.82
45) C	1,2-Dichloropr...	0.352	0.380	0.382	0.383	0.402	0.373	0.379	4.34#
46) T	Dibromomethane	0.272	0.283	0.287	0.282	0.303	0.277	0.284	3.82
47) T	Bromodichlorom...	0.461	0.510	0.528	0.543	0.584	0.546	0.529	7.79
48) T	Methyl methacr...	0.313	0.435	0.481	0.481	0.521	0.486	0.453	16.24
49) T	1,4-Dioxane	0.006	0.009	0.010	0.010	0.010	0.010	0.009	19.39
50) S	Toluene-d8		1.178	1.172	1.222	1.286	1.227	1.217	3.78
51) T	4-Methyl-2-Pen...	0.504	0.628	0.652	0.643	0.675	0.623	0.621	9.69
52) CM	Toluene	0.713	0.890	0.886	0.903	0.949	0.876	0.869	9.27#
53) T	t-1,3-Dichloro...	0.437	0.475	0.522	0.550	0.625	0.589	0.533	13.14
54) T	cis-1,3-Dichlo...	0.475	0.514	0.569	0.598	0.642	0.609	0.568	10.99
55) T	1,1,2-Trichlor...	0.331	0.369	0.381	0.376	0.405	0.371	0.372	6.39
56) T	Ethyl methacry...	0.438	0.517	0.587	0.596	0.656	0.618	0.569	13.83

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57)	T	1,3-Dichloropr...	0.645	0.640	0.658	0.642	0.678	0.628	0.648	2.72
58)	T	2-Chloroethyl ...	0.248	0.274	0.284	0.303	0.312	0.289	0.285	7.90
59)	T	2-Hexanone	0.368	0.464	0.514	0.498	0.534	0.494	0.479	12.29
60)	T	Dibromochlorom...	0.287	0.341	0.375	0.393	0.428	0.415	0.373	13.96
61)	T	1,2-Dibromoethane	0.353	0.399	0.402	0.408	0.432	0.407	0.400	6.46
62)	S	4-Bromofluorob...		0.499	0.457	0.472	0.511	0.500	0.488	4.60
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.386	0.384	0.364	0.357	0.369	0.336	0.366	4.99
65)	PM	Chlorobenzene	0.896	1.033	0.999	1.027	1.079	1.008	1.007	6.04
66)	T	1,1,1,2-Tetrac...	0.280	0.334	0.349	0.370	0.400	0.380	0.352	11.96
67)	C	Ethyl Benzene	1.656	1.896	1.916	1.926	2.047	1.892	1.889	6.76#
68)	T	m/p-Xylenes	0.591	0.666	0.704	0.719	0.755	0.697	0.689	8.12
69)	T	o-Xylene	0.605	0.665	0.685	0.699	0.735	0.695	0.681	6.44
70)	T	Styrene	0.874	1.064	1.136	1.194	1.275	1.191	1.122	12.51
71)	P	Bromoform	0.230	0.236	0.272	0.303	0.341	0.326	0.285	16.26
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.150	3.515	3.626	3.674	3.734	3.527	3.538	5.87
74)	T	N-amyl acetate	1.098	1.528	1.700	1.783	1.917	1.823	1.641	18.08
75)	P	1,1,2,2-Tetrac...	1.041	1.319	1.328	1.327	1.327	1.246	1.265	9.03
76)	T	1,2,3-Trichlor...	1.146	1.087	1.163	1.113	1.128	1.034	1.112	4.17
77)	T	Bromobenzene	0.877	0.843	0.860	0.876	0.890	0.840	0.864	2.31
78)	T	n-propylbenzene	3.886	4.343	4.487	4.550	4.618	4.336	4.370	6.00
79)	T	2-Chlorotoluene	2.535	2.539	2.663	2.647	2.702	2.563	2.608	2.74
80)	T	1,3,5-Trimethy...	2.621	2.908	3.102	3.157	3.233	3.014	3.006	7.31
81)	T	trans-1,4-Dich...		0.243	0.292	0.328	0.367	0.368	0.320	16.67
82)	T	4-Chlorotoluene	2.853	3.073	3.087	3.095	3.211	3.021	3.057	3.85
83)	T	tert-Butylbenzene	2.497	2.716	2.904	2.919	3.046	2.916	2.833	6.90
84)	T	1,2,4-Trimethy...	2.642	2.933	3.121	3.177	3.251	3.072	3.033	7.23
85)	T	sec-Butylbenzene	3.277	3.832	3.807	3.903	4.043	3.767	3.771	6.92
86)	T	p-Isopropyltol...	2.599	2.850	3.080	3.172	3.298	3.083	3.013	8.31
87)	T	1,3-Dichlorobe...	1.686	1.575	1.667	1.662	1.720	1.610	1.653	3.18
88)	T	1,4-Dichlorobe...	1.909	1.637	1.700	1.687	1.727	1.624	1.714	6.01
89)	T	n-Butylbenzene	2.723	2.821	2.956	3.043	3.224	3.021	2.965	5.96
90)	T	Hexachloroethane	0.371	0.423	0.459	0.514	0.577	0.552	0.483	16.37
91)	T	1,2-Dichlorobe...	1.603	1.586	1.639	1.609	1.631	1.526	1.599	2.53
92)	T	1,2-Dibromo-3-...	0.200	0.244	0.310	0.316	0.336	0.323	0.288	18.70
93)	T	1,2,4-Trichlor...	1.005	0.979	1.029	1.067	1.066	1.029	1.029	3.33
94)	T	Hexachlorobuta...	0.272	0.380	0.392	0.404	0.403	0.385	0.373	13.44
95)	T	Naphthalene	2.677	3.019	3.422	3.553	3.642	3.506	3.303	11.38
96)	T	1,2,3-Trichlor...	0.927	0.929	1.018	1.032	1.039	1.002	0.991	5.10

(#) = Out of Range