

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X102622W.M
 Title : SW846 8260
 Last Update : Thu Oct 27 08:28:06 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX032399.D 5 =VX032400.D 20 =VX032401.D 50 =VX032402.D 100 =VX032403.D 150 =VX032404.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.519	0.494	0.633	0.615	0.590	0.608	0.577	9.84
3) P	Chloromethane	0.489	0.413	0.544	0.500	0.480	0.501	0.488	8.78
4) C	Vinyl Chloride	0.491	0.491	0.587	0.561	0.538	0.552	0.537	7.26#
5) T	Bromomethane		0.450	0.426	0.441	0.405	0.422	0.429	4.02
6) T	Chloroethane	0.396	0.324	0.367	0.341	0.346	0.386	0.360	7.64
7) T	Trichlorofluor...	1.050	0.956	1.057	1.022	0.990	1.027	1.017	3.74
8) T	Diethyl Ether	0.344	0.320	0.335	0.324	0.315	0.339	0.330	3.49
9) T	1,1,2-Trichlor...	0.599	0.521	0.537	0.524	0.510	0.531	0.537	5.89
10) T	Methyl Iodide		0.410	0.563	0.598	0.604	0.615	0.558	15.18
11) T	Tert butyl alc...		0.111	0.098	0.100	0.095	0.101	0.101	5.92
12) CM	1,1-Dichloroet...	0.528	0.470	0.520	0.497	0.486	0.509	0.501	4.28#
13) T	Acrolein		0.115	0.101	0.097	0.093	0.099	0.101	8.48
14) T	Allyl chloride	0.843	0.735	0.810	0.802	0.788	0.819	0.799	4.58
15) T	Acrylonitrile	0.303	0.276	0.274	0.263	0.256	0.275	0.274	5.85
16) T	Acetone	0.323	0.260	0.243	0.232	0.223	0.234	0.253	14.48
17) T	Carbon Disulfide	1.287	0.928	1.232	1.225	1.210	1.283	1.194	11.23
18) T	Methyl Acetate	0.875	0.788	0.847	0.811	0.781	0.826	0.821	4.39
19) T	Methyl tert-bu...	1.890	1.705	1.745	1.701	1.703	1.830	1.762	4.52
20) T	Methylene Chlo...	0.709	0.575	0.575	0.538	0.526	0.550	0.579	11.50
21) T	trans-1,2-Dich...	0.614	0.505	0.543	0.530	0.520	0.563	0.546	7.07
22) T	Diisopropyl ether	1.812	1.660	1.715	1.668	1.698	1.821	1.729	4.09
23) T	Vinyl Acetate	1.375	1.327	1.395	1.387	1.403	1.493	1.397	3.90
24) P	1,1-Dichloroet...	1.048	0.982	0.998	0.973	0.955	1.011	0.994	3.28
25) T	2-Butanone	0.454	0.394	0.377	0.375	0.364	0.384	0.391	8.22
26) T	2,2-Dichloropr...	0.757	0.750	0.789	0.789	0.800	0.858	0.791	4.87
27) T	cis-1,2-Dichlo...	0.637	0.612	0.638	0.629	0.615	0.654	0.631	2.50
28) T	Bromochloromet...	0.401	0.405	0.349	0.330	0.313	0.327	0.354	11.18
29) T	Tetrahydrofuran	0.275	0.244	0.241	0.243	0.240	0.255	0.249	5.44
30) C	Chloroform	1.137	1.060	1.086	1.059	1.070	1.136	1.091	3.34#
31) T	Cyclohexane		0.770	0.876	0.850	0.833	0.882	0.842	5.32
32) T	1,1,1-Trichlor...	0.997	0.899	0.980	0.977	0.976	1.047	0.979	4.88
33) S	1,2-Dichloroet...		0.757	0.693	0.660	0.664	0.700	0.695	5.58
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.382	0.357	0.346	0.338	0.359	0.357	4.57
36) T	1,1-Dichloropr...	0.523	0.466	0.501	0.494	0.486	0.511	0.497	3.95
37) T	Ethyl Acetate	0.622	0.538	0.481	0.482	0.474	0.505	0.517	10.93
38) T	Carbon Tetrach...	0.564	0.490	0.551	0.559	0.553	0.588	0.551	5.93
39) T	Methylcyclohexane	0.576	0.532	0.608	0.607	0.583	0.619	0.588	5.41
40) TM	Benzene	1.477	1.344	1.420	1.404	1.355	1.433	1.405	3.54
41) T	Methacrylonitrile	0.259	0.253	0.268	0.262	0.257	0.281	0.263	3.81
42) TM	1,2-Dichloroet...	0.599	0.540	0.585	0.573	0.561	0.590	0.575	3.79
43) T	Isopropyl Acetate	0.784	0.751	0.794	0.804	0.787	0.843	0.794	3.76
44) TM	Trichloroethene	0.443	0.371	0.395	0.389	0.375	0.401	0.396	6.53
45) C	1,2-Dichloropr...	0.368	0.360	0.368	0.357	0.348	0.364	0.361	2.21#
46) T	Dibromomethane	0.298	0.266	0.283	0.273	0.261	0.279	0.277	4.71
47) T	Bromodichlorom...	0.520	0.487	0.527	0.525	0.525	0.563	0.524	4.63
48) T	Methyl methacr...	0.430	0.387	0.404	0.412	0.400	0.426	0.410	3.93
49) T	1,4-Dioxane	0.008	0.009	0.008	0.008	0.007	0.007	0.008	7.31
50) S	Toluene-d8		1.254	1.237	1.220	1.204	1.287	1.240	2.58
51) T	4-Methyl-2-Pen...	0.518	0.493	0.505	0.503	0.485	0.497	0.500	2.28
52) CM	Toluene	0.915	0.858	0.925	0.923	0.914	0.968	0.917	3.83#
53) T	t-1,3-Dichloro...	0.485	0.453	0.523	0.559	0.572	0.619	0.535	11.35
54) T	cis-1,3-Dichlo...	0.536	0.516	0.571	0.586	0.591	0.634	0.572	7.35
55) T	1,1,2-Trichlor...	0.411	0.377	0.383	0.374	0.371	0.402	0.386	4.22
56) T	Ethyl methacry...	0.490	0.522	0.552	0.580	0.573	0.617	0.556	8.07

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57)	T	1,3-Dichloropr...	0.652	0.612	0.622	0.615	0.602	0.639	0.624	2.97
58)	T	2-Chloroethyl ...	0.244	0.248	0.280	0.277	0.271	0.286	0.268	6.50
59)	T	2-Hexanone	0.377	0.367	0.373	0.378	0.362	0.368	0.371	1.75
60)	T	Dibromochlorom...	0.438	0.377	0.400	0.424	0.428	0.464	0.422	7.22
61)	T	1,2-Dibromoethane	0.405	0.389	0.413	0.409	0.407	0.433	0.409	3.49
62)	S	4-Bromofluorob...	0.448	0.474	0.488	0.493	0.520	0.484		5.45
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.392	0.361	0.368	0.362	0.349	0.364	0.366	3.87
65)	PM	Chlorobenzene	1.170	1.139	1.120	1.089	1.083	1.120	1.120	2.88
66)	T	1,1,1,2-Tetrac...	0.433	0.421	0.410	0.418	0.413	0.433	0.422	2.38
67)	C	Ethyl Benzene	2.125	1.886	2.014	2.006	1.960	2.026	2.003	3.93#
68)	T	m/p-Xylenes	0.797	0.726	0.778	0.782	0.775	0.808	0.778	3.66
69)	T	o-Xylene	0.763	0.713	0.751	0.762	0.755	0.793	0.756	3.43
70)	T	Styrene	1.171	1.198	1.251	1.279	1.288	1.352	1.257	5.20
71)	P	Bromoform	0.324	0.303	0.314	0.344	0.347	0.368	0.333	7.18
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.361	3.920	3.918	3.789	3.723	4.062	3.962	5.76
74)	T	N-amyl acetate	1.481	1.494	1.508	1.497	1.448	1.554	1.497	2.33
75)	P	1,1,2,2-Tetrac...	1.442	1.369	1.255	1.201	1.141	1.222	1.272	8.84
76)	T	1,2,3-Trichlor...	1.197	1.166	1.119	1.090	1.033	1.070	1.112	5.50
77)	T	Bromobenzene	1.083	1.014	0.940	0.912	0.894	0.985	0.971	7.27
78)	T	n-propylbenzene	4.938	4.487	4.521	4.430	4.344	4.668	4.565	4.65
79)	T	2-Chlorotoluene	3.042	2.761	2.670	2.626	2.554	2.749	2.734	6.21
80)	T	1,3,5-Trimethy...	3.459	3.430	3.375	3.337	3.246	3.470	3.386	2.52
81)	T	trans-1,4-Dich...	0.302	0.327	0.351	0.361	0.406	0.350		11.15
82)	T	4-Chlorotoluene	3.551	3.124	3.128	3.099	3.032	3.259	3.199	5.87
83)	T	tert-Butylbenzene	3.583	3.422	3.348	3.286	3.220	3.424	3.381	3.75
84)	T	1,2,4-Trimethy...	3.538	3.356	3.431	3.321	3.190	3.371	3.368	3.43
85)	T	sec-Butylbenzene	4.088	4.036	4.126	4.049	3.914	4.194	4.068	2.33
86)	T	p-Isopropyltol...	3.378	3.411	3.491	3.470	3.376	3.584	3.452	2.32
87)	T	1,3-Dichlorobe...	2.046	1.874	1.796	1.757	1.705	1.815	1.832	6.49
88)	T	1,4-Dichlorobe...	2.313	1.900	1.831	1.795	1.725	1.842	1.901	11.04
89)	T	n-Butylbenzene	2.937	2.888	2.971	3.041	2.980	3.200	3.003	3.63
90)	T	Hexachloroethane	0.569	0.515	0.554	0.561	0.568	0.617	0.564	5.80
91)	T	1,2-Dichlorobe...	1.962	1.865	1.803	1.751	1.659	1.801	1.807	5.68
92)	T	1,2-Dibromo-3-...	0.276	0.272	0.281	0.278	0.270	0.296	0.279	3.27
93)	T	1,2,4-Trichlor...	1.342	1.155	1.152	1.109	1.091	1.220	1.178	7.79
94)	T	Hexachlorobuta...	0.606	0.498	0.469	0.459	0.442	0.478	0.492	11.97
95)	T	Naphthalene	4.206	3.888	3.915	3.836	3.692	4.015	3.925	4.42
96)	T	1,2,3-Trichlor...	1.366	1.211	1.168	1.130	1.094	1.215	1.197	7.93

(#) = Out of Range