

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y050922S.M
 Title : SW846 8260
 Last Update : Mon May 09 19:21:20 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY008655.D 10 =VY008656.D 20 =VY008657.D 50 =VY008658.D 100 =VY008659.D 150 =VY008660.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.250	0.296	0.296	0.210	0.254	0.262	0.261	12.30
3) P	Chloromethane	0.339	0.335	0.332	0.280	0.311	0.334	0.322	7.07
4) C	Vinyl Chloride	0.299	0.407	0.447	0.420	0.443	0.435	0.408	13.58#
5) T	Bromomethane	0.356	0.359	0.349	0.304	0.309	0.292	0.328	9.09
6) T	Chloroethane	0.307	0.298	0.294	0.256	0.270	0.258	0.280	7.83
7) T	Trichlorofluor...	0.506	0.490	0.532	0.432	0.482	0.522	0.494	7.20
8) T	Diethyl Ether	0.350	0.340	0.307	0.279	0.291	0.310	0.313	8.87
9) T	1,1,2-Trichlor...	0.509	0.528	0.527	0.455	0.502	0.512	0.506	5.30
10) T	Methyl Iodide	0.837	0.879	0.873	0.767	0.831	0.850	0.839	4.81
11) T	Tert butyl alc...	0.048	0.050	0.041	0.035	0.037		0.042	15.87
12) CM	1,1-Dichloroet...	0.514	0.531	0.537	0.481	0.530	0.547	0.523	4.44#
13) T	Acrolein	0.033	0.047	0.046	0.038	0.042	0.048	0.042	14.17
14) T	Allyl chloride	0.705	0.687	0.713	0.598	0.671	0.688	0.677	6.11
15) T	Acrylonitrile	0.148	0.153	0.141	0.125	0.132	0.142	0.140	7.28
16) T	Acetone	0.120	0.110	0.096	0.092	0.093	0.096	0.101	11.29
17) T	Carbon Disulfide	1.266	1.420	1.475	1.287	1.416	1.463	1.388	6.44
18) T	Methyl Acetate	0.568	0.377	0.334	0.265	0.282	0.303	0.355	31.48
19) T	Methyl tert-bu...	1.079	1.067	0.984	0.860	0.891	0.908	0.965	9.69
20) T	Methylene Chlo...	0.696	0.667	0.625	0.545	0.571	0.579	0.614	9.65
21) T	trans-1,2-Dich...	0.582	0.614	0.612	0.534	0.585	0.603	0.588	5.06
22) T	Diisopropyl ether	1.473	1.560	1.530	1.361	1.429	1.442	1.466	4.93
23) T	Vinyl Acetate	0.784	1.019	0.959	0.889	0.934	0.970	0.926	8.79
24) P	1,1-Dichloroet...	0.974	0.968	0.969	0.860	0.926	0.949	0.941	4.62
25) T	2-Butanone	0.174	0.188	0.163	0.149	0.155	0.168	0.166	8.37
26) T	2,2-Dichloropr...	0.660	0.673	0.657	0.572	0.599	0.614	0.629	6.39
27) T	cis-1,2-Dichlo...	0.661	0.694	0.679	0.611	0.659	0.686	0.665	4.47
28) T	Bromochloromet...	0.383	0.333	0.347	0.309	0.313	0.318	0.334	8.35
29) T	Tetrahydrofuran	0.117	0.128	0.110	0.096	0.103	0.111	0.111	10.03
30) C	Chloroform	1.022	1.034	1.029	0.909	0.974	1.004	0.995	4.80#
31) T	Cyclohexane	0.941	0.896	0.868	0.749	0.807	0.823	0.847	8.06
32) T	1,1,1-Trichlor...	0.826	0.837	0.859	0.740	0.801	0.832	0.816	5.11
33) S	1,2-Dichloroet...	0.480	0.431	0.403	0.407	0.419	0.431	0.428	6.50
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.326	0.307	0.299	0.291	0.308	0.319	0.308	4.14
36) T	1,1-Dichloropr...	0.489	0.521	0.509	0.455	0.488	0.508	0.495	4.69
37) T	Ethyl Acetate	0.269	0.276	0.241	0.214	0.232	0.244	0.246	9.44
38) T	Carbon Tetrach...	0.489	0.509	0.511	0.461	0.506	0.528	0.501	4.63
39) T	Methylcyclohexane	0.609	0.639	0.657	0.590	0.663	0.684	0.640	5.52
40) TM	Benzene	1.442	1.478	1.479	1.330	1.427	1.473	1.438	3.98
41) T	Methacrylonitrile	0.138	0.195	0.130	0.121	0.131	0.141	0.143	18.67
42) TM	1,2-Dichloroet...	0.377	0.405	0.375	0.346	0.361	0.373	0.373	5.25
43) T	Isopropyl Acetate	0.455	0.496	0.438	0.403	0.429	0.461	0.447	7.10
44) TM	Trichloroethene	0.410	0.434	0.421	0.392	0.425	0.437	0.420	3.98
45) C	1,2-Dichloropr...	0.359	0.364	0.351	0.327	0.348	0.357	0.351	3.76#
46) T	Dibromomethane	0.228	0.233	0.216	0.202	0.216	0.223	0.220	4.91
47) T	Bromodichlorom...	0.498	0.508	0.485	0.457	0.488	0.506	0.490	3.86
48) T	Methyl methacr...	0.188	0.213	0.196	0.173	0.193	0.206	0.195	7.10
49) T	1,4-Dioxane	0.003	0.003	0.003	0.002	0.003	0.003	0.003	6.14
50) S	Toluene-d8	1.179	1.012	1.025	1.036	1.106	1.158	1.086	6.62
51) T	4-Methyl-2-Pen...	0.241	0.264	0.229	0.209	0.222	0.239	0.234	8.03
52) CM	Toluene	0.908	0.975	0.957	0.864	0.940	0.974	0.936	4.64#
53) T	t-1,3-Dichloro...	0.523	0.556	0.528	0.489	0.522	0.544	0.527	4.36
54) T	cis-1,3-Dichlo...	0.600	0.613	0.605	0.566	0.601	0.624	0.601	3.28
55) T	1,1,2-Trichlor...	0.316	0.342	0.310	0.287	0.305	0.319	0.313	5.77
56) T	Ethyl methacry...	0.371	0.415	0.388	0.375	0.403	0.427	0.396	5.63

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57)	T	1,3-Dichloropr...	0.523	0.550	0.513	0.473	0.498	0.518	0.512	5.04
58)	T	2-Chloroethyl ...	0.199	0.201	0.185	0.186	0.197	0.209	0.196	4.77
59)	T	2-Hexanone	0.163	0.175	0.158	0.145	0.155	0.164	0.160	6.26
60)	T	Dibromochlorom...	0.377	0.403	0.370	0.354	0.380	0.399	0.380	4.82
61)	T	1,2-Dibromoethane	0.317	0.325	0.306	0.285	0.302	0.317	0.309	4.59
62)	S	4-Bromofluorob...	0.420	0.395	0.379	0.366	0.389	0.394	0.391	4.62
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.413	0.387	0.390	0.354	0.386	0.408	0.390	5.38
65)	PM	Chlorobenzene	1.102	1.147	1.137	1.046	1.120	1.159	1.119	3.63
66)	T	1,1,1,2-Tetrac...	0.400	0.430	0.422	0.387	0.417	0.437	0.415	4.55
67)	C	Ethyl Benzene	1.859	1.928	1.951	1.805	1.962	2.028	1.922	4.13#
68)	T	m/p-Xylenes	0.741	0.770	0.788	0.720	0.784	0.811	0.769	4.32
69)	T	o-Xylene	0.698	0.736	0.736	0.692	0.743	0.773	0.730	4.12
70)	T	Styrene	1.122	1.202	1.227	1.161	1.254	1.301	1.211	5.31
71)	P	Bromoform	0.262	0.282	0.266	0.251	0.263	0.282	0.268	4.52
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.634	3.719	3.884	3.579	3.985	4.118	3.820	5.52
74)	T	N-amyl acetate	0.856	0.893	0.855	0.794	0.844	0.904	0.858	4.56
75)	P	1,1,2,2-Tetrac...	0.845	0.843	0.785	0.728	0.772	0.824	0.800	5.75
76)	T	1,2,3-Trichlor...	0.633	0.620	0.580	0.455	0.591	0.504	0.564	12.40
77)	T	Bromobenzene	0.963	0.955	0.957	0.884	0.963	1.013	0.956	4.33
78)	T	n-propylbenzene	4.279	4.455	4.690	4.296	4.709	4.821	4.542	5.06
79)	T	2-Chlorotoluene	2.471	2.477	2.536	2.352	2.582	2.658	2.513	4.19
80)	T	1,3,5-Trimethy...	2.959	3.016	3.180	2.921	3.221	3.266	3.094	4.74
81)	T	trans-1,4-Dich...	0.281	0.291	0.270	0.264	0.283	0.310	0.283	5.76
82)	T	4-Chlorotoluene	2.611	2.554	2.673	2.442	2.633	2.719	2.606	3.74
83)	T	tert-Butylbenzene	2.647	2.679	2.849	2.703	2.853	2.922	2.776	4.08
84)	T	1,2,4-Trimethy...	2.916	3.004	3.139	2.893	3.165	3.215	3.055	4.45
85)	T	sec-Butylbenzene	3.947	3.984	4.241	3.886	4.261	4.293	4.102	4.44
86)	T	p-Isopropyltol...	3.168	3.266	3.545	3.262	3.587	3.625	3.409	5.82
87)	T	1,3-Dichlorobe...	1.851	1.847	1.885	1.732	1.869	1.909	1.849	3.34
88)	T	1,4-Dichlorobe...	1.885	1.832	1.879	1.699	1.833	1.871	1.833	3.80
89)	T	n-Butylbenzene	2.984	3.008	3.209	2.972	3.272	3.274	3.120	4.71
90)	T	Hexachloroethane	0.636	0.648	0.685	0.626	0.683	0.693	0.662	4.37
91)	T	1,2-Dichlorobe...	1.629	1.674	1.682	1.522	1.646	1.686	1.640	3.76
92)	T	1,2-Dibromo-3-...	0.135	0.125	0.113	0.102	0.111	0.123	0.118	10.07
93)	T	1,2,4-Trichlor...	1.035	1.010	1.051	0.984	1.100	1.106	1.048	4.64
94)	T	Hexachlorobuta...	0.564	0.550	0.586	0.542	0.605	0.596	0.574	4.47
95)	T	Naphthalene	2.100	2.047	2.108	1.984	2.236	2.384	2.143	6.73
96)	T	1,2,3-Trichlor...	0.884	0.910	0.941	0.858	0.963	0.982	0.923	5.14

(#) = Out of Range