

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y022822S.M
 Title : SW846 8260
 Last Update : Tue Mar 01 09:08:03 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY007654.D 10 =VY007655.D 20 =VY007656.D 50 =VY007657.D 150 =VY007659.D 100 =VY007658.D

	Compound	5	10	20	50	150	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.486	0.420	0.379	0.327	0.309	0.320	0.373	18.53
3) P	Chloromethane	0.872	0.722	0.629	0.534	0.460	0.499	0.619	25.18
4) C	Vinyl Chloride	0.928	0.827	0.749	0.712	0.622	0.663	0.750	14.99#
5) T	Bromomethane	0.677	0.618	0.643	0.520	0.596	0.584	0.606	8.90
6) T	Chloroethane	0.688	0.621	0.590	0.522	0.500	0.530	0.575	12.43
7) T	Trichlorofluor...	1.066	0.931	0.847	0.787	0.739	0.773	0.857	14.30
8) T	Diethyl Ether	0.307	0.293	0.283	0.267	0.240	0.264	0.276	8.58
9) T	1,1,2-Trichlor...	0.618	0.566	0.519	0.496	0.455	0.485	0.523	11.36
10) T	Methyl Iodide	0.699	0.660	0.619	0.611	0.608	0.622	0.637	5.62
11) T	Tert butyl alc...	0.047	0.046	0.046	0.045	0.040	0.047	0.045	5.89
12) CM	1,1-Dichloroet...	0.557	0.499	0.454	0.435	0.408	0.433	0.464	11.82#
13) T	Acrolein	0.055	0.055	0.055	0.038	0.034	0.038	0.046	22.60
14) T	Allyl chloride	0.777	0.721	0.693	0.682	0.635	0.681	0.698	6.83
15) T	Acrylonitrile	0.156	0.146	0.146	0.146	0.129	0.151	0.146	6.19
16) T	Acetone	0.131	0.109	0.106	0.103	0.087	0.103	0.106	13.30
17) T	Carbon Disulfide	1.665	1.354	1.269	1.136	1.053	1.113	1.265	17.78
18) T	Methyl Acetate	0.545	0.373	0.371	0.315	0.276	0.321	0.367	25.82
19) T	Methyl tert-bu...	1.558	1.464	1.422	1.430	1.321	1.450	1.441	5.31
20) T	Methylene Chlo...	0.845	0.640	0.569	0.520	0.472	0.509	0.592	23.08
21) T	trans-1,2-Dich...	0.645	0.571	0.535	0.508	0.479	0.512	0.542	10.93
22) T	Diisopropyl ether	1.820	1.682	1.636	1.642	1.559	1.671	1.668	5.16
23) T	Vinyl Acetate	0.984	1.039	1.055	1.095	1.028	1.130	1.055	4.88
24) P	1,1-Dichloroet...	1.192	1.032	0.982	0.967	0.907	0.967	1.008	9.79
25) T	2-Butanone	0.184	0.174	0.183	0.181	0.161	0.189	0.179	5.51
26) T	2,2-Dichloropr...	0.981	0.918	0.879	0.887	0.837	0.880	0.897	5.40
27) T	cis-1,2-Dichlo...	0.715	0.646	0.621	0.623	0.585	0.621	0.635	6.87
28) T	Bromochloromet...	0.476	0.427	0.408	0.422	0.401	0.438	0.429	6.26
29) T	Tetrahydrofuran	0.124	0.123	0.126	0.123	0.108	0.129	0.122	6.00
30) C	Chloroform	1.204	1.084	0.999	1.022	0.945	1.013	1.044	8.62#
31) T	Cyclohexane	1.218	1.008	0.881	0.830	0.750	0.801	0.915	18.87
32) T	1,1,1-Trichlor...	1.043	0.978	0.877	0.910	0.860	0.909	0.929	7.40
33) S	1,2-Dichloroet...	0.582	0.554	0.554	0.490	0.462	0.499	0.523	8.86
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.327	0.333	0.338	0.306	0.300	0.315	0.320	4.79
36) T	1,1-Dichloropr...	0.594	0.524	0.482	0.488	0.449	0.481	0.503	10.03
37) T	Ethyl Acetate	0.297	0.273	0.281	0.283	0.244	0.289	0.278	6.65
38) T	Carbon Tetrach...	0.616	0.541	0.508	0.527	0.497	0.529	0.536	7.83
39) T	Methylcyclohexane	0.707	0.635	0.602	0.602	0.564	0.598	0.618	7.97
40) TM	Benzene	1.560	1.430	1.368	1.392	1.276	1.370	1.399	6.69
41) T	Methacrylonitrile	0.138	0.105	0.139	0.142	0.126	0.146	0.133	11.46
42) TM	1,2-Dichloroet...	0.475	0.458	0.435	0.434	0.388	0.430	0.437	6.73
43) T	Isopropyl Acetate	0.521	0.491	0.519	0.528	0.472	0.550	0.514	5.41
44) TM	Trichloroethene	0.442	0.399	0.381	0.382	0.352	0.376	0.389	7.84
45) C	1,2-Dichloropr...	0.398	0.369	0.357	0.358	0.330	0.359	0.362	6.04#
46) T	Dibromomethane	0.241	0.216	0.214	0.219	0.197	0.217	0.217	6.55
47) T	Bromodichlorom...	0.546	0.513	0.493	0.516	0.472	0.518	0.510	4.92
48) T	Methyl methacr...	0.222	0.216	0.230	0.227	0.205	0.236	0.223	5.03
49) T	1,4-Dioxane	0.003	0.002	0.003	0.003	0.003	0.003	0.003	6.19
50) S	Toluene-d8	1.221	1.225	1.250	1.104	1.110	1.149	1.177	5.40
51) T	4-Methyl-2-Pen...	0.266	0.264	0.280	0.287	0.252	0.300	0.275	6.32
52) CM	Toluene	1.015	0.911	0.858	0.906	0.845	0.895	0.905	6.62#
53) T	t-1,3-Dichloro...	0.538	0.506	0.515	0.536	0.497	0.546	0.523	3.77
54) T	cis-1,3-Dichlo...	0.597	0.568	0.569	0.587	0.550	0.597	0.578	3.27
55) T	1,1,2-Trichlor...	0.309	0.298	0.294	0.302	0.268	0.302	0.296	4.85
56) T	Ethyl methacry...	0.380	0.363	0.391	0.414	0.381	0.426	0.392	5.93

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57)	T	1,3-Dichloropr...	0.526	0.496	0.505	0.506	0.455	0.511	0.500	4.87
58)	T	2-Chloroethyl ...	0.201	0.196	0.205	0.230	0.213	0.239	0.214	8.12
59)	T	2-Hexanone	0.172	0.177	0.189	0.198	0.169	0.205	0.185	7.96
60)	T	Dibromochlorom...	0.348	0.346	0.343	0.365	0.337	0.373	0.352	4.00
61)	T	1,2-Dibromoethane	0.295	0.280	0.277	0.290	0.258	0.291	0.282	4.80
62)	S	4-Bromofluorob...	0.381	0.399	0.401	0.365	0.356	0.375	0.379	4.75
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.448	0.381	0.352	0.359	0.337	0.347	0.371	10.98
65)	PM	Chlorobenzene	1.186	1.136	1.052	1.080	1.029	1.053	1.089	5.51
66)	T	1,1,1,2-Tetrac...	0.420	0.404	0.382	0.416	0.409	0.412	0.407	3.32
67)	C	Ethyl Benzene	2.125	1.978	1.857	1.939	1.936	1.953	1.964	4.50#
68)	T	m/p-Xylenes	0.794	0.757	0.718	0.756	0.746	0.753	0.754	3.23
69)	T	o-Xylene	0.759	0.714	0.670	0.715	0.714	0.714	0.714	3.93
70)	T	Styrene	1.191	1.149	1.129	1.222	1.237	1.247	1.196	4.05
71)	P	Bromoform	0.250	0.238	0.243	0.261	0.258	0.271	0.254	4.72
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.240	3.972	3.650	3.865	3.765	3.879	3.895	5.17
74)	T	N-amyl acetate	1.033	1.027	0.998	1.067	0.990	1.106	1.037	4.20
75)	P	1,1,2,2-Tetrac...	0.868	0.814	0.809	0.823	0.745	0.842	0.817	5.04
76)	T	1,2,3-Trichlor...	0.599	0.569	0.544	0.567	0.506	0.565	0.558	5.58
77)	T	Bromobenzene	0.983	0.909	0.846	0.893	0.856	0.896	0.897	5.43
78)	T	n-propylbenzene	5.147	4.827	4.439	4.687	4.449	4.652	4.700	5.62
79)	T	2-Chlorotoluene	2.755	2.572	2.368	2.510	2.387	2.498	2.515	5.60
80)	T	1,3,5-Trimethy...	3.356	3.165	2.929	3.139	2.989	3.110	3.115	4.79
81)	T	trans-1,4-Dich...	0.276	0.258	0.259	0.278	0.267	0.301	0.273	5.88
82)	T	4-Chlorotoluene	2.789	2.606	2.439	2.587	2.491	2.612	2.587	4.67
83)	T	tert-Butylbenzene	3.042	2.923	2.685	2.908	2.759	2.873	2.865	4.42
84)	T	1,2,4-Trimethy...	3.269	3.091	2.894	3.093	2.977	3.084	3.068	4.14
85)	T	sec-Butylbenzene	4.564	4.358	4.001	4.273	4.011	4.222	4.238	5.06
86)	T	p-Isopropyltol...	3.676	3.497	3.265	3.567	3.450	3.546	3.500	3.95
87)	T	1,3-Dichlorobe...	1.883	1.799	1.700	1.778	1.747	1.805	1.785	3.44
88)	T	1,4-Dichlorobe...	1.918	1.813	1.688	1.748	1.663	1.742	1.762	5.24
89)	T	n-Butylbenzene	3.584	3.368	3.126	3.357	3.137	3.278	3.308	5.15
90)	T	Hexachloroethane	0.737	0.674	0.610	0.664	0.634	0.661	0.664	6.48
91)	T	1,2-Dichlorobe...	1.750	1.593	1.494	1.595	1.493	1.588	1.585	5.93
92)	T	1,2-Dibromo-3-...	0.132	0.122	0.123	0.124	0.112	0.129	0.124	5.48
93)	T	1,2,4-Trichlor...	1.100	0.999	0.959	1.017	0.954	0.992	1.004	5.28
94)	T	Hexachlorobuta...	0.653	0.617	0.564	0.607	0.552	0.568	0.593	6.52
95)	T	Naphthalene	2.038	1.974	2.026	2.114	1.949	2.150	2.042	3.82
96)	T	1,2,3-Trichlor...	0.998	0.882	0.869	0.902	0.834	0.882	0.895	6.20

(#) = Out of Range