

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y030821S.M
 Title : SW846 8260
 Last Update : Mon Mar 08 12:28:55 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY004060.D 10 =VY004061.D 20 =VY004062.D 50 =VY004063.D 100 =VY004064.D 150 =VY004065.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.456	0.491	0.489	0.331	0.323	0.323	0.402	21.03
3) P	Chloromethane	0.619	0.626	0.605	0.485	0.453	0.456	0.541	15.60
4) C	Vinyl Chloride	0.648	0.674	0.665	0.554	0.540	0.545	0.604	10.61#
5) T	Bromomethane	0.444	0.431	0.416	0.347	0.335	0.345	0.386	12.72
6) T	Chloroethane	0.405	0.394	0.392	0.348	0.333	0.336	0.368	8.76
7) T	Trichlorofluor...	0.842	0.879	0.858	0.759	0.737	0.743	0.803	7.94
8) T	Diethyl Ether	0.265	0.279	0.273	0.256	0.233	0.240	0.257	7.05
9) T	1,1,2-Trichlor...	0.472	0.490	0.472	0.426	0.414	0.422	0.449	7.24
10) T	Methyl Iodide	0.399	0.448	0.492	0.463	0.470	0.483	0.459	7.27
11) T	Tert butyl alc...	0.045	0.053	0.046	0.047	0.037	0.039	0.045	13.23
12) CM	1,1-Dichloroet...	0.468	0.479	0.465	0.415	0.406	0.405	0.440	7.84#
13) T	Acrolein	0.041	0.044	0.040	0.051	0.045	0.045	0.044	9.25
14) T	Allyl chloride	0.732	0.762	0.774	0.710	0.684	0.701	0.727	4.88
15) T	Acrylonitrile	0.128	0.140	0.132	0.132	0.115	0.120	0.128	7.12
16) T	Acetone	0.110	0.126	0.119	0.129	0.113	0.118	0.119	6.16
17) T	Carbon Disulfide	1.370	1.430	1.423	1.198	1.171	1.163	1.293	9.92
18) T	Methyl Acetate	0.320	0.314	0.290	0.304	0.261	0.276	0.294	7.72
19) T	Methyl tert-bu...	1.233	1.337	1.304	1.276	1.153	1.208	1.252	5.37
20) T	Methylene Chlo...	0.819	0.666	0.586	0.482	0.449	0.449	0.575	25.61
21) T	trans-1,2-Dich...	0.516	0.520	0.520	0.475	0.462	0.470	0.494	5.54
22) T	Diisopropyl ether	1.516	1.620	1.579	1.517	1.449	1.527	1.535	3.84
23) T	Vinyl Acetate	0.950	1.079	1.054	1.026	0.945	1.008	1.010	5.36
24) P	1,1-Dichloroet...	0.869	0.896	0.884	0.833	0.805	0.826	0.852	4.22
25) T	2-Butanone	0.163	0.189	0.174	0.183	0.156	0.165	0.172	7.32
26) T	2,2-Dichloropr...	0.817	0.865	0.840	0.795	0.779	0.787	0.814	4.09
27) T	cis-1,2-Dichlo...	0.572	0.602	0.593	0.543	0.528	0.538	0.562	5.47
28) T	Bromochloromet...	0.357	0.404	0.390	0.364	0.354	0.364	0.372	5.43
29) T	Tetrahydrofuran	0.109	0.125	0.114	0.117	0.099	0.106	0.112	8.10
30) C	Chloroform	0.892	0.935	0.914	0.868	0.836	0.853	0.883	4.28#
31) T	Cyclohexane	1.033	0.960	0.897	0.789	0.752	0.762	0.866	13.42
32) T	1,1,1-Trichlor...	0.816	0.863	0.855	0.805	0.780	0.796	0.819	4.06
33) S	1,2-Dichloroet...	0.502	0.523	0.464	0.509	0.468	0.495	0.493	4.72
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.280	0.292	0.271	0.290	0.273	0.286	0.282	3.06
36) T	1,1-Dichloropr...	0.448	0.473	0.457	0.426	0.415	0.416	0.439	5.39
37) T	Ethyl Acetate	0.232	0.259	0.242	0.248	0.215	0.223	0.237	6.89
38) T	Carbon Tetrach...	0.467	0.488	0.489	0.454	0.447	0.450	0.466	4.01
39) T	Methylcyclohexane	0.592	0.607	0.593	0.545	0.532	0.535	0.567	5.91
40) TM	Benzene	1.253	1.306	1.303	1.208	1.171	1.184	1.237	4.76
41) T	Methacrylonitrile	0.173	0.150	0.145	0.145	0.130	0.136	0.147	10.17
42) TM	1,2-Dichloroet...	0.379	0.405	0.392	0.379	0.354	0.361	0.378	4.99
43) T	Isopropyl Acetate	0.467	0.512	0.492	0.495	0.433	0.449	0.475	6.36
44) TM	Trichloroethene	0.364	0.382	0.376	0.350	0.338	0.341	0.358	5.13
45) C	1,2-Dichloropr...	0.307	0.327	0.321	0.306	0.295	0.298	0.309	4.05#
46) T	Dibromomethane	0.178	0.189	0.183	0.178	0.165	0.168	0.177	4.97
47) T	Bromodichlorom...	0.443	0.460	0.456	0.441	0.419	0.427	0.441	3.59
48) T	Methyl methacr...	0.225	0.241	0.228	0.235	0.208	0.217	0.226	5.20
49) T	1,4-Dioxane	0.002	0.003	0.002	0.002	0.002	0.002	0.002	9.22
50) S	Toluene-d8	1.129	1.160	1.061	1.112	1.066	1.104	1.105	3.42
51) T	4-Methyl-2-Pen...	0.230	0.261	0.247	0.258	0.219	0.227	0.240	7.28
52) CM	Toluene	0.812	0.836	0.837	0.783	0.763	0.777	0.801	3.95#
53) T	t-1,3-Dichloro...	0.469	0.483	0.472	0.473	0.443	0.451	0.465	3.24
54) T	cis-1,3-Dichlo...	0.524	0.539	0.542	0.524	0.496	0.503	0.521	3.55
55) T	1,1,2-Trichlor...	0.247	0.271	0.256	0.253	0.230	0.234	0.248	6.08
56) T	Ethyl methacry...	0.337	0.369	0.359	0.363	0.322	0.334	0.347	5.44

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57)	T	1,3-Dichloropr...	0.421	0.454	0.443	0.433	0.397	0.404	0.425	5.21
58)	T	2-Chloroethyl ...	0.181	0.179	0.172	0.136	0.126	0.131	0.154	16.75
59)	T	2-Hexanone	0.160	0.187	0.172	0.184	0.153	0.157	0.169	8.44
60)	T	Dibromochlorom...	0.303	0.323	0.322	0.320	0.299	0.304	0.312	3.44
61)	T	1,2-Dibromoethane	0.245	0.258	0.255	0.245	0.223	0.226	0.242	5.97
62)	S	4-Bromofluorob...	0.422	0.433	0.390	0.418	0.388	0.399	0.408	4.54
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.455	0.453	0.434	0.403	0.385	0.381	0.419	7.88
65)	PM	Chlorobenzene	0.964	1.004	1.002	0.948	0.909	0.922	0.958	4.13
66)	T	1,1,1,2-Tetrac...	0.351	0.377	0.375	0.357	0.343	0.348	0.358	3.99
67)	C	Ethyl Benzene	1.777	1.832	1.825	1.710	1.690	1.720	1.759	3.47#
68)	T	m/p-Xylenes	0.664	0.704	0.698	0.655	0.646	0.657	0.671	3.61
69)	T	o-Xylene	0.630	0.667	0.658	0.625	0.606	0.620	0.634	3.70
70)	T	Styrene	1.051	1.139	1.116	1.073	1.053	1.084	1.086	3.24
71)	P	Bromoform	0.204	0.226	0.222	0.222	0.203	0.210	0.214	4.71
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.437	3.590	3.572	3.396	3.419	3.436	3.475	2.40
74)	T	N-amyl acetate	0.910	1.051	1.018	1.045	0.956	0.991	0.995	5.48
75)	P	1,1,2,2-Tetrac...	0.566	0.648	0.627	0.631	0.572	0.579	0.604	5.88
76)	T	1,2,3-Trichlor...	0.479	0.513	0.506	0.484	0.441	0.453	0.479	5.91
77)	T	Bromobenzene	0.814	0.841	0.831	0.794	0.774	0.763	0.803	3.89
78)	T	n-propylbenzene	4.081	4.235	4.216	3.996	4.039	3.996	4.094	2.61
79)	T	2-Chlorotoluene	2.311	2.359	2.373	2.244	2.252	2.251	2.298	2.51
80)	T	1,3,5-Trimethy...	2.949	3.043	3.032	2.885	2.884	2.891	2.947	2.52
81)	T	trans-1,4-Dich...	0.236	0.256	0.244	0.251	0.234	0.235	0.243	3.83
82)	T	4-Chlorotoluene	2.411	2.512	2.512	2.362	2.392	2.408	2.433	2.62
83)	T	tert-Butylbenzene	2.537	2.645	2.608	2.490	2.479	2.457	2.536	2.99
84)	T	1,2,4-Trimethy...	2.927	3.078	3.041	2.903	2.867	2.894	2.952	2.93
85)	T	sec-Butylbenzene	3.483	3.609	3.632	3.440	3.422	3.394	3.497	2.87
86)	T	p-Isopropyltol...	3.208	3.327	3.368	3.190	3.170	3.190	3.242	2.58
87)	T	1,3-Dichlorobe...	1.576	1.590	1.617	1.533	1.486	1.498	1.550	3.40
88)	T	1,4-Dichlorobe...	1.587	1.601	1.616	1.515	1.483	1.478	1.547	4.00
89)	T	n-Butylbenzene	3.108	3.197	3.217	3.038	2.972	2.978	3.085	3.46
90)	T	Hexachloroethane	0.571	0.586	0.600	0.581	0.578	0.578	0.583	1.68
91)	T	1,2-Dichlorobe...	1.361	1.429	1.442	1.374	1.313	1.328	1.375	3.80
92)	T	1,2-Dibromo-3-...	0.120	0.122	0.116	0.117	0.103	0.106	0.114	6.87
93)	T	1,2,4-Trichlor...	0.924	0.978	0.977	0.935	0.872	0.907	0.932	4.40
94)	T	Hexachlorobuta...	0.535	0.551	0.557	0.523	0.485	0.485	0.523	6.02
95)	T	Naphthalene	1.748	1.949	1.931	1.915	1.716	1.824	1.847	5.38
96)	T	1,2,3-Trichlor...	0.763	0.807	0.832	0.795	0.734	0.772	0.784	4.43

(#) = Out of Range