

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y051021S.M
 Title : SW846 8260
 Last Update : Tue May 11 04:13:44 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY004721.D 10 =VY004722.D 20 =VY004723.D 50 =VY004724.D 100 =VY004725.D 150 =VY004726.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.445	0.502	0.482	0.462	0.435	0.421	0.458	6.61
3) P	Chloromethane	0.821	0.819	0.750	0.711	0.688	0.663	0.742	9.04
4) C	Vinyl Chloride	0.790	0.943	0.743	0.733	0.686	0.660	0.759	13.29#
5) T	Bromomethane	0.429	0.424	0.386	0.383	0.357	0.344	0.387	8.84
6) T	Chloroethane	0.463	0.472	0.459	0.452	0.428	0.413	0.448	5.03
7) T	Trichlorofluor...	0.925	0.955	0.925	0.914	0.866	0.823	0.901	5.35
8) T	Diethyl Ether	0.331	0.349	0.313	0.310	0.307	0.301	0.318	5.71
9) T	1,1,2-Trichlor...	0.533	0.539	0.517	0.511	0.491	0.477	0.511	4.67
10) T	Methyl Iodide	0.538	0.548	0.541	0.564	0.549	0.540	0.547	1.75
11) T	Tert butyl alc...	0.068	0.066	0.058	0.052	0.057	0.057	0.060	10.22
12) CM	1,1-Dichloroet...	0.508	0.510	0.501	0.499	0.478	0.470	0.494	3.34#
13) T	Acrolein	0.073	0.076	0.072	0.067	0.068	0.066	0.070	5.69
14) T	Allyl chloride	0.982	0.983	0.944	0.976	0.956	0.954	0.966	1.71
15) T	Acrylonitrile	0.159	0.165	0.154	0.156	0.161	0.161	0.160	2.47
16) T	Acetone	0.141	0.136	0.133	0.128	0.132	0.131	0.134	3.40
17) T	Carbon Disulfide	1.574	1.640	1.520	1.544	1.412	1.367	1.509	6.78
18) T	Methyl Acetate	0.441	0.450	0.414	0.406	0.421	0.426	0.426	3.89
19) T	Methyl tert-bu...	1.319	1.387	1.333	1.354	1.387	1.376	1.359	2.13
20) T	Methylene Chlo...	1.471	1.237	0.692	0.625	0.567	0.549	0.857	46.13
21) T	trans-1,2-Dich...	0.551	0.578	0.560	0.575	0.556	0.549	0.562	2.17
22) T	Diisopropyl ether	1.766	1.861	1.802	1.898	1.942	1.877	1.858	3.46
23) T	Vinyl Acetate	1.278	1.408	1.368	1.423	1.467	1.426	1.395	4.70
24) P	1,1-Dichloroet...	1.053	1.067	1.023	1.058	1.043	1.029	1.045	1.66
25) T	2-Butanone	0.224	0.241	0.233	0.231	0.248	0.247	0.237	4.09
26) T	2,2-Dichloropr...	0.926	0.928	0.911	0.930	0.902	0.882	0.913	2.08
27) T	cis-1,2-Dichlo...	0.618	0.631	0.615	0.631	0.625	0.622	0.624	1.09
28) T	Bromochloromet...	0.506	0.523	0.502	0.522	0.514	0.497	0.511	2.09
29) T	Tetrahydrofuran	0.143	0.155	0.146	0.149	0.159	0.157	0.151	4.22
30) C	Chloroform	1.039	1.067	1.009	1.045	1.018	1.002	1.030	2.39#
31) T	Cyclohexane	1.112	1.002	0.933	0.945	0.903	0.884	0.963	8.65
32) T	1,1,1-Trichlor...	0.922	0.950	0.918	0.940	0.915	0.894	0.923	2.14
33) S	1,2-Dichloroet...	0.582	0.585	0.594	0.598	0.613	0.598	0.595	1.88
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.279	0.285	0.281	0.295	0.263	0.239	0.274	7.22
36) T	1,1-Dichloropr...	0.527	0.517	0.502	0.528	0.512	0.488	0.512	2.99
37) T	Ethyl Acetate	0.362	0.362	0.336	0.342	0.358	0.349	0.351	3.13
38) T	Carbon Tetrach...	0.414	0.454	0.450	0.491	0.486	0.469	0.461	6.09
39) T	Methylcyclohexane	0.527	0.553	0.551	0.595	0.571	0.556	0.559	4.08
40) TM	Benzene	1.414	1.484	1.416	1.505	1.461	1.411	1.449	2.81
41) T	Methacrylonitrile	0.183	0.195	0.182	0.212	0.193	0.186	0.192	5.92
42) TM	1,2-Dichloroet...	0.461	0.465	0.449	0.468	0.462	0.439	0.457	2.40
43) T	Isopropyl Acetate	0.600	0.667	0.632	0.664	0.685	0.663	0.652	4.70
44) TM	Trichloroethene	0.395	0.392	0.387	0.408	0.386	0.369	0.389	3.25
45) C	1,2-Dichloropr...	0.365	0.387	0.370	0.392	0.386	0.373	0.379	2.87#
46) T	Dibromomethane	0.200	0.220	0.208	0.214	0.215	0.208	0.211	3.36
47) T	Bromodichlorom...	0.478	0.508	0.497	0.516	0.510	0.490	0.500	2.81
48) T	Methyl methacr...	0.277	0.297	0.283	0.300	0.315	0.309	0.297	4.96
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.003	0.003	0.002	8.03
50) S	Toluene-d8	1.135	1.185	1.222	1.305	1.311	1.261	1.237	5.60
51) T	4-Methyl-2-Pen...	0.324	0.357	0.337	0.354	0.374	0.358	0.351	5.04
52) CM	Toluene	0.869	0.931	0.886	0.958	0.938	0.906	0.915	3.68#
53) T	t-1,3-Dichloro...	0.522	0.550	0.541	0.577	0.578	0.556	0.554	3.91
54) T	cis-1,3-Dichlo...	0.597	0.622	0.602	0.636	0.634	0.607	0.616	2.71
55) T	1,1,2-Trichlor...	0.276	0.300	0.289	0.294	0.296	0.286	0.290	2.98
56) T	Ethyl methacry...	0.369	0.395	0.402	0.438	0.461	0.451	0.419	8.61

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57)	T	1,3-Dichloropr...	0.496	0.518	0.509	0.534	0.529	0.508	0.516	2.77
58)	T	2-Chloroethyl ...	0.189	0.214	0.219	0.210	0.241	0.226	0.217	7.96
59)	T	2-Hexanone	0.209	0.235	0.231	0.244	0.260	0.247	0.238	7.24
60)	T	Dibromochlorom...	0.333	0.349	0.339	0.350	0.355	0.342	0.345	2.36
61)	T	1,2-Dibromoethane	0.267	0.282	0.273	0.291	0.289	0.276	0.280	3.39
62)	S	4-Bromofluorob...	0.392	0.406	0.403	0.436	0.443	0.423	0.417	4.79
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.455	0.471	0.447	0.468	0.445	0.425	0.452	3.69
65)	PM	Chlorobenzene	1.016	1.045	1.011	1.069	1.037	0.995	1.029	2.61
66)	T	1,1,1,2-Tetrac...	0.361	0.382	0.364	0.388	0.379	0.370	0.374	2.85
67)	C	Ethyl Benzene	1.799	1.897	1.856	2.021	1.978	1.920	1.912	4.21#
68)	T	m/p-Xylenes	0.675	0.711	0.699	0.766	0.742	0.717	0.718	4.46
69)	T	o-Xylene	0.634	0.651	0.648	0.713	0.704	0.679	0.671	4.82
70)	T	Styrene	0.986	1.091	1.102	1.215	1.197	1.163	1.126	7.51
71)	P	Bromoform	0.214	0.228	0.221	0.234	0.236	0.227	0.227	3.64
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.595	3.731	3.604	3.988	3.903	3.810	3.772	4.22
74)	T	N-amyl acetate	1.188	1.328	1.293	1.384	1.440	1.369	1.334	6.53
75)	P	1,1,2,2-Tetrac...	0.722	0.795	0.708	0.759	0.779	0.753	0.753	4.37
76)	T	1,2,3-Trichlor...	0.498	0.555	0.502	0.536	0.558	0.537	0.531	4.86
77)	T	Bromobenzene	0.857	0.873	0.820	0.868	0.862	0.829	0.852	2.55
78)	T	n-propylbenzene	4.383	4.545	4.456	4.900	4.745	4.590	4.603	4.14
79)	T	2-Chlorotoluene	2.436	2.541	2.433	2.637	2.589	2.518	2.526	3.23
80)	T	1,3,5-Trimethy...	2.958	3.090	3.058	3.345	3.228	3.117	3.133	4.34
81)	T	trans-1,4-Dich...	0.307	0.309	0.285	0.310	0.317	0.310	0.306	3.61
82)	T	4-Chlorotoluene	2.508	2.607	2.592	2.761	2.689	2.583	2.623	3.39
83)	T	tert-Butylbenzene	2.527	2.592	2.589	2.886	2.767	2.684	2.674	5.00
84)	T	1,2,4-Trimethy...	2.975	3.100	3.066	3.330	3.236	3.107	3.135	4.05
85)	T	sec-Butylbenzene	3.658	3.849	3.778	4.188	4.005	3.851	3.888	4.77
86)	T	p-Isopropyltol...	3.067	3.347	3.278	3.633	3.514	3.383	3.370	5.80
87)	T	1,3-Dichlorobe...	1.685	1.684	1.649	1.719	1.679	1.608	1.671	2.27
88)	T	1,4-Dichlorobe...	1.618	1.726	1.607	1.706	1.648	1.573	1.646	3.60
89)	T	n-Butylbenzene	3.084	3.269	3.198	3.583	3.391	3.245	3.295	5.25
90)	T	Hexachloroethane	0.426	0.467	0.455	0.506	0.500	0.494	0.475	6.49
91)	T	1,2-Dichlorobe...	1.458	1.499	1.434	1.523	1.495	1.433	1.474	2.54
92)	T	1,2-Dibromo-3-...	0.161	0.146	0.130	0.134	0.138	0.134	0.141	8.14
93)	T	1,2,4-Trichlor...	0.923	0.937	0.927	0.994	0.981	0.934	0.949	3.18
94)	T	Hexachlorobuta...	0.517	0.513	0.509	0.549	0.509	0.488	0.514	3.82
95)	T	Naphthalene	1.809	1.996	1.946	2.160	2.243	2.173	2.054	8.04
96)	T	1,2,3-Trichlor...	0.819	0.817	0.828	0.870	0.865	0.841	0.840	2.73

(#) = Out of Range