

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y062221S.M
 Title : SW846 8260
 Last Update : Wed Jun 23 07:57:52 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY005191.D 10 =VY005192.D 20 =VY005193.D 50 =VY005194.D 100 =VY005195.D 150 =VY005196.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.357	0.356	0.349	0.313	0.297	0.299	0.329	8.72
3) P	Chloromethane	0.531	0.495	0.440	0.401	0.376	0.384	0.438	14.42
4) C	Vinyl Chloride	0.557	0.549	0.511	0.488	0.450	0.448	0.501	9.44#
5) T	Bromomethane	0.366	0.355	0.313	0.298	0.282	0.291	0.318	11.06
6) T	Chloroethane	0.376	0.387	0.345	0.303	0.278	0.275	0.327	14.92
7) T	Trichlorofluor...	0.691	0.717	0.685	0.658	0.630	0.635	0.669	5.14
8) T	Diethyl Ether	0.273	0.264	0.247	0.245	0.236	0.238	0.250	5.89
9) T	1,1,2-Trichlor...	0.422	0.435	0.413	0.409	0.389	0.391	0.410	4.31
10) T	Methyl Iodide	0.612	0.612	0.576	0.576	0.554	0.569	0.583	4.07
11) T	Tert butyl alc...	0.153	0.102	0.084	0.048	0.043	0.042	0.079	55.72
12) CM	1,1-Dichloroet...	0.427	0.443	0.413	0.409	0.392	0.399	0.414	4.48#
13) T	Acrolein	0.018	0.021	0.019	0.018	0.022	0.023	0.020	10.03
14) T	Allyl chloride	0.614	0.648	0.597	0.591	0.557	0.561	0.595	5.74
15) T	Acrylonitrile	0.120	0.128	0.115	0.117	0.110	0.107	0.116	6.27
16) T	Acetone	0.113	0.104	0.092	0.095	0.090	0.081	0.096	11.96
17) T	Carbon Disulfide	1.375	1.408	1.317	1.284	1.204	1.224	1.302	6.23
18) T	Methyl Acetate	0.292	0.286	0.254	0.242	0.233	0.221	0.255	11.36
19) T	Methyl tert-bu...	1.154	1.197	1.110	1.130	1.099	1.101	1.132	3.37
20) T	Methylene Chlo...	1.102	0.857	0.691	0.513	0.460	0.446	0.678	38.50
21) T	trans-1,2-Dich...	0.476	0.484	0.459	0.457	0.438	0.452	0.461	3.62
22) T	Diisopropyl ether	1.289	1.352	1.244	1.229	1.146	1.157	1.236	6.33
23) T	Vinyl Acetate	0.803	0.869	0.805	0.811	0.762	0.750	0.800	5.27
24) P	1,1-Dichloroet...	0.806	0.811	0.769	0.762	0.720	0.734	0.767	4.81
25) T	2-Butanone	0.146	0.152	0.138	0.141	0.135	0.126	0.140	6.45
26) T	2,2-Dichloropr...	0.690	0.714	0.667	0.664	0.631	0.647	0.669	4.42
27) T	cis-1,2-Dichlo...	0.527	0.546	0.513	0.517	0.494	0.514	0.518	3.31
28) T	Bromochloromet...	0.313	0.314	0.292	0.328	0.302	0.293	0.307	4.54
29) T	Tetrahydrofuran	0.098	0.101	0.091	0.093	0.087	0.083	0.092	7.39
30) C	Chloroform	0.819	0.844	0.773	0.770	0.731	0.748	0.781	5.48#
31) T	Cyclohexane	0.851	0.804	0.737	0.718	0.667	0.668	0.741	9.97
32) T	1,1,1-Trichlor...	0.700	0.733	0.696	0.695	0.669	0.684	0.696	3.07
33) S	1,2-Dichloroet...	0.420	0.416	0.396	0.438	0.415	0.404	0.415	3.46
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.287	0.285	0.286	0.313	0.301	0.297	0.295	3.64
36) T	1,1-Dichloropr...	0.445	0.465	0.446	0.440	0.422	0.424	0.440	3.63
37) T	Ethyl Acetate	0.232	0.252	0.225	0.233	0.214	0.206	0.227	7.05
38) T	Carbon Tetrach...	0.464	0.478	0.464	0.462	0.446	0.451	0.461	2.43
39) T	Methylcyclohexane	0.555	0.583	0.569	0.583	0.560	0.568	0.570	2.05
40) TM	Benzene	1.314	1.382	1.293	1.298	1.242	1.261	1.298	3.74
41) T	Methacrylonitrile	0.137	0.124	0.113	0.135	0.125	0.122	0.126	6.95
42) TM	1,2-Dichloroet...	0.355	0.384	0.356	0.350	0.337	0.334	0.353	5.06
43) T	Isopropyl Acetate	0.434	0.454	0.406	0.420	0.404	0.387	0.417	5.70
44) TM	Trichloroethene	0.353	0.386	0.363	0.371	0.361	0.368	0.367	3.08
45) C	1,2-Dichloropr...	0.308	0.335	0.313	0.311	0.297	0.301	0.311	4.29#
46) T	Dibromomethane	0.183	0.193	0.177	0.180	0.177	0.174	0.181	3.67
47) T	Bromodichlorom...	0.424	0.451	0.418	0.426	0.408	0.415	0.424	3.51
48) T	Methyl methacr...	0.184	0.197	0.180	0.185	0.181	0.173	0.183	4.30
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	5.10
50) S	Toluene-d8	1.119	1.139	1.147	1.269	1.215	1.187	1.179	4.76
51) T	4-Methyl-2-Pen...	0.221	0.240	0.218	0.223	0.212	0.198	0.218	6.27
52) CM	Toluene	0.819	0.873	0.830	0.832	0.808	0.816	0.830	2.76#
53) T	t-1,3-Dichloro...	0.455	0.488	0.464	0.463	0.455	0.457	0.464	2.69
54) T	cis-1,3-Dichlo...	0.515	0.553	0.517	0.528	0.508	0.515	0.523	3.07
55) T	1,1,2-Trichlor...	0.265	0.282	0.262	0.263	0.255	0.255	0.264	3.72
56) T	Ethyl methacry...	0.325	0.377	0.353	0.374	0.363	0.356	0.358	5.22

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57)	T	1,3-Dichloropr...	0.440	0.473	0.443	0.445	0.426	0.423	0.442	4.03
58)	T	2-Chloroethyl ...	0.160	0.153	0.169	0.161	0.154	0.150	0.158	4.42
59)	T	2-Hexanone	0.149	0.164	0.149	0.156	0.147	0.137	0.150	6.07
60)	T	Dibromochlorom...	0.310	0.340	0.320	0.328	0.321	0.321	0.323	3.11
61)	T	1,2-Dibromoethane	0.256	0.271	0.253	0.259	0.252	0.251	0.257	2.89
62)	S	4-Bromofluorob...	0.375	0.390	0.383	0.417	0.402	0.390	0.393	3.81
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.361	0.388	0.367	0.374	0.358	0.367	0.369	2.93
65)	PM	Chlorobenzene	0.988	1.043	0.987	0.996	0.955	0.977	0.991	2.96
66)	T	1,1,1,2-Tetrac...	0.362	0.382	0.364	0.370	0.359	0.369	0.368	2.25
67)	C	Ethyl Benzene	1.668	1.780	1.700	1.729	1.662	1.714	1.709	2.54#
68)	T	m/p-Xylenes	0.656	0.715	0.683	0.695	0.668	0.690	0.685	3.00
69)	T	o-Xylene	0.617	0.673	0.644	0.662	0.637	0.658	0.648	3.08
70)	T	Styrene	1.011	1.126	1.084	1.119	1.085	1.116	1.090	3.91
71)	P	Bromoform	0.242	0.259	0.246	0.256	0.250	0.249	0.250	2.61
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.078	3.341	3.211	3.295	3.202	3.332	3.243	3.09
74)	T	N-amyl acetate	0.773	0.815	0.752	0.786	0.753	0.727	0.767	4.00
75)	P	1,1,2,2-Tetrac...	0.648	0.683	0.629	0.635	0.624	0.616	0.639	3.76
76)	T	1,2,3-Trichlor...	0.463	0.472	0.435	0.444	0.432	0.415	0.443	4.71
77)	T	Bromobenzene	0.827	0.900	0.848	0.868	0.842	0.879	0.861	3.11
78)	T	n-propylbenzene	3.702	3.984	3.823	3.888	3.711	3.837	3.824	2.81
79)	T	2-Chlorotoluene	2.096	2.258	2.145	2.177	2.097	2.171	2.157	2.80
80)	T	1,3,5-Trimethy...	2.558	2.794	2.678	2.735	2.613	2.720	2.683	3.20
81)	T	trans-1,4-Dich...	0.242	0.249	0.228	0.240	0.234	0.233	0.238	3.15
82)	T	4-Chlorotoluene	2.225	2.335	2.227	2.248	2.143	2.213	2.232	2.77
83)	T	tert-Butylbenzene	2.215	2.440	2.366	2.493	2.410	2.427	2.392	4.01
84)	T	1,2,4-Trimethy...	2.492	2.765	2.649	2.700	2.600	2.708	2.652	3.64
85)	T	sec-Butylbenzene	3.344	3.615	3.488	3.574	3.371	3.487	3.480	3.09
86)	T	p-Isopropyltol...	2.841	3.088	2.997	3.083	2.946	3.058	3.002	3.20
87)	T	1,3-Dichlorobe...	1.617	1.704	1.623	1.644	1.604	1.665	1.643	2.24
88)	T	1,4-Dichlorobe...	1.635	1.695	1.615	1.626	1.565	1.611	1.625	2.60
89)	T	n-Butylbenzene	2.555	2.735	2.644	2.695	2.548	2.647	2.637	2.83
90)	T	Hexachloroethane	0.527	0.551	0.540	0.553	0.531	0.553	0.542	2.13
91)	T	1,2-Dichlorobe...	1.440	1.541	1.437	1.459	1.412	1.449	1.456	3.03
92)	T	1,2-Dibromo-3-...	0.114	0.116	0.105	0.105	0.101	0.098	0.106	6.46
93)	T	1,2,4-Trichlor...	1.024	1.047	0.987	1.039	1.021	1.041	1.027	2.13
94)	T	Hexachlorobuta...	0.631	0.659	0.633	0.661	0.629	0.642	0.642	2.23
95)	T	Naphthalene	1.783	1.939	1.802	1.970	1.954	1.920	1.895	4.27
96)	T	1,2,3-Trichlor...	0.890	0.940	0.863	0.927	0.897	0.907	0.904	3.02

(#) = Out of Range