

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D110521S.M
 Title : SW846 8260
 Last Update : Mon Nov 08 13:56:36 2021
 Response Via : Initial Calibration

Calibration Files

10 =VD070925.D 5 =VD070924.D 20 =VD070926.D 50 =VD070927.D 100 =VD070928.D 150 =VD070929.D

Compound		10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.502	0.569	0.553	0.514	0.557	0.526	0.537	5.00
3) P	Chloromethane	0.473	0.608	0.517	0.504	0.555	0.534	0.532	8.72
4) C	Vinyl Chloride	0.454	0.548	0.489	0.508	0.556	0.533	0.515	7.57#
5) T	Bromomethane	0.287	0.372	0.270	0.299	0.340	0.318	0.314	11.86
6) T	Chloroethane	0.288	0.347	0.296	0.316	0.354	0.330	0.322	8.28
7) T	Trichlorofluor...	0.803	1.031	0.865	0.967	1.036	0.983	0.947	9.93
8) T	Diethyl Ether	0.218	0.302	0.241	0.275	0.285	0.284	0.267	11.81
9) T	1,1,2-Trichlor...	0.461	0.565	0.495	0.559	0.602	0.562	0.541	9.63
10) T	Methyl Iodide	0.332	0.387	0.449	0.612	0.729	0.666	0.529	30.57
11) T	Tert butyl alc...	0.035	0.051	0.037	0.040	0.036	0.039	0.040	14.31
12) CM	1,1-Dichloroet...	0.437	0.583	0.466	0.527	0.574	0.543	0.522	11.24#
13) T	Acrolein	0.015	0.009	0.015	0.012	0.011	0.012	0.012	17.14
14) T	Allyl chloride	0.875	1.145	1.020	1.137	1.239	1.166	1.097	11.81
15) T	Acrylonitrile	0.097	0.123	0.109	0.130	0.123	0.129	0.119	10.80
16) T	Acetone	0.101	0.180	0.106	0.159	0.140	0.176	0.144	23.64
17) T	Carbon Disulfide	1.414	1.754	1.547	1.738	1.874	1.771	1.683	10.05
18) T	Methyl Acetate	0.400	0.450	0.415	0.482	0.464	0.494	0.451	8.17
19) T	Methyl tert-bu...	1.053	1.342	1.214	1.370	1.395	1.413	1.298	10.72
20) T	Methylene Chlo...	0.662	1.436	0.631	0.612	0.641	0.611	0.765	43.01
21) T	trans-1,2-Dich...	0.502	0.639	0.533	0.606	0.657	0.609	0.591	10.30
22) T	Diisopropyl ether	1.632	2.174	1.812	2.072	2.219	2.120	2.005	11.55
23) T	Vinyl Acetate	0.730	0.936	0.851	1.021	1.043	1.060	0.940	13.76
24) P	1,1-Dichloroet...	0.938	1.242	1.017	1.168	1.279	1.201	1.141	11.79
25) T	2-Butanone	0.133	0.192	0.149	0.187	0.168	0.193	0.170	14.67
26) T	2,2-Dichloropr...	0.897	1.107	0.939	1.083	1.163	1.121	1.052	10.23
27) T	cis-1,2-Dichlo...	0.535	0.754	0.574	0.675	0.736	0.684	0.660	13.27
28) T	Bromochloromet...	0.435	0.447	0.455	0.457	0.477	0.468	0.456	3.22
29) T	Tetrahydrofuran	0.084	0.113	0.096	0.112	0.105	0.112	0.104	11.14
30) C	Chloroform	0.917	1.205	0.978	1.134	1.237	1.166	1.106	11.69#
31) T	Cyclohexane	1.084	1.473	1.092	1.176	1.237	1.145	1.201	12.04
32) T	1,1,1-Trichlor...	0.843	1.125	0.909	1.042	1.137	1.076	1.022	11.74
33) S	1,2-Dichloroet...	0.593	0.661	0.616	0.589	0.607	0.619	0.614	4.22
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.302	0.340	0.316	0.296	0.314	0.312	0.313	4.84
36) T	1,1-Dichloropr...	0.436	0.560	0.459	0.522	0.558	0.531	0.511	10.12
37) T	Ethyl Acetate	0.166	0.221	0.200	0.231	0.210	0.224	0.209	11.41
38) T	Carbon Tetrach...	0.403	0.525	0.457	0.511	0.549	0.531	0.496	11.16
39) T	Methylcyclohexane	0.574	0.720	0.612	0.665	0.701	0.663	0.656	8.32
40) TM	Benzene	1.140	1.499	1.237	1.379	1.477	1.401	1.355	10.35
41) T	Methacrylonitrile	0.118	0.155	0.132	0.134	0.139	0.144	0.137	9.08
42) TM	1,2-Dichloroet...	0.348	0.441	0.388	0.435	0.443	0.448	0.417	9.72
43) T	Isopropyl Acetate	0.376	0.489	0.415	0.468	0.450	0.482	0.447	9.74
44) TM	Trichloroethene	0.306	0.401	0.332	0.373	0.397	0.377	0.364	10.39
45) C	1,2-Dichloropr...	0.291	0.394	0.324	0.366	0.387	0.372	0.356	11.30#
46) T	Dibromomethane	0.142	0.198	0.163	0.182	0.183	0.187	0.176	11.36
47) T	Bromodichlorom...	0.398	0.516	0.430	0.492	0.527	0.519	0.481	11.13
48) T	Methyl methacr...	0.196	0.260	0.211	0.244	0.230	0.243	0.231	10.18
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	8.77
50) S	Toluene-d8	1.203	1.320	1.228	1.153	1.214	1.188	1.218	4.64
51) T	4-Methyl-2-Pen...	0.180	0.220	0.198	0.229	0.209	0.225	0.210	8.93
52) CM	Toluene	0.723	0.972	0.788	0.881	0.943	0.891	0.866	10.90#
53) T	t-1,3-Dichloro...	0.404	0.524	0.442	0.493	0.502	0.510	0.479	9.69
54) T	cis-1,3-Dichlo...	0.463	0.622	0.502	0.569	0.595	0.596	0.558	11.11
55) T	1,1,2-Trichlor...	0.194	0.255	0.209	0.238	0.239	0.246	0.230	10.24
56) T	Ethyl methacry...	0.269	0.382	0.314	0.356	0.344	0.357	0.337	11.85

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57)	T	1,3-Dichloropr...	0.353	0.464	0.392	0.445	0.446	0.452	0.425	10.15
58)	T	2-Chloroethyl ...	0.153	0.164	0.170	0.159	0.157	0.166	0.161	3.97
59)	T	2-Hexanone	0.129	0.178	0.140	0.168	0.150	0.171	0.156	12.53
60)	T	Dibromochlorom...	0.243	0.324	0.270	0.305	0.309	0.312	0.294	10.53
61)	T	1,2-Dibromoethane	0.196	0.246	0.211	0.240	0.238	0.244	0.229	9.05
62)	S	4-Bromofluorob...	0.452	0.529	0.464	0.425	0.444	0.444	0.460	7.83
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.285	0.367	0.301	0.336	0.365	0.340	0.333	9.99
65)	PM	Chlorobenzene	0.819	1.082	0.885	1.014	1.091	1.026	0.986	11.18
66)	T	1,1,1,2-Tetrac...	0.293	0.429	0.317	0.367	0.392	0.371	0.361	13.73
67)	C	Ethyl Benzene	1.633	2.159	1.713	1.930	2.074	1.925	1.906	10.63#
68)	T	m/p-Xylenes	0.599	0.789	0.639	0.713	0.773	0.716	0.705	10.52
69)	T	o-Xylene	0.573	0.758	0.612	0.686	0.733	0.688	0.675	10.45
70)	T	Styrene	0.954	1.214	1.011	1.142	1.225	1.149	1.116	9.86
71)	P	Bromoform	0.150	0.192	0.163	0.190	0.189	0.192	0.179	10.17
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.496	4.530	3.664	4.178	4.562	4.204	4.106	10.73
74)	T	N-amyl acetate	0.913	1.126	1.000	1.153	1.123	1.148	1.077	9.10
75)	P	1,1,2,2-Tetrac...	0.522	0.650	0.576	0.671	0.662	0.678	0.627	10.05
76)	T	1,2,3-Trichlor...	0.368	0.558	0.486	0.544	0.515	0.551	0.504	14.21
77)	T	Bromobenzene	0.710	0.920	0.761	0.861	0.942	0.889	0.847	10.86
78)	T	n-propylbenzene	4.282	5.520	4.518	5.091	5.589	5.088	5.015	10.47
79)	T	2-Chlorotoluene	2.416	3.163	2.567	2.901	3.235	3.000	2.880	11.34
80)	T	1,3,5-Trimethy...	2.907	3.802	3.054	3.421	3.796	3.457	3.406	10.86
81)	T	trans-1,4-Dich...	0.173	0.211	0.200	0.231	0.228	0.231	0.212	10.79
82)	T	4-Chlorotoluene	2.564	3.225	2.680	2.986	3.354	3.050	2.976	10.28
83)	T	tert-Butylbenzene	2.493	3.261	2.632	2.967	3.256	2.999	2.935	10.79
84)	T	1,2,4-Trimethy...	2.828	3.708	2.995	3.332	3.667	3.343	3.312	10.63
85)	T	sec-Butylbenzene	3.746	4.849	3.962	4.374	4.836	4.367	4.356	10.27
86)	T	p-Isopropyltol...	3.084	4.010	3.224	3.579	3.934	3.556	3.564	10.36
87)	T	1,3-Dichlorobe...	1.417	1.835	1.491	1.670	1.840	1.684	1.656	10.50
88)	T	1,4-Dichlorobe...	1.371	1.793	1.482	1.676	1.822	1.700	1.641	10.86
89)	T	n-Butylbenzene	3.037	3.859	3.215	3.541	3.929	3.537	3.520	9.91
90)	T	Hexachloroethane	0.594	0.759	0.616	0.703	0.796	0.736	0.701	11.50
91)	T	1,2-Dichlorobe...	1.195	1.534	1.289	1.457	1.578	1.488	1.423	10.51
92)	T	1,2-Dibromo-3-...	0.101	0.128	0.105	0.122	0.116	0.125	0.116	9.37
93)	T	1,2,4-Trichlor...	0.762	0.973	0.838	0.944	1.019	0.969	0.918	10.59
94)	T	Hexachlorobuta...	0.425	0.534	0.447	0.504	0.554	0.515	0.497	10.12
95)	T	Naphthalene	1.444	1.760	1.539	1.824	1.821	1.834	1.704	9.91
96)	T	1,2,3-Trichlor...	0.641	0.810	0.696	0.798	0.853	0.822	0.770	10.73

(#) = Out of Range