

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D063022S.M
 Title : SW846 8260
 Last Update : Tue Jul 05 10:05:34 2022
 Response Via : Initial Calibration

Calibration Files

10 =VD073752.D 5 =VD073751.D 20 =VD073753.D 50 =VD073754.D 100 =VD073755.D 150 =VD073756.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.360	0.374	0.348	0.249	0.246	0.274	0.308	18.91
3) P	Chloromethane	0.406	0.377	0.404	0.285	0.287	0.317	0.346	16.29
4) C	Vinyl Chloride	0.447	0.422	0.448	0.332	0.333	0.364	0.391	13.97#
5) T	Bromomethane	0.324	0.361	0.297	0.219	0.211	0.228	0.273	22.92
6) T	Chloroethane	0.328	0.299	0.318	0.246	0.249	0.266	0.284	12.54
7) T	Trichlorofluor...	0.761	0.764	0.785	0.639	0.634	0.701	0.714	9.32
8) T	Diethyl Ether	0.252	0.251	0.254	0.215	0.223	0.238	0.239	6.92
9) T	1,1,2-Trichlor...	0.512	0.520	0.516	0.418	0.417	0.458	0.474	10.35
10) T	Methyl Iodide	0.350	0.312	0.366	0.305	0.320	0.364	0.336	8.06
11) T	Tert butyl alc...	0.110	0.350	0.081	0.069	0.061	0.050	0.120	95.47
12) CM	1,1-Dichloroet...	0.472	0.465	0.438	0.348	0.341	0.372	0.406	14.63#
13) T	Acrolein	0.008	0.005	0.036	0.006	0.005	0.006	0.011	110.09
14) T	Allyl chloride	0.737	0.729	0.757	0.635	0.643	0.699	0.700	7.26
15) T	Acrylonitrile	0.129	0.136	0.134	0.121	0.127	0.134	0.130	4.32
16) T	Acetone	0.110	0.127	0.095	0.092	0.091	0.093	0.101	14.14
17) T	Carbon Disulfide	0.742	0.699	0.766	0.533	0.531	0.589	0.643	16.35
18) T	Methyl Acetate	0.561	0.590	0.376	0.257	0.279	0.297	0.393	37.36
19) T	Methyl tert-bu...	1.331	1.372	1.388	1.215	1.278	1.331	1.319	4.82
20) T	Methylene Chlo...	0.791	1.032	0.645	0.506	0.479	0.502	0.659	33.04
21) T	trans-1,2-Dich...	0.500	0.544	0.494	0.401	0.393	0.426	0.460	13.43
22) T	Diisopropyl ether	1.807	1.818	1.804	1.640	1.702	1.803	1.762	4.17
23) T	Vinyl Acetate	0.762	0.754	0.946	0.917	0.959	1.010	0.892	12.09
24) P	1,1-Dichloroet...	1.015	1.068	1.044	0.893	0.912	0.978	0.985	7.19
25) T	2-Butanone	0.171	0.188	0.163	0.153	0.158	0.166	0.167	7.37
26) T	2,2-Dichloropr...	0.956	1.012	0.937	0.843	0.822	0.891	0.910	7.87
27) T	cis-1,2-Dichlo...	0.648	0.670	0.666	0.566	0.570	0.599	0.620	7.65
28) T	Bromochloromet...	0.398	0.394	0.348	0.387	0.361	0.384	0.379	5.23
29) T	Tetrahydrofuran	0.114	0.103	0.109	0.097	0.103	0.106	0.105	5.74
30) C	Chloroform	1.058	1.088	1.108	0.961	0.992	1.059	1.044	5.42#
31) T	Cyclohexane	0.911	1.034	0.827	0.623	0.614	0.662	0.778	22.25
32) T	1,1,1-Trichlor...	0.972	0.982	0.972	0.838	0.823	0.910	0.916	7.78
33) S	1,2-Dichloroet...	0.540	0.551	0.549	0.424	0.413	0.449	0.488	13.51
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.306	0.283	0.310	0.247	0.236	0.248	0.272	11.88
36) T	1,1-Dichloropr...	0.409	0.416	0.401	0.341	0.336	0.361	0.377	9.45
37) T	Ethyl Acetate	0.209	0.199	0.199	0.193	0.194	0.199	0.199	2.88
38) T	Carbon Tetrach...	0.431	0.425	0.439	0.372	0.364	0.398	0.405	7.87
39) T	Methylcyclohexane	0.473	0.478	0.470	0.379	0.370	0.408	0.430	11.60
40) TM	Benzene	1.217	1.186	1.175	1.008	1.013	1.086	1.114	8.21
41) T	Methacrylonitrile	0.154	0.142	0.116	0.122	0.124	0.115	0.129	12.02
42) TM	1,2-Dichloroet...	0.355	0.350	0.346	0.315	0.318	0.331	0.336	5.09
43) T	Isopropyl Acetate	0.426	0.454	0.429	0.399	0.409	0.427	0.424	4.49
44) TM	Trichloroethene	0.322	0.314	0.312	0.274	0.268	0.285	0.296	7.85
45) C	1,2-Dichloropr...	0.330	0.332	0.333	0.292	0.298	0.317	0.317	5.69#
46) T	Dibromomethane	0.175	0.172	0.170	0.156	0.157	0.167	0.166	4.72
47) T	Bromodichlorom...	0.464	0.447	0.474	0.424	0.436	0.456	0.450	4.11
48) T	Methyl methacr...	0.185	0.212	0.198	0.184	0.179	0.184	0.190	6.63
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.35
50) S	Toluene-d8	1.153	1.119	1.158	0.833	0.817	0.897	0.996	16.45
51) T	4-Methyl-2-Pen...	0.213	0.217	0.217	0.206	0.215	0.226	0.216	3.01
52) CM	Toluene	0.780	0.781	0.781	0.676	0.693	0.748	0.743	6.40#
53) T	t-1,3-Dichloro...	0.455	0.457	0.465	0.409	0.427	0.439	0.442	4.83
54) T	cis-1,3-Dichlo...	0.521	0.540	0.523	0.463	0.467	0.489	0.501	6.39
55) T	1,1,2-Trichlor...	0.254	0.250	0.252	0.236	0.243	0.258	0.249	3.27
56) T	Ethyl methacry...	0.332	0.332	0.330	0.311	0.327	0.347	0.330	3.50

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57)	T	1,3-Dichloropr...	0.429	0.424	0.428	0.390	0.408	0.431	0.419	3.88
58)	T	2-Chloroethyl ...	0.149	0.155	0.122	0.124	0.123	0.128	0.134	10.94
59)	T	2-Hexanone	0.146	0.151	0.146	0.140	0.146	0.153	0.147	3.09
60)	T	Dibromochlorom...	0.304	0.306	0.306	0.286	0.296	0.314	0.302	3.25
61)	T	1,2-Dibromoethane	0.233	0.244	0.230	0.218	0.222	0.232	0.230	3.95
62)	S	4-Bromofluorob...	0.441	0.424	0.432	0.345	0.343	0.373	0.393	11.36

63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.300	0.296	0.265	0.220	0.216	0.238	0.256	14.55
65)	PM	Chlorobenzene	0.977	0.956	0.969	0.849	0.862	0.922	0.923	5.99
66)	T	1,1,1,2-Tetrac...	0.349	0.347	0.364	0.336	0.335	0.356	0.348	3.26
67)	C	Ethyl Benzene	1.789	1.773	1.765	1.571	1.569	1.702	1.695	5.96#
68)	T	m/p-Xylenes	0.693	0.669	0.674	0.590	0.598	0.644	0.645	6.56
69)	T	o-Xylene	0.652	0.673	0.645	0.590	0.595	0.632	0.631	5.20
70)	T	Styrene	1.096	1.121	1.110	1.015	1.034	1.110	1.081	4.16
71)	P	Bromoform	0.177	0.181	0.183	0.172	0.183	0.192	0.181	3.81

72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.045	3.946	3.824	3.546	3.508	3.859	3.788	5.72
74)	T	N-amyl acetate	1.081	1.082	0.988	0.976	0.996	1.048	1.029	4.63
75)	P	1,1,2,2-Tetrac...	0.745	0.809	0.756	0.720	0.723	0.776	0.755	4.46
76)	T	1,2,3-Trichlor...	0.402	0.411	0.493	0.466	0.579	0.516	0.478	13.99
77)	T	Bromobenzene	0.790	0.827	0.800	0.725	0.728	0.786	0.776	5.30
78)	T	n-propylbenzene	5.024	5.072	4.887	4.386	4.332	4.746	4.741	6.70
79)	T	2-Chlorotoluene	2.828	2.803	2.669	2.458	2.451	2.667	2.646	6.13
80)	T	1,3,5-Trimethy...	3.423	3.301	3.188	2.906	2.891	3.194	3.151	6.77
81)	T	trans-1,4-Dich...	0.258	0.233	0.249	0.245	0.246	0.255	0.248	3.65
82)	T	4-Chlorotoluene	2.886	2.878	2.815	2.529	2.568	2.786	2.744	5.69
83)	T	tert-Butylbenzene	3.136	2.774	2.869	2.584	2.561	2.804	2.788	7.54
84)	T	1,2,4-Trimethy...	3.341	3.231	3.171	2.894	2.882	3.162	3.113	5.98
85)	T	sec-Butylbenzene	4.540	4.518	4.441	3.989	4.003	4.387	4.313	5.83
86)	T	p-Isopropyltol...	3.720	3.585	3.539	3.205	3.191	3.498	3.456	6.18
87)	T	1,3-Dichlorobe...	1.718	1.678	1.657	1.520	1.512	1.620	1.617	5.25
88)	T	1,4-Dichlorobe...	1.689	1.708	1.631	1.505	1.512	1.628	1.612	5.34
89)	T	n-Butylbenzene	3.714	3.630	3.593	3.235	3.195	3.563	3.488	6.25
90)	T	Hexachloroethane	0.696	0.727	0.711	0.616	0.635	0.716	0.683	6.77
91)	T	1,2-Dichlorobe...	1.477	1.491	1.448	1.343	1.357	1.467	1.431	4.47
92)	T	1,2-Dibromo-3-...	0.121	0.153	0.132	0.109	0.113	0.118	0.124	12.81
93)	T	1,2,4-Trichlor...	0.885	0.896	0.854	0.805	0.812	0.867	0.853	4.40
94)	T	Hexachlorobuta...	0.453	0.456	0.435	0.390	0.384	0.423	0.424	7.30
95)	T	Naphthalene	1.940	1.913	1.869	1.815	1.823	1.989	1.892	3.61
96)	T	1,2,3-Trichlor...	0.783	0.753	0.740	0.700	0.710	0.767	0.742	4.35

(#) = Out of Range