

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y091922S.M
 Title : SW846 8260
 Last Update : Tue Sep 20 01:02:44 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY010547.D 10 =VY010548.D 20 =VY010549.D 50 =VY010550.D 100 =VY010551.D 150 =VY010552.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.340	0.364	0.329	0.216	0.213	0.211	0.279	26.10
3) P	Chloromethane	0.422	0.497	0.451	0.328	0.324	0.321	0.391	19.58
4) C	Vinyl Chloride	0.488	0.606	0.567	0.428	0.427	0.426	0.490	16.09#
5) T	Bromomethane	0.422	0.429	0.389	0.292	0.286	0.280	0.350	20.31
6) T	Chloroethane	0.371	0.419	0.396	0.309	0.308	0.311	0.352	14.07
7) T	Trichlorofluor...	0.671	0.762	0.733	0.582	0.593	0.601	0.657	11.75
8) T	Diethyl Ether	0.233	0.244	0.240	0.208	0.211	0.216	0.225	6.96
9) T	1,1,2-Trichlor...	0.413	0.449	0.418	0.365	0.365	0.363	0.395	9.16
10) T	Methyl Iodide	0.431	0.497	0.517	0.426	0.435	0.435	0.457	8.68
11) T	Tert butyl alc...	0.064	0.054	0.052	0.038	0.042	0.042	0.049	20.04
12) CM	1,1-Dichloroet...	0.361	0.419	0.387	0.317	0.317	0.317	0.353	12.31#
13) T	Acrolein	0.023	0.025	0.024	0.020	0.020	0.021	0.022	10.58
14) T	Allyl chloride	0.550	0.584	0.568	0.484	0.496	0.512	0.532	7.61
15) T	Acrylonitrile	0.121	0.122	0.117	0.109	0.116	0.117	0.117	4.08
16) T	Acetone	0.113	0.099	0.091	0.098	0.093	0.091	0.098	8.38
17) T	Carbon Disulfide	0.787	1.023	0.977	0.646	0.646	0.648	0.788	22.04
18) T	Methyl Acetate	0.450	0.330	0.332	0.250	0.263	0.274	0.316	23.32
19) T	Methyl tert-bu...	1.116	1.127	1.107	1.045	1.092	1.118	1.101	2.71
20) T	Methylene Chlo...	1.555	1.010	0.728	0.523	0.452	0.439	0.785	55.41
21) T	trans-1,2-Dich...	0.419	0.449	0.435	0.360	0.358	0.364	0.397	10.51
22) T	Diisopropyl ether	1.242	1.290	1.281	1.190	1.236	1.301	1.257	3.32
23) T	Vinyl Acetate	0.625	0.747	0.747	0.732	0.781	0.821	0.742	8.84
24) P	1,1-Dichloroet...	0.788	0.812	0.790	0.703	0.708	0.724	0.754	6.30
25) T	2-Butanone	0.167	0.154	0.148	0.144	0.150	0.153	0.153	5.13
26) T	2,2-Dichloropr...	0.808	0.794	0.727	0.671	0.672	0.679	0.725	8.60
27) T	cis-1,2-Dichlo...	0.500	0.533	0.530	0.462	0.466	0.478	0.495	6.35
28) T	Bromochloromet...	0.294	0.200	0.194	0.363	0.371	0.382	0.301	28.66
29) T	Tetrahydrofuran	0.093	0.097	0.094	0.087	0.095	0.096	0.094	3.76
30) C	Chloroform	0.862	0.863	0.837	0.770	0.775	0.788	0.816	5.29#
31) T	Cyclohexane	0.756	0.730	0.678	0.513	0.507	0.518	0.617	18.98
32) T	1,1,1-Trichlor...	0.742	0.791	0.751	0.687	0.688	0.697	0.726	5.86
33) S	1,2-Dichloroet...	0.485	0.453	0.429	0.487	0.500	0.515	0.478	6.56
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.280	0.362	0.361	0.299	0.304	0.308	0.319	10.69
36) T	1,1-Dichloropr...	0.360	0.399	0.379	0.328	0.334	0.333	0.356	8.22
37) T	Ethyl Acetate	0.200	0.218	0.199	0.196	0.209	0.211	0.205	4.23
38) T	Carbon Tetrach...	0.403	0.454	0.425	0.388	0.391	0.393	0.409	6.30
39) T	Methylcyclohexane	0.409	0.484	0.462	0.372	0.384	0.386	0.416	11.11
40) TM	Benzene	1.070	1.170	1.118	0.986	1.002	1.013	1.060	6.88
41) T	Methacrylonitrile	0.078	0.100	0.117	0.102	0.113	0.118	0.105	14.30
42) TM	1,2-Dichloroet...	0.325	0.350	0.339	0.308	0.316	0.321	0.326	4.73
43) T	Isopropyl Acetate	0.346	0.385	0.371	0.361	0.394	0.402	0.376	5.63
44) TM	Trichloroethene	0.310	0.333	0.320	0.282	0.286	0.289	0.303	6.84
45) C	1,2-Dichloropr...	0.283	0.289	0.280	0.259	0.264	0.269	0.274	4.29#
46) T	Dibromomethane	0.161	0.169	0.168	0.152	0.157	0.159	0.161	3.96
47) T	Bromodichlorom...	0.395	0.413	0.398	0.385	0.394	0.400	0.398	2.31
48) T	Methyl methacr...	0.154	0.162	0.162	0.162	0.175	0.181	0.166	5.84
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	2.92
50) S	Toluene-d8	1.142	0.888	0.850	1.196	1.209	1.237	1.087	15.83
51) T	4-Methyl-2-Pen...	0.197	0.214	0.205	0.206	0.225	0.227	0.213	5.57
52) CM	Toluene	0.693	0.760	0.715	0.654	0.663	0.675	0.694	5.66#
53) T	t-1,3-Dichloro...	0.391	0.412	0.406	0.384	0.404	0.416	0.402	3.07
54) T	cis-1,3-Dichlo...	0.438	0.468	0.453	0.430	0.444	0.457	0.448	3.03
55) T	1,1,2-Trichlor...	0.235	0.247	0.240	0.227	0.235	0.237	0.237	2.74
56) T	Ethyl methacry...	0.272	0.299	0.301	0.303	0.330	0.338	0.307	7.71

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57)	T	1,3-Dichloropr...	0.390	0.410	0.400	0.373	0.388	0.393	0.392	3.09
58)	T	2-Chloroethyl ...	0.146	0.124	0.123	0.171	0.179	0.186	0.155	17.94
59)	T	2-Hexanone	0.128	0.142	0.137	0.143	0.156	0.158	0.144	7.84
60)	T	Dibromochlorom...	0.284	0.294	0.286	0.282	0.293	0.299	0.290	2.34
61)	T	1,2-Dibromoethane	0.222	0.236	0.226	0.211	0.218	0.218	0.222	3.90
62)	S	4-Bromofluorob...	0.391	0.610	0.598	0.401	0.413	0.429	0.474	21.51
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.357	0.369	0.351	0.311	0.310	0.306	0.334	8.43
65)	PM	Chlorobenzene	0.902	0.922	0.890	0.818	0.823	0.834	0.865	5.21
66)	T	1,1,1,2-Tetrac...	0.336	0.353	0.332	0.333	0.330	0.338	0.337	2.54
67)	C	Ethyl Benzene	1.522	1.599	1.569	1.452	1.466	1.502	1.518	3.77#
68)	T	m/p-Xylenes	0.584	0.617	0.614	0.558	0.569	0.588	0.588	4.02
69)	T	o-Xylene	0.570	0.595	0.584	0.550	0.561	0.581	0.573	2.85
70)	T	Styrene	0.936	0.987	0.982	0.942	0.977	1.022	0.974	3.26
71)	P	Bromoform	0.201	0.213	0.209	0.202	0.213	0.217	0.209	3.06
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.080	3.294	3.195	2.957	2.954	3.060	3.090	4.34
74)	T	N-amyl acetate	0.647	0.723	0.702	0.739	0.819	0.866	0.749	10.69
75)	P	1,1,2,2-Tetrac...	0.668	0.670	0.626	0.594	0.603	0.618	0.630	5.13
76)	T	1,2,3-Trichlor...	0.551	0.575	0.439	0.421	0.439	0.439	0.477	14.08
77)	T	Bromobenzene	0.767	0.783	0.756	0.694	0.700	0.710	0.735	5.18
78)	T	n-propylbenzene	3.723	3.924	3.806	3.509	3.519	3.603	3.681	4.51
79)	T	2-Chlorotoluene	2.158	2.210	2.146	1.989	2.012	2.068	2.097	4.20
80)	T	1,3,5-Trimethy...	2.649	2.781	2.713	2.473	2.498	2.553	2.611	4.72
81)	T	trans-1,4-Dich...	0.212	0.217	0.211	0.202	0.217	0.230	0.215	4.27
82)	T	4-Chlorotoluene	2.212	2.311	2.185	2.048	2.088	2.150	2.166	4.31
83)	T	tert-Butylbenzene	2.297	2.473	2.384	2.250	2.279	2.328	2.335	3.50
84)	T	1,2,4-Trimethy...	2.605	2.742	2.694	2.467	2.506	2.549	2.594	4.15
85)	T	sec-Butylbenzene	3.424	3.633	3.488	3.292	3.319	3.363	3.420	3.70
86)	T	p-Isopropyltol...	2.800	2.949	2.898	2.780	2.840	2.881	2.858	2.22
87)	T	1,3-Dichlorobe...	1.562	1.571	1.509	1.416	1.431	1.465	1.492	4.41
88)	T	1,4-Dichlorobe...	1.576	1.553	1.489	1.406	1.407	1.431	1.477	5.05
89)	T	n-Butylbenzene	2.621	2.747	2.647	2.548	2.581	2.597	2.624	2.64
90)	T	Hexachloroethane	0.577	0.575	0.557	0.529	0.523	0.530	0.549	4.43
91)	T	1,2-Dichlorobe...	1.385	1.402	1.341	1.274	1.275	1.300	1.329	4.17
92)	T	1,2-Dibromo-3-...	0.114	0.111	0.102	0.099	0.102	0.103	0.105	5.55
93)	T	1,2,4-Trichlor...	0.836	0.816	0.789	0.818	0.795	0.810	0.811	2.08
94)	T	Hexachlorobuta...	0.551	0.514	0.493	0.490	0.457	0.453	0.493	7.45
95)	T	Naphthalene	1.551	1.623	1.566	1.670	1.693	1.701	1.634	3.95
96)	T	1,2,3-Trichlor...	0.714	0.731	0.680	0.718	0.693	0.700	0.706	2.65

(#) = Out of Range