

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y120224S.M
 Title : SW846 8260
 Last Update : Tue Dec 03 01:39:23 2024
 Response Via : Initial Calibration

Calibration Files

5 =VY020472.D 10 =VY020473.D 20 =VY020474.D 50 =VY020475.D 100 =VY020476.D 150 =VY020477.D

Compound		5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.506	0.450	0.422	0.527	0.509	0.512	0.488	8.54
3) P	Chloromethane	0.534	0.456	0.433	0.525	0.497	0.518	0.494	8.24
4) C	Vinyl Chloride	0.526	0.476	0.443	0.540	0.511	0.526	0.503	7.36#
5) T	Bromomethane	0.322	0.285	0.254	0.307	0.298	0.306	0.295	7.96
6) T	Chloroethane	0.325	0.298	0.285	0.317	0.308	0.318	0.309	4.82
7) T	Trichlorofluor...	1.019	0.919	0.858	0.971	0.929	0.962	0.943	5.77
8) T	Diethyl Ether	0.304	0.254	0.249	0.267	0.254	0.276	0.267	7.77
9) T	1,1,2-Trichlor...	0.615	0.548	0.530	0.551	0.516	0.537	0.549	6.26
10) T	Methyl Iodide	0.599	0.582	0.560	0.664	0.643	0.654	0.617	6.86
11) T	Tert butyl alc...	0.040	0.034	0.030	0.033	0.027	0.033	0.033	12.77
12) CM	1,1-Dichloroet...	0.560	0.505	0.472	0.534	0.511	0.532	0.519	5.84#
13) T	Acrolein	0.040	0.031	0.031	0.028	0.027	0.029	0.031	15.77
14) T	Allyl chloride	1.014	0.900	0.860	0.943	0.901	0.936	0.926	5.65
15) T	Acrylonitrile	0.123	0.107	0.103	0.116	0.104	0.115	0.111	7.15
16) T	Acetone	0.134	0.111	0.099	0.146	0.126	0.142	0.126	14.45
17) T	Carbon Disulfide	1.446	1.331	1.244	1.660	1.588	1.645	1.486	11.66
18) T	Methyl Acetate	0.302	0.270	0.235	0.279	0.248	0.279	0.269	9.01
19) T	Methyl tert-bu...	1.468	1.275	1.213	1.358	1.273	1.366	1.326	6.81
20) T	Methylene Chlo...	0.588	0.536	0.499	0.537	0.524	0.544	0.538	5.39
21) T	trans-1,2-Dich...	0.648	0.565	0.528	0.580	0.564	0.573	0.576	6.83
22) T	Diisopropyl ether	2.031	1.855	1.750	1.858	1.742	1.809	1.841	5.74
23) T	Vinyl Acetate	1.023	0.942	0.894	1.027	0.946	1.009	0.974	5.55
24) P	1,1-Dichloroet...	1.215	1.144	1.053	1.092	1.058	1.089	1.108	5.54
25) T	2-Butanone	0.171	0.149	0.137	0.179	0.151	0.171	0.160	10.23
26) T	2,2-Dichloropr...	1.165	1.075	0.995	1.033	0.996	1.025	1.048	6.15
27) T	cis-1,2-Dichlo...	0.723	0.677	0.644	0.675	0.648	0.672	0.673	4.20
28) T	Bromochloromet...	0.447	0.385	0.364	0.445	0.419	0.423	0.414	8.06
29) T	Tetrahydrofuran	0.102	0.089	0.081	0.098	0.083	0.094	0.091	9.33
30) C	Chloroform	1.268	1.164	1.086	1.111	1.085	1.111	1.137	6.15#
31) T	Cyclohexane	1.172	1.028	0.912	0.999	0.949	0.951	1.002	9.28
32) T	1,1,1-Trichlor...	1.217	1.120	1.030	1.084	1.055	1.066	1.095	6.09
33) S	1,2-Dichloroet...	0.582	0.471	0.439	0.557	0.491	0.511	0.509	10.49
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.352	0.296	0.275	0.346	0.308	0.311	0.315	9.38
36) T	1,1-Dichloropr...	0.563	0.539	0.501	0.550	0.516	0.521	0.532	4.36
37) T	Ethyl Acetate	0.247	0.199	0.191	0.219	0.194	0.214	0.211	9.94
38) T	Carbon Tetrach...	0.670	0.639	0.600	0.649	0.619	0.629	0.634	3.84
39) T	Methylcyclohexane	0.669	0.643	0.602	0.693	0.676	0.674	0.660	4.95
40) TM	Benzene	1.687	1.588	1.474	1.586	1.531	1.538	1.567	4.60
41) T	Methacrylonitrile	0.132	0.116	0.097	0.134	0.105	0.133	0.120	13.38
42) TM	1,2-Dichloroet...	0.436	0.414	0.381	0.428	0.397	0.415	0.412	4.89
43) T	Isopropyl Acetate	0.443	0.413	0.391	0.451	0.406	0.448	0.425	5.96
44) TM	Trichloroethene	0.409	0.387	0.373	0.388	0.379	0.381	0.386	3.24
45) C	1,2-Dichloropr...	0.414	0.371	0.354	0.360	0.348	0.353	0.367	6.68#
46) T	Dibromomethane	0.194	0.180	0.170	0.184	0.178	0.184	0.182	4.44
47) T	Bromodichlorom...	0.588	0.539	0.507	0.531	0.515	0.531	0.535	5.33
48) T	Methyl methacr...	0.195	0.191	0.179	0.211	0.199	0.215	0.198	6.77
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	12.73
50) S	Toluene-d8	1.315	1.127	1.059	1.320	1.183	1.188	1.199	8.61
51) T	4-Methyl-2-Pen...	0.222	0.206	0.190	0.225	0.199	0.218	0.210	6.68
52) CM	Toluene	1.027	0.984	0.924	0.995	0.963	0.974	0.978	3.51#
53) T	t-1,3-Dichloro...	0.503	0.463	0.445	0.496	0.477	0.497	0.480	4.75
54) T	cis-1,3-Dichlo...	0.595	0.556	0.534	0.581	0.563	0.577	0.568	3.78
55) T	1,1,2-Trichlor...	0.258	0.252	0.227	0.247	0.231	0.238	0.242	4.94
56) T	Ethyl methacry...	0.336	0.331	0.302	0.370	0.345	0.372	0.343	7.57

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57)	T	1,3-Dichloropr...	0.479	0.436	0.399	0.443	0.417	0.429	0.434	6.21
58)	T	2-Chloroethyl ...	0.157	0.127	0.145	0.199	0.167	0.169	0.160	15.30
59)	T	2-Hexanone	0.154	0.140	0.131	0.172	0.149	0.163	0.152	9.90
60)	T	Dibromochlorom...	0.371	0.336	0.311	0.346	0.323	0.337	0.337	6.02
61)	T	1,2-Dibromoethane	0.245	0.215	0.207	0.227	0.213	0.223	0.222	6.14
62)	S	4-Bromofluorob...	0.504	0.389	0.364	0.451	0.403	0.405	0.419	11.98
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.456	0.434	0.400	0.420	0.408	0.417	0.422	4.77
65)	PM	Chlorobenzene	1.336	1.297	1.200	1.233	1.213	1.240	1.253	4.20
66)	T	1,1,1,2-Tetrac...	0.491	0.448	0.433	0.434	0.425	0.436	0.444	5.40
67)	C	Ethyl Benzene	2.481	2.386	2.268	2.344	2.291	2.325	2.349	3.25#
68)	T	m/p-Xylenes	0.909	0.881	0.837	0.848	0.839	0.847	0.860	3.35
69)	T	o-Xylene	0.841	0.834	0.779	0.805	0.780	0.796	0.806	3.27
70)	T	Styrene	1.403	1.379	1.293	1.347	1.311	1.334	1.344	3.08
71)	P	Bromoform	0.248	0.224	0.211	0.230	0.213	0.230	0.226	5.93
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	5.309	4.936	4.771	4.571	4.664	4.775	4.838	5.40
74)	T	N-amyl acetate	0.965	0.902	0.860	0.994	0.934	1.034	0.948	6.67
75)	P	1,1,2,2-Tetrac...	0.794	0.697	0.662	0.685	0.644	0.692	0.696	7.52
76)	T	1,2,3-Trichlor...	0.585	0.544	0.495	0.421	0.477	0.535	0.509	11.27
77)	T	Bromobenzene	1.097	1.021	0.974	0.961	0.959	0.999	1.002	5.23
78)	T	n-propylbenzene	6.232	5.859	5.695	5.472	5.524	5.585	5.728	4.94
79)	T	2-Chlorotoluene	3.535	3.342	3.227	3.052	3.086	3.149	3.232	5.61
80)	T	1,3,5-Trimethy...	4.182	3.937	3.885	3.708	3.720	3.829	3.877	4.50
81)	T	trans-1,4-Dich...	0.267	0.239	0.235	0.252	0.236	0.262	0.248	5.62
82)	T	4-Chlorotoluene	3.614	3.421	3.256	3.136	3.140	3.223	3.298	5.65
83)	T	tert-Butylbenzene	3.827	3.546	3.522	3.310	3.401	3.425	3.505	5.12
84)	T	1,2,4-Trimethy...	4.024	3.913	3.747	3.607	3.619	3.699	3.768	4.44
85)	T	sec-Butylbenzene	5.416	5.231	5.005	4.757	4.834	4.897	5.023	5.04
86)	T	p-Isopropyltol...	4.415	4.238	4.125	3.977	4.044	4.107	4.151	3.75
87)	T	1,3-Dichlorobe...	2.129	1.990	1.872	1.846	1.850	1.905	1.932	5.69
88)	T	1,4-Dichlorobe...	2.082	1.949	1.853	1.809	1.797	1.859	1.891	5.68
89)	T	n-Butylbenzene	4.005	3.941	3.791	3.700	3.816	3.846	3.850	2.83
90)	T	Hexachloroethane	0.884	0.825	0.784	0.759	0.791	0.810	0.809	5.35
91)	T	1,2-Dichlorobe...	1.772	1.698	1.595	1.579	1.548	1.639	1.639	5.09
92)	T	1,2-Dibromo-3-...	0.112	0.106	0.096	0.108	0.099	0.111	0.105	6.38
93)	T	1,2,4-Trichlor...	0.919	0.890	0.825	0.921	0.965	1.007	0.921	6.78
94)	T	Hexachlorobuta...	0.647	0.655	0.602	0.646	0.666	0.652	0.645	3.45
95)	T	Naphthalene	1.366	1.325	1.321	1.606	1.581	1.746	1.491	11.96
96)	T	1,2,3-Trichlor...	0.715	0.722	0.666	0.759	0.782	0.818	0.743	7.27

(#) = Out of Range