

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y062122S.M
 Title : SW846 8260
 Last Update : Tue Jun 21 14:08:27 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY009250.D 10 =VY009251.D 20 =VY009252.D 50 =VY009253.D 100 =VY009254.D 150 =VY009255.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.407	0.407	0.369	0.314	0.328	0.373	0.366	10.62
3) P	Chloromethane	0.506	0.496	0.466	0.417	0.403	0.409	0.450	10.23
4) C	Vinyl Chloride	0.553	0.584	0.514	0.469	0.437	0.439	0.499	12.27#
5) T	Bromomethane	0.406	0.415	0.343	0.319	0.301	0.305	0.348	14.55
6) T	Chloroethane	0.397	0.379	0.334	0.306	0.290	0.289	0.332	13.90
7) T	Trichlorofluor...	0.858	0.856	0.778	0.712	0.725	0.827	0.793	8.13
8) T	Diethyl Ether	0.292	0.298	0.280	0.278	0.290	0.309	0.291	3.99
9) T	1,1,2-Trichlor...	0.515	0.542	0.480	0.468	0.485	0.534	0.504	6.10
10) T	Methyl Iodide	0.517	0.591	0.606	0.629	0.655	0.696	0.616	9.91
11) T	Tert butyl alc...	0.229	0.102	0.095	0.062	0.064	0.065	0.103	62.60
12) CM	1,1-Dichloroet...	0.492	0.513	0.457	0.438	0.471	0.504	0.479	6.04#
13) T	Acrolein	0.018	0.016	0.015	0.028	0.030	0.031	0.023	31.97
14) T	Allyl chloride	0.863	0.924	0.848	0.828	0.854	0.845	0.860	3.88
15) T	Acrylonitrile	0.176	0.166	0.161	0.157	0.158	0.156	0.162	4.64
16) T	Acetone	0.165	0.146	0.125	0.117	0.133	0.129	0.136	12.74
17) T	Carbon Disulfide	1.252	1.445	1.326	1.264	1.312	1.385	1.331	5.52
18) T	Methyl Acetate	0.809	0.475	0.425	0.362	0.364	0.359	0.466	37.51
19) T	Methyl tert-bu...	1.468	1.433	1.395	1.427	1.449	1.466	1.440	1.90
20) T	Methylene Chlo...	1.560	1.105	0.856	0.640	0.613	0.615	0.898	41.97
21) T	trans-1,2-Dich...	0.575	0.602	0.555	0.562	0.559	0.554	0.568	3.22
22) T	Diisopropyl ether	1.886	1.939	1.886	1.851	1.618	1.673	1.809	7.24
23) T	Vinyl Acetate	0.943	1.186	1.159	1.187	1.079	1.110	1.111	8.35
24) P	1,1-Dichloroet...	1.050	1.077	1.026	1.015	0.987	0.989	1.024	3.44
25) T	2-Butanone	0.276	0.230	0.214	0.208	0.198	0.190	0.219	14.14
26) T	2,2-Dichloropr...	1.137	1.028	0.904	0.906	0.893	0.907	0.963	10.32
27) T	cis-1,2-Dichlo...	0.688	0.688	0.651	0.673	0.647	0.647	0.666	2.96
28) T	Bromochloromet...	0.529	0.446	0.426	0.447	0.406	0.397	0.442	10.72
29) T	Tetrahydrofuran	0.153	0.147	0.144	0.138	0.126	0.126	0.139	8.00
30) C	Chloroform	1.071	1.100	1.043	1.054	1.022	1.034	1.054	2.66#
31) T	Cyclohexane	1.080	1.044	0.978	0.919	0.848	0.849	0.953	10.29
32) T	1,1,1-Trichlor...	0.892	0.959	0.900	0.910	0.915	0.945	0.920	2.85
33) S	1,2-Dichloroet...	0.634	0.565	0.567	0.518	0.495	0.515	0.549	9.19
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.334	0.317	0.339	0.326	0.308	0.319	0.324	3.53
36) T	1,1-Dichloropr...	0.491	0.514	0.503	0.490	0.475	0.484	0.493	2.86
37) T	Ethyl Acetate	0.353	0.312	0.297	0.284	0.269	0.273	0.298	10.49
38) T	Carbon Tetrach...	0.501	0.527	0.503	0.504	0.508	0.532	0.512	2.64
39) T	Methylcyclohexane	0.595	0.605	0.632	0.607	0.586	0.603	0.605	2.54
40) TM	Benzene	1.474	1.515	1.506	1.476	1.372	1.404	1.458	3.93
41) T	Methacrylonitrile	0.150	0.159	0.205	0.174	0.161	0.142	0.165	13.63
42) TM	1,2-Dichloroet...	0.427	0.429	0.428	0.412	0.398	0.416	0.418	2.90
43) T	Isopropyl Acetate	0.602	0.557	0.563	0.528	0.506	0.521	0.546	6.35
44) TM	Trichloroethene	0.418	0.423	0.414	0.409	0.392	0.406	0.411	2.63
45) C	1,2-Dichloropr...	0.391	0.396	0.387	0.382	0.346	0.351	0.376	5.73#
46) T	Dibromomethane	0.225	0.219	0.220	0.211	0.200	0.206	0.214	4.37
47) T	Bromodichlorom...	0.519	0.518	0.503	0.509	0.487	0.507	0.507	2.31
48) T	Methyl methacr...	0.245	0.245	0.250	0.234	0.231	0.232	0.239	3.37
49) T	1,4-Dioxane	0.004	0.003	0.003	0.003	0.003	0.003	0.003	11.82
50) S	Toluene-d8	1.359	1.285	1.331	1.218	1.107	1.164	1.244	7.89
51) T	4-Methyl-2-Pen...	0.311	0.302	0.300	0.272	0.255	0.263	0.284	8.22
52) CM	Toluene	0.930	0.965	0.964	0.924	0.850	0.895	0.922	4.75#
53) T	t-1,3-Dichloro...	0.537	0.519	0.539	0.533	0.505	0.532	0.527	2.46
54) T	cis-1,3-Dichlo...	0.586	0.617	0.614	0.616	0.576	0.593	0.600	2.91
55) T	1,1,2-Trichlor...	0.322	0.308	0.300	0.305	0.275	0.290	0.300	5.31
56) T	Ethyl methacry...	0.380	0.386	0.409	0.408	0.390	0.408	0.397	3.27

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57)	T	1,3-Dichloropr...	0.541	0.539	0.524	0.509	0.475	0.491	0.513	5.20
58)	T	2-Chloroethyl ...	0.198	0.165	0.177	0.172	0.154	0.155	0.170	9.75
59)	T	2-Hexanone	0.201	0.201	0.203	0.187	0.179	0.182	0.192	5.63
60)	T	Dibromochlorom...	0.368	0.366	0.380	0.368	0.350	0.362	0.366	2.62
61)	T	1,2-Dibromoethane	0.300	0.302	0.305	0.286	0.276	0.284	0.292	3.98
62)	S	4-Bromofluorob...	0.468	0.454	0.478	0.418	0.394	0.411	0.437	7.80
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.524	0.500	0.498	0.475	0.453	0.443	0.482	6.38
65)	PM	Chlorobenzene	1.187	1.153	1.142	1.096	1.081	1.099	1.126	3.62
66)	T	1,1,1,2-Tetrac...	0.427	0.417	0.414	0.404	0.402	0.407	0.412	2.31
67)	C	Ethyl Benzene	1.947	1.987	2.024	1.923	1.894	1.939	1.952	2.38#
68)	T	m/p-Xylenes	0.756	0.797	0.795	0.750	0.738	0.760	0.766	3.15
69)	T	o-Xylene	0.699	0.741	0.749	0.728	0.720	0.734	0.728	2.41
70)	T	Styrene	1.141	1.220	1.239	1.198	1.203	1.246	1.208	3.14
71)	P	Bromoform	0.245	0.256	0.255	0.251	0.255	0.264	0.255	2.41
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.739	3.904	4.010	3.958	3.842	4.083	3.923	3.12
74)	T	N-amyl acetate	1.041	1.039	1.060	1.013	1.038	1.097	1.048	2.70
75)	P	1,1,2,2-Tetrac...	0.775	0.777	0.732	0.735	0.713	0.747	0.746	3.36
76)	T	1,2,3-Trichlor...	0.660	0.596	0.592	0.563	0.547	0.558	0.586	7.04
77)	T	Bromobenzene	0.998	0.955	0.955	0.948	0.913	0.949	0.953	2.83
78)	T	n-propylbenzene	4.555	4.759	4.904	4.761	4.589	4.790	4.726	2.78
79)	T	2-Chlorotoluene	2.599	2.668	2.732	2.676	2.580	2.718	2.662	2.32
80)	T	1,3,5-Trimethy...	3.083	3.283	3.387	3.254	3.192	3.340	3.256	3.33
81)	T	trans-1,4-Dich...	0.286	0.269	0.269	0.275	0.273	0.288	0.276	3.04
82)	T	4-Chlorotoluene	2.734	2.832	2.856	2.747	2.690	2.801	2.777	2.29
83)	T	tert-Butylbenzene	2.620	2.837	2.919	2.869	2.818	2.978	2.840	4.32
84)	T	1,2,4-Trimethy...	3.014	3.224	3.260	3.232	3.142	3.275	3.191	3.08
85)	T	sec-Butylbenzene	4.009	4.299	4.453	4.246	4.165	4.336	4.251	3.58
86)	T	p-Isopropyltol...	3.357	3.513	3.683	3.548	3.498	3.602	3.533	3.11
87)	T	1,3-Dichlorobe...	1.872	1.931	1.869	1.795	1.772	1.810	1.842	3.24
88)	T	1,4-Dichlorobe...	1.924	1.915	1.843	1.805	1.766	1.835	1.848	3.34
89)	T	n-Butylbenzene	3.117	3.341	3.427	3.279	3.227	3.352	3.291	3.30
90)	T	Hexachloroethane	0.632	0.681	0.699	0.680	0.650	0.679	0.670	3.63
91)	T	1,2-Dichlorobe...	1.672	1.708	1.662	1.634	1.591	1.660	1.655	2.36
92)	T	1,2-Dibromo-3-...	0.154	0.131	0.127	0.125	0.127	0.133	0.133	7.88
93)	T	1,2,4-Trichlor...	1.009	0.972	1.013	1.038	1.000	1.043	1.012	2.57
94)	T	Hexachlorobuta...	0.537	0.555	0.570	0.556	0.527	0.522	0.545	3.42
95)	T	Naphthalene	1.772	1.856	2.021	2.138	2.129	2.270	2.031	9.24
96)	T	1,2,3-Trichlor...	0.844	0.812	0.878	0.872	0.876	0.910	0.865	3.85

(#) = Out of Range