

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y081022S.M
 Title : SW846 8260
 Last Update : Wed Aug 10 17:37:28 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY009950.D 10 =VY009951.D 20 =VY009952.D 50 =VY009953.D 75 =VY009954.D 100 =VY009955.D

	Compound	5	10	20	50	75	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.446	0.522	0.499	0.366	0.384	0.386	0.434	15.12
3) P	Chloromethane	0.492	0.517	0.490	0.396	0.398	0.365	0.443	14.48
4) C	Vinyl Chloride	0.525	0.517	0.508	0.430	0.419	0.395	0.466	12.30#
5) T	Bromomethane	0.436	0.396	0.335	0.312	0.308	0.270	0.343	18.02
6) T	Chloroethane	0.368	0.320	0.358	0.313	0.271		0.326	11.83
7) T	Trichlorofluor...	1.080	1.034	0.985	0.853	0.872	0.895	0.953	9.82
8) T	Diethyl Ether	0.393	0.375	0.361	0.326	0.350	0.347	0.359	6.58
9) T	1,1,2-Trichlor...	0.626	0.615	0.604	0.545	0.543	0.555	0.581	6.47
10) T	Methyl Iodide	0.593	0.675	0.687	0.665	0.704	0.697	0.670	6.01
11) T	Tert butyl alc...	0.050	0.050	0.050	0.045	0.048	0.051	0.049	4.32
12) CM	1,1-Dichloroet...	0.604	0.578	0.578	0.533	0.563	0.545	0.567	4.45#
13) T	Acrolein	0.084	0.072	0.068	0.076	0.075	0.078	0.075	6.95
14) T	Allyl chloride	1.032	0.948	0.931	0.906	0.956	0.945	0.953	4.46
15) T	Acrylonitrile	0.184	0.179	0.175	0.167	0.176	0.173	0.176	3.17
16) T	Acetone	0.140	0.128	0.127	0.113	0.120	0.126	0.126	7.24
17) T	Carbon Disulfide	1.889	1.987	1.924	1.737	1.818	1.747	1.850	5.42
18) T	Methyl Acetate	0.643	0.461	0.439	0.404	0.423	0.424	0.466	19.08
19) T	Methyl tert-bu...	1.406	1.396	1.426	1.412	1.523	1.480	1.441	3.49
20) T	Methylene Chlo...	1.035	0.870	0.744	0.627	0.664	0.624	0.761	21.47
21) T	trans-1,2-Dich...	0.643	0.645	0.642	0.610	0.648	0.620	0.635	2.44
22) T	Diisopropyl ether	1.843	1.949	2.006	1.936	2.009	1.866	1.935	3.58
23) T	Vinyl Acetate	1.039	1.194	1.228	1.229	1.286	1.223	1.200	7.03
24) P	1,1-Dichloroet...	1.165	1.115	1.101	1.038	1.106	1.045	1.095	4.31
25) T	2-Butanone	0.217	0.223	0.219	0.205	0.215	0.213	0.215	2.85
26) T	2,2-Dichloropr...	0.890	0.863	0.878	0.823	0.896	0.836	0.864	3.40
27) T	cis-1,2-Dichlo...	0.683	0.695	0.686	0.685	0.706	0.683	0.690	1.32
28) T	Bromochloromet...	0.479	0.487	0.461	0.467	0.466	0.444	0.467	3.19
29) T	Tetrahydrofuran	0.142	0.150	0.153	0.144	0.151	0.148	0.148	2.83
30) C	Chloroform	1.140	1.112	1.094	1.040	1.099	1.041	1.088	3.64#
31) T	Cyclohexane	1.175	1.090	1.087	1.027	1.041	1.004	1.071	5.74
32) T	1,1,1-Trichlor...	0.921	0.938	0.918	0.883	0.927	0.886	0.912	2.48
33) S	1,2-Dichloroet...	0.622	0.554	0.534	0.374	0.373	0.369	0.471	23.85
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.325	0.325	0.314	0.259	0.248	0.255	0.288	12.94
36) T	1,1-Dichloropr...	0.482	0.511	0.519	0.504	0.499	0.491	0.501	2.69
37) T	Ethyl Acetate	0.283	0.305	0.292	0.290	0.296	0.290	0.293	2.52
38) T	Carbon Tetrach...	0.468	0.495	0.487	0.477	0.474	0.477	0.480	2.04
39) T	Methylcyclohexane	0.561	0.579	0.614	0.623	0.615	0.622	0.602	4.29
40) TM	Benzene	1.519	1.532	1.536	1.507	1.514	1.470	1.513	1.57
41) T	Methacrylonitrile	0.147	0.139	0.136	0.161	0.191	0.142	0.153	13.62
42) TM	1,2-Dichloroet...	0.402	0.402	0.399	0.392	0.394	0.390	0.396	1.42
43) T	Isopropyl Acetate	0.505	0.523	0.525	0.518	0.534	0.537	0.524	2.19
44) TM	Trichloroethene	0.388	0.391	0.381	0.385	0.390	0.387	0.387	0.92
45) C	1,2-Dichloropr...	0.358	0.390	0.384	0.378	0.378	0.371	0.377	2.93#
46) T	Dibromomethane	0.219	0.215	0.214	0.213	0.213	0.209	0.214	1.58
47) T	Bromodichlorom...	0.499	0.472	0.482	0.474	0.487	0.479	0.482	2.08
48) T	Methyl methacr...	0.223	0.234	0.226	0.227	0.243	0.239	0.232	3.47
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.003	0.002	14.58
50) S	Toluene-d8	1.267	1.212	1.252	0.814	0.784	0.796	1.021	23.99
51) T	4-Methyl-2-Pen...	0.254	0.281	0.292	0.289	0.292	0.289	0.283	5.19
52) CM	Toluene	0.889	0.941	0.954	0.937	0.943	0.911	0.929	2.62#
53) T	t-1,3-Dichloro...	0.473	0.480	0.488	0.506	0.521	0.509	0.496	3.76
54) T	cis-1,3-Dichlo...	0.559	0.578	0.569	0.588	0.597	0.592	0.580	2.54
55) T	1,1,2-Trichlor...	0.337	0.306	0.313	0.297	0.306	0.299	0.310	4.72
56) T	Ethyl methacry...	0.311	0.338	0.379	0.410	0.429	0.424	0.382	12.71

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57)	T	1,3-Dichloropr...	0.552	0.502	0.514	0.501	0.513	0.509	0.515	3.64
58)	T	2-Chloroethyl ...	0.172	0.187	0.202	0.211	0.212	0.209	0.199	8.02
59)	T	2-Hexanone	0.183	0.186	0.199	0.198	0.199	0.203	0.195	4.10
60)	T	Dibromochlorom...	0.374	0.335	0.346	0.340	0.348	0.342	0.347	3.92
61)	T	1,2-Dibromoethane	0.304	0.288	0.275	0.279	0.291	0.287	0.287	3.51
62)	S	4-Bromofluorob...	0.431	0.415	0.404	0.408	0.380	0.389	0.404	4.51
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.404	0.397	0.374	0.399	0.392	0.382	0.391	2.98
65)	PM	Chlorobenzene	1.103	1.112	1.087	1.064	1.096	1.064	1.088	1.84
66)	T	1,1,1,2-Tetrac...	0.368	0.409	0.387	0.398	0.391	0.371	0.387	4.12
67)	C	Ethyl Benzene	1.747	1.875	1.860	2.029	1.945	1.899	1.892	4.95#
68)	T	m/p-Xylenes	0.647	0.747	0.689	0.813	0.775	0.727	0.733	8.12
69)	T	o-Xylene	0.619	0.658	0.631	0.755	0.730	0.691	0.680	7.99
70)	T	Styrene	0.971	1.090	1.074	1.306	1.248	1.187	1.146	10.82
71)	P	Bromoform	0.214	0.225	0.227	0.242	0.241	0.231	0.230	4.51
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.279	3.470	3.508	3.823	3.677	3.725	3.580	5.55
74)	T	N-amyl acetate	0.908	1.000	1.135	1.133	1.156	1.143	1.079	9.40
75)	P	1,1,2,2-Tetrac...	0.794	0.834	0.801	0.792	0.787	0.792	0.800	2.16
76)	T	1,2,3-Trichlor...	0.445	0.560	0.543	0.545	0.549	0.562	0.534	8.29
77)	T	Bromobenzene	0.824	0.855	0.864	0.873	0.871	0.856	0.857	2.05
78)	T	n-propylbenzene	4.230	4.436	4.569	4.849	4.732	4.723	4.590	4.96
79)	T	2-Chlorotoluene	2.448	2.598	2.550	2.690	2.628	2.661	2.596	3.36
80)	T	1,3,5-Trimethy...	2.648	2.945	3.038	3.253	3.086	3.119	3.015	6.84
81)	T	trans-1,4-Dich...	0.236	0.277	0.259	0.288	0.292	0.293	0.274	8.24
82)	T	4-Chlorotoluene	2.628	2.704	2.681	2.774	2.696	2.751	2.705	1.92
83)	T	tert-Butylbenzene	2.319	2.320	2.638	2.707	2.677	2.711	2.562	7.41
84)	T	1,2,4-Trimethy...	2.621	2.858	3.000	3.053	3.043	3.063	2.940	5.90
85)	T	sec-Butylbenzene	3.650	3.843	3.946	4.148	4.183	4.095	3.978	5.17
86)	T	p-Isopropyltol...	2.821	3.051	3.174	3.400	3.367	3.343	3.193	7.06
87)	T	1,3-Dichlorobe...	1.764	1.744	1.710	1.725	1.726	1.675	1.724	1.77
88)	T	1,4-Dichlorobe...	1.828	1.798	1.748	1.726	1.743	1.709	1.759	2.57
89)	T	n-Butylbenzene	2.829	3.007	3.287	3.315	3.238	3.307	3.164	6.33
90)	T	Hexachloroethane	0.656	0.663	0.689	0.681	0.647	0.668	0.667	2.33
91)	T	1,2-Dichlorobe...	1.587	1.597	1.632	1.537	1.534	1.552	1.573	2.48
92)	T	1,2-Dibromo-3-...	0.120	0.125	0.124	0.116	0.120	0.127	0.122	3.30
93)	T	1,2,4-Trichlor...	0.797	0.833	0.839	0.887	0.872	0.929	0.860	5.40
94)	T	Hexachlorobuta...	0.518	0.492	0.488	0.467	0.468	0.479	0.485	3.90
95)	T	Naphthalene	1.568	1.584	1.702	1.910	2.025	2.192	1.830	13.84
96)	T	1,2,3-Trichlor...	0.739	0.731	0.767	0.765	0.791	0.844	0.773	5.31

(#) = Out of Range