

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y081222S.M
 Title : SW846 8260
 Last Update : Sat Aug 13 02:54:57 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY009983.D 10 =VY009984.D 20 =VY009985.D 50 =VY009986.D 75 =VY009987.D 100 =VY009988.D

	Compound	5	10	20	50	75	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.533	0.455	0.518	0.414	0.369	0.403	0.449	14.67
3) P	Chloromethane	0.332	0.317	0.343	0.326	0.331	0.329	0.330	2.54
4) C	Vinyl Chloride	0.336	0.352	0.356	0.342	0.349	0.349	0.347	2.16#
5) T	Bromomethane	0.368	0.320	0.256	0.242	0.239	0.236	0.277	19.72
6) T	Chloroethane	0.274	0.260	0.218	0.211	0.206	0.208	0.230	12.93
7) T	Trichlorofluor...	0.991	0.903	0.843	0.813	0.803	0.810	0.861	8.60
8) T	Diethyl Ether	0.341	0.343	0.321	0.317	0.312	0.310	0.324	4.46
9) T	1,1,2-Trichlor...	0.592	0.581	0.541	0.536	0.531	0.537	0.553	4.73
10) T	Methyl Iodide	0.597	0.635	0.651	0.695	0.692	0.699	0.662	6.20
11) T	Tert butyl alc...	0.079	0.051	0.056	0.051	0.048	0.048	0.056	21.39
12) CM	1,1-Dichloroet...	0.566	0.560	0.531	0.522	0.520	0.523	0.537	3.88#
13) T	Acrolein	0.073	0.072	0.063	0.064	0.060	0.059	0.065	9.18
14) T	Allyl chloride	0.863	0.774	0.685	0.720	0.731	0.720	0.749	8.38
15) T	Acrylonitrile	0.165	0.171	0.147	0.155	0.151	0.142	0.155	7.20
16) T	Acetone	0.152	0.127	0.108	0.128	0.113	0.102	0.122	14.88
17) T	Carbon Disulfide	1.787	1.909	1.752	1.700	1.674	1.663	1.747	5.27
18) T	Methyl Acetate	0.561	0.411	0.329	0.345	0.333	0.322	0.384	24.23
19) T	Methyl tert-bu...	1.293	1.259	1.281	1.356	1.346	1.336	1.312	3.00
20) T	Methylene Chlo...	1.400	0.821	0.775	0.655	0.603	0.598	0.809	37.57
21) T	trans-1,2-Dich...	0.620	0.623	0.583	0.588	0.589	0.577	0.597	3.31
22) T	Diisopropyl ether	1.604	1.660	1.449	1.485	1.502	1.380	1.513	6.77
23) T	Vinyl Acetate	0.863	0.994	0.899	0.969	0.978	0.907	0.935	5.60
24) P	1,1-Dichloroet...	1.073	1.017	0.921	0.940	0.939	0.903	0.966	6.78
25) T	2-Butanone	0.235	0.200	0.171	0.186	0.180	0.162	0.189	13.69
26) T	2,2-Dichloropr...	1.013	0.875	0.831	0.825	0.797	0.795	0.856	9.62
27) T	cis-1,2-Dichlo...	0.652	0.646	0.637	0.644	0.642	0.625	0.641	1.45
28) T	Bromochloromet...	0.427	0.418	0.350	0.386	0.385	0.349	0.386	8.48
29) T	Tetrahydrofuran	0.129	0.128	0.112	0.119	0.121	0.109	0.119	6.70
30) C	Chloroform	1.027	1.051	0.986	0.990	0.968	0.970	0.999	3.33#
31) T	Cyclohexane	1.061	0.935	0.867	0.856	0.875	0.852	0.908	8.90
32) T	1,1,1-Trichlor...	0.851	0.842	0.851	0.851	0.837	0.858	0.849	0.89
33) S	1,2-Dichloroet...	0.546	0.516	0.505	0.504	0.485	0.487	0.507	4.42
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.303	0.297	0.309	0.321	0.301	0.305	0.306	2.80
36) T	1,1-Dichloropr...	0.464	0.443	0.465	0.459	0.447	0.458	0.456	1.95
37) T	Ethyl Acetate	0.267	0.271	0.233	0.245	0.239	0.220	0.246	8.09
38) T	Carbon Tetrach...	0.411	0.443	0.477	0.467	0.450	0.481	0.455	5.74
39) T	Methylcyclohexane	0.489	0.538	0.544	0.573	0.566	0.581	0.549	6.12
40) TM	Benzene	1.366	1.441	1.393	1.396	1.344	1.335	1.379	2.82
41) T	Methacrylonitrile	0.147	0.122	0.120	0.132	0.133	0.130	0.131	7.47
42) TM	1,2-Dichloroet...	0.351	0.367	0.354	0.367	0.349	0.355	0.357	2.21
43) T	Isopropyl Acetate	0.446	0.437	0.399	0.434	0.433	0.413	0.427	4.08
44) TM	Trichloroethene	0.368	0.371	0.370	0.385	0.367	0.380	0.373	1.97
45) C	1,2-Dichloropr...	0.337	0.351	0.327	0.331	0.325	0.315	0.331	3.68#
46) T	Dibromomethane	0.190	0.206	0.203	0.206	0.195	0.195	0.199	3.29
47) T	Bromodichlorom...	0.418	0.447	0.442	0.459	0.442	0.449	0.443	3.04
48) T	Methyl methacr...	0.186	0.178	0.178	0.193	0.194	0.194	0.187	4.08
49) T	1,4-Dioxane	0.001	0.002	0.002	0.003	0.003	0.002	0.002	20.64
50) S	Toluene-d8	1.094	1.172	1.199	1.233	1.155	1.182	1.173	3.99
51) T	4-Methyl-2-Pen...	0.222	0.245	0.221	0.242	0.234	0.226	0.231	4.49
52) CM	Toluene	0.753	0.845	0.839	0.872	0.829	0.846	0.830	4.86#
53) T	t-1,3-Dichloro...	0.424	0.441	0.447	0.478	0.466	0.474	0.455	4.62
54) T	cis-1,3-Dichlo...	0.476	0.521	0.525	0.554	0.537	0.544	0.526	5.15
55) T	1,1,2-Trichlor...	0.269	0.297	0.292	0.293	0.277	0.280	0.285	3.80
56) T	Ethyl methacry...	0.285	0.326	0.345	0.392	0.381	0.385	0.352	11.88

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57)	T	1,3-Dichloropr...	0.436	0.474	0.461	0.480	0.457	0.466	0.462	3.27
58)	T	2-Chloroethyl ...	0.151	0.169	0.179	0.148	0.139	0.140	0.154	10.50
59)	T	2-Hexanone	0.144	0.162	0.152	0.173	0.167	0.161	0.160	6.58
60)	T	Dibromochlorom...	0.292	0.316	0.334	0.347	0.329	0.334	0.325	5.91
61)	T	1,2-Dibromoethane	0.261	0.269	0.276	0.284	0.272	0.275	0.273	2.83
62)	S	4-Bromofluorob...	0.445	0.441	0.417	0.442	0.416	0.417	0.430	3.34
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.357	0.331	0.380	0.378	0.371	0.375	0.365	5.11
65)	PM	Chlorobenzene	1.009	1.035	1.014	1.025	1.001	1.006	1.015	1.25
66)	T	1,1,1,2-Tetrac...	0.339	0.371	0.369	0.373	0.360	0.356	0.362	3.52
67)	C	Ethyl Benzene	1.557	1.677	1.707	1.780	1.756	1.761	1.706	4.83#
68)	T	m/p-Xylenes	0.580	0.661	0.682	0.694	0.675	0.671	0.661	6.23
69)	T	o-Xylene	0.632	0.589	0.615	0.647	0.638	0.637	0.626	3.37
70)	T	Styrene	1.011	1.027	1.064	1.119	1.099	1.084	1.067	3.93
71)	P	Bromoform	0.242	0.223	0.221	0.233	0.225	0.226	0.228	3.38
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.068	3.223	3.324	3.490	3.436	3.593	3.356	5.69
74)	T	N-amyl acetate	0.783	0.835	0.791	0.901	0.914	0.926	0.858	7.40
75)	P	1,1,2,2-Tetrac...	0.834	0.808	0.771	0.772	0.728	0.734	0.775	5.32
76)	T	1,2,3-Trichlor...	0.582	0.622	0.616	0.533	0.500	0.614	0.578	8.74
77)	T	Bromobenzene	0.784	0.782	0.825	0.832	0.806	0.842	0.812	3.10
78)	T	n-propylbenzene	3.839	4.047	4.254	4.370	4.289	4.471	4.212	5.48
79)	T	2-Chlorotoluene	2.030	2.344	2.451	2.507	2.462	2.560	2.392	8.01
80)	T	1,3,5-Trimethy...	2.118	2.588	2.871	2.964	2.900	3.010	2.742	12.37
81)	T	trans-1,4-Dich...	0.237	0.278	0.262	0.276	0.269	0.273	0.266	5.71
82)	T	4-Chlorotoluene	2.051	2.496	2.595	2.605	2.555	2.651	2.492	8.91
83)	T	tert-Butylbenzene	1.931	2.354	2.418	2.589	2.533	2.635	2.410	10.67
84)	T	1,2,4-Trimethy...	2.110	2.774	2.882	2.938	2.848	2.968	2.753	11.71
85)	T	sec-Butylbenzene	3.182	3.727	3.730	3.822	3.760	3.932	3.692	7.08
86)	T	p-Isopropyltol...	2.242	2.867	3.012	3.134	3.051	3.180	2.915	11.90
87)	T	1,3-Dichlorobe...	1.390	1.724	1.675	1.633	1.567	1.612	1.600	7.25
88)	T	1,4-Dichlorobe...	1.711	1.676	1.674	1.657	1.609	1.653	1.664	2.02
89)	T	n-Butylbenzene	2.301	2.572	2.884	3.030	2.983	3.114	2.814	11.16
90)	T	Hexachloroethane	0.575	0.612	0.643	0.642	0.626	0.652	0.625	4.52
91)	T	1,2-Dichlorobe...	1.276	1.409	1.503	1.516	1.443	1.489	1.439	6.22
92)	T	1,2-Dibromo-3-...	0.130	0.127	0.119	0.126	0.121	0.123	0.124	3.30
93)	T	1,2,4-Trichlor...	0.630	0.823	0.793	0.883	0.875	0.909	0.819	12.39
94)	T	Hexachlorobuta...	0.403	0.503	0.468	0.464	0.458	0.479	0.462	7.18
95)	T	Naphthalene	1.207	1.602	1.605	1.980	1.992	2.058	1.741	18.93
96)	T	1,2,3-Trichlor...	0.566	0.744	0.703	0.790	0.785	0.806	0.732	12.23

(#) = Out of Range