

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y042123S.M
 Title : SW846 8260
 Last Update : Sat Apr 22 01:22:23 2023
 Response Via : Initial Calibration

Calibration Files

5 =VY013383.D 10 =VY013384.D 20 =VY013385.D 50 =VY013386.D 100 =VY013387.D

Compound		5	10	20	50	100	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.449	0.526	0.524	0.510	0.530	0.508	6.64
3) P	Chloromethane	0.498	0.564	0.604	0.568	0.557	0.558	6.87
4) C	Vinyl Chloride	0.441	0.517	0.558	0.557	0.560	0.526	9.72#
5) T	Bromomethane	0.376	0.362	0.373	0.347	0.333	0.358	5.02
6) T	Chloroethane	0.286	0.316	0.350	0.321	0.311	0.317	7.25
7) T	Trichlorofluorom...	0.805	0.860	0.934	0.911	0.931	0.888	6.21
8) T	Diethyl Ether	0.281	0.329	0.337	0.320	0.291	0.312	7.84
9) T	1,1,2-Trichlorot...	0.495	0.517	0.537	0.494	0.496	0.508	3.71
10) T	Methyl Iodide	0.580	0.648	0.714	0.719	0.725	0.677	9.25
11) T	Tert butyl alcohol	0.069	0.063	0.062	0.059	0.045	0.060	15.30
12) CM	1,1-Dichloroethene	0.481	0.500	0.524	0.498	0.485	0.497	3.36#
13) T	Acrolein	0.064	0.065	0.065	0.048	0.038	0.056	22.61
14) T	Allyl chloride	0.865	0.874	0.878	0.813	0.784	0.843	4.97
15) T	Acrylonitrile	0.186	0.183	0.187	0.168	0.142	0.173	10.98
16) T	Acetone	0.217	0.200	0.190	0.284	0.180	0.214	19.22
17) T	Carbon Disulfide	1.510	1.661	1.732	1.590	1.575	1.614	5.26
18) T	Methyl Acetate	0.762	0.696	0.679	0.614	0.524	0.655	13.76
19) T	Methyl tert-buty...	1.324	1.387	1.496	1.453	1.355	1.403	5.04
20) T	Methylene Chloride	1.571	1.085	0.887	0.613	0.544	0.940	44.05
21) T	trans-1,2-Dichlo...	0.553	0.562	0.587	0.542	0.533	0.555	3.75
22) T	Diisopropyl ether	1.590	1.704	1.577	1.577	1.466	1.583	5.33
23) T	Vinyl Acetate	1.017	1.075	1.020	1.019	0.924	1.011	5.40
24) P	1,1-Dichloroethane	0.998	1.006	0.979	0.929	0.891	0.960	5.10
25) T	2-Butanone	0.262	0.260	0.211	0.296	0.207	0.247	15.31
26) T	2,2-Dichloropropane	0.819	0.812	0.787	0.847	0.848	0.823	3.12
27) T	cis-1,2-Dichloro...	0.574	0.601	0.568	0.606	0.589	0.587	2.77
28) T	Bromochloromethane	0.372	0.360	0.285	0.303	0.281	0.320	13.40
29) T	Tetrahydrofuran	0.166	0.164	0.129	0.152	0.122	0.146	13.84
30) C	Chloroform	1.039	1.035	0.942	1.016	0.933	0.993	5.20#
31) T	Cyclohexane	0.966	0.892	0.737	0.788	0.773	0.831	11.41
32) T	1,1,1-Trichloroe...	0.860	0.885	0.875	0.896	0.882	0.880	1.52
33) S	1,2-Dichloroetha...	0.575	0.566	0.530	0.500	0.450	0.524	9.71

34) I	1,4-Difluorobenzene	-----ISTD-----						
35) S	Dibromofluoromet...	0.308	0.328	0.332	0.308	0.288	0.313	5.70
36) T	1,1-Dichloropropene	0.440	0.494	0.475	0.490	0.477	0.475	4.49
37) T	Ethyl Acetate	0.408	0.365	0.346	0.349	0.311	0.356	9.89
38) T	Carbon Tetrachlo...	0.510	0.533	0.588	0.554	0.566	0.550	5.44
39) T	Methylcyclohexane	0.512	0.542	0.497	0.584	0.595	0.546	7.89
40) TM	Benzene	1.376	1.425	1.346	1.405	1.337	1.378	2.73
41) T	Methacrylonitrile	0.145	0.193	0.179	0.173	0.172	0.172	10.11
42) TM	1,2-Dichloroethane	0.451	0.465	0.452	0.464	0.435	0.453	2.67
43) T	Isopropyl Acetate	0.589	0.633	0.501	0.597	0.514	0.567	10.01
44) TM	Trichloroethene	0.367	0.389	0.389	0.400	0.384	0.386	3.11
45) C	1,2-Dichloropropane	0.360	0.367	0.279	0.344	0.321	0.334	10.67#
46) T	Dibromomethane	0.219	0.235	0.234	0.227	0.203	0.224	5.86
47) T	Bromodichloromet...	0.487	0.511	0.519	0.511	0.477	0.501	3.61
48) T	Methyl methacrylate	0.250	0.290	0.264	0.280	0.246	0.266	7.10
49) T	1,4-Dioxane	0.003	0.004	0.003	0.004	0.003	0.003	10.07
50) S	Toluene-d8	1.136	1.147	1.231	1.078	1.006	1.119	7.49
51) T	4-Methyl-2-Penta...	0.335	0.349	0.312	0.339	0.274	0.322	9.34
52) CM	Toluene	0.793	0.867	0.912	0.897	0.849	0.864	5.39#
53) T	t-1,3-Dichloropr...	0.512	0.524	0.533	0.556	0.512	0.527	3.46
54) T	cis-1,3-Dichloro...	0.569	0.576	0.555	0.601	0.557	0.572	3.25
55) T	1,1,2-Trichloroe...	0.305	0.310	0.315	0.316	0.275	0.304	5.52
56) T	Ethyl methacrylate	0.368	0.399	0.412	0.451	0.390	0.404	7.59

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57)	T	1,3-Dichloropropane	0.502	0.510	0.492	0.505	0.450	0.492	4.96
58)	T	2-Chloroethyl Vi...	0.160	0.162	0.160	0.146	0.127	0.151	9.96
59)	T	2-Hexanone	0.237	0.252	0.230	0.293	0.208	0.244	12.84
60)	T	Dibromochloromet...	0.355	0.385	0.395	0.400	0.372	0.381	4.76
61)	T	1,2-Dibromoethane	0.300	0.310	0.298	0.317	0.279	0.301	4.81
62)	S	4-Bromofluoroben...	0.343	0.391	0.404	0.380	0.346	0.373	7.33
63)	I	Chlorobenzene-d5	-----ISTD-----						
64)	T	Tetrachloroethene	0.370	0.381	0.360	0.390	0.386	0.378	3.29
65)	PM	Chlorobenzene	1.042	1.063	1.045	1.104	1.049	1.061	2.40
66)	T	1,1,1,2-Tetrachl...	0.377	0.404	0.400	0.424	0.407	0.402	4.18
67)	C	Ethyl Benzene	1.643	1.763	1.775	1.921	1.889	1.798	6.15#
68)	T	m/p-Xylenes	0.623	0.699	0.694	0.754	0.733	0.701	7.11
69)	T	o-Xylene	0.588	0.637	0.630	0.722	0.699	0.655	8.32
70)	T	Styrene	0.952	1.095	1.068	1.208	1.153	1.095	8.81
71)	P	Bromoform	0.286	0.307	0.290	0.315	0.290	0.298	4.35
72)	I	1,4-Dichlorobenzen...	-----ISTD-----						
73)	T	Isopropylbenzene	3.094	3.258	3.416	3.553	3.558	3.376	5.93
74)	T	N-amyl acetate	0.931	1.122	1.057	1.150	0.998	1.052	8.52
75)	P	1,1,2,2-Tetrachl...	0.856	0.886	0.806	0.856	0.719	0.824	7.99
76)	T	1,2,3-Trichlorop...	0.512	0.629	0.583	0.619	0.555	0.580	8.30
77)	T	Bromobenzene	0.869	0.876	0.894	0.922	0.876	0.888	2.39
78)	T	n-propylbenzene	3.712	4.058	4.187	4.327	4.243	4.105	5.87
79)	T	2-Chlorotoluene	2.176	2.344	2.332	2.462	2.369	2.336	4.42
80)	T	1,3,5-Trimethylb...	2.512	2.797	2.834	3.026	2.967	2.827	7.05
81)	T	trans-1,4-Dichlo...	0.286	0.311	0.290	0.311	0.271	0.294	5.84
82)	T	4-Chlorotoluene	2.210	2.476	2.411	2.576	2.501	2.435	5.69
83)	T	tert-Butylbenzene	2.219	2.353	2.460	2.620	2.588	2.448	6.81
84)	T	1,2,4-Trimethylb...	2.387	2.753	2.761	3.032	2.936	2.774	8.89
85)	T	sec-Butylbenzene	3.198	3.580	3.673	3.845	3.777	3.615	7.02
86)	T	p-Isopropyltoluene	2.761	2.915	3.010	3.226	3.183	3.019	6.35
87)	T	1,3-Dichlorobenzene	1.660	1.700	1.660	1.743	1.664	1.686	2.17
88)	T	1,4-Dichlorobenzene	1.698	1.707	1.692	1.769	1.656	1.705	2.42
89)	T	n-Butylbenzene	2.665	2.742	2.725	3.013	2.969	2.823	5.56
90)	T	Hexachloroethane	0.622	0.632	0.670	0.642	0.619	0.637	3.22
91)	T	1,2-Dichlorobenzene	1.541	1.590	1.562	1.605	1.496	1.559	2.76
92)	T	1,2-Dibromo-3-Ch...	0.145	0.163	0.150	0.162	0.139	0.152	6.85
93)	T	1,2,4-Trichlorob...	0.846	0.886	0.967	1.016	0.979	0.939	7.48
94)	T	Hexachlorobutadiene	0.576	0.550	0.594	0.578	0.577	0.575	2.81
95)	T	Naphthalene	1.712	1.918	2.021	2.318	2.102	2.014	11.12
96)	T	1,2,3-Trichlorob...	0.836	0.858	0.852	0.932	0.877	0.871	4.24

(#) = Out of Range