

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X053123W.M
 Title : SW846 8260
 Last Update : Wed May 31 12:50:30 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX035923.D 5 =VX035924.D 20 =VX035925.D 50 =VX035926.D 100 =VX035927.D 150 =VX035928.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.580	0.569	0.521	0.496	0.571	0.541	0.546	6.12
3) P	Chloromethane	0.689	0.668	0.600	0.608	0.617	0.565	0.624	7.31
4) C	Vinyl Chloride	0.620	0.609	0.550	0.558	0.610	0.573	0.587	5.14#
5) T	Bromomethane		0.408	0.355	0.377	0.399	0.393	0.386	5.36
6) T	Chloroethane	0.407	0.317	0.326	0.351	0.343	0.328	0.345	9.45
7) T	Trichlorofluor...	0.953	0.887	0.791	0.755	0.826	0.740	0.825	9.88
8) T	Diethyl Ether	0.388	0.366	0.335	0.356	0.358	0.346	0.358	5.00
9) T	1,1,2-Trichlor...	0.587	0.525	0.486	0.450	0.519	0.506	0.512	8.89
10) T	Methyl Iodide		0.535	0.559	0.622	0.681	0.617	0.603	9.49
11) T	Tert butyl alc...		0.150	0.142	0.145	0.144	0.141	0.144	2.39
12) CM	1,1-Dichloroet...	0.525	0.512	0.472	0.476	0.519	0.506	0.502	4.49#
13) T	Acrolein		0.156	0.132	0.137	0.137	0.133	0.139	7.01
14) T	Allyl chloride	1.039	1.017	0.985	1.048	1.043	1.055	1.031	2.53
15) T	Acrylonitrile	0.342	0.354	0.326	0.336	0.341	0.333	0.339	2.84
16) T	Acetone	0.413	0.343	0.323	0.329	0.299	0.303	0.335	12.37
17) T	Carbon Disulfide	1.350	1.211	1.123	1.192	1.328	1.337	1.257	7.49
18) T	Methyl Acetate	1.261	1.367	1.277	1.337	1.292	1.280	1.302	3.11
19) T	Methyl tert-bu...	1.832	2.040	1.922	2.009	2.003	1.983	1.965	3.87
20) T	Methylene Chlo...	0.716	0.692	0.603	0.636	0.627	0.597	0.645	7.52
21) T	trans-1,2-Dich...	0.609	0.585	0.551	0.558	0.579	0.557	0.573	3.84
22) T	Diisopropyl ether	1.966	2.056	2.001	2.042	1.998	1.972	2.006	1.82
23) T	Vinyl Acetate	1.278	1.402	1.400	1.478	1.461	1.436	1.409	5.07
24) P	1,1-Dichloroet...	1.073	1.181	1.073	1.115	1.120	1.113	1.112	3.59
25) T	2-Butanone	0.489	0.498	0.465	0.485	0.479	0.461	0.479	3.00
26) T	2,2-Dichloropr...	0.828	0.795	0.802	0.847	0.905	0.911	0.848	5.88
27) T	cis-1,2-Dichlo...	0.711	0.702	0.663	0.691	0.699	0.664	0.688	2.96
28) T	Bromochloromet...	0.573	0.601	0.641	0.620	0.551	0.510	0.583	8.19
29) T	Tetrahydrofuran	0.299	0.334	0.307	0.314	0.312	0.288	0.309	4.99
30) C	Chloroform	1.190	1.175	1.133	1.152	1.151	1.073	1.146	3.56#
31) T	Cyclohexane		0.902	0.804	0.774	0.909	0.861	0.850	7.00
32) T	1,1,1-Trichlor...	0.962	0.958	0.915	0.945	1.064	0.966	0.968	5.19
33) S	1,2-Dichloroet...		0.885	0.802	0.822	0.832	0.719	0.812	7.40
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.350	0.333	0.338	0.337	0.323	0.336	2.94
36) T	1,1-Dichloropr...	0.495	0.452	0.416	0.409	0.469	0.449	0.448	7.18
37) T	Ethyl Acetate	0.528	0.512	0.471	0.496	0.503	0.485	0.499	3.99
38) T	Carbon Tetrach...	0.453	0.414	0.393	0.411	0.480	0.471	0.437	8.17
39) T	Methylcyclohexane	0.518	0.466	0.428	0.399	0.495	0.500	0.468	9.84
40) TM	Benzene	1.389	1.421	1.280	1.308	1.361	1.316	1.346	4.00
41) T	Methacrylonitrile	0.279	0.299	0.271	0.287	0.289	0.275	0.283	3.64
42) TM	1,2-Dichloroet...	0.525	0.564	0.512	0.524	0.569	0.503	0.533	5.16
43) T	Isopropyl Acetate	0.782	0.804	0.776	0.810	0.900	0.855	0.821	5.83
44) TM	Trichloroethene	0.376	0.357	0.326	0.330	0.351	0.355	0.349	5.32
45) C	1,2-Dichloropr...	0.367	0.357	0.338	0.350	0.363	0.350	0.354	2.99#
46) T	Dibromomethane	0.247	0.246	0.236	0.245	0.256	0.245	0.246	2.59
47) T	Bromodichlorom...	0.428	0.432	0.446	0.468	0.515	0.488	0.463	7.41
48) T	Methyl methacr...	0.370	0.393	0.388	0.405	0.450	0.410	0.403	6.75
49) T	1,4-Dioxane	0.010	0.009	0.009	0.009	0.009	0.008	0.009	7.16
50) S	Toluene-d8		1.278	1.207	1.219	1.185	1.146	1.207	4.00
51) T	4-Methyl-2-Pen...	0.481	0.528	0.494	0.506	0.528	0.470	0.501	4.79
52) CM	Toluene	0.847	0.891	0.820	0.828	0.859	0.832	0.846	3.07#
53) T	t-1,3-Dichloro...	0.422	0.422	0.461	0.509	0.572	0.550	0.489	13.19
54) T	cis-1,3-Dichlo...	0.485	0.498	0.515	0.556	0.607	0.581	0.540	9.02
55) T	1,1,2-Trichlor...	0.368	0.359	0.342	0.349	0.356	0.341	0.353	3.00
56) T	Ethyl methacry...	0.455	0.512	0.507	0.543	0.582	0.562	0.527	8.65

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57)	T	1,3-Dichloropr...	0.630	0.636	0.577	0.598	0.614	0.585	0.607	3.91
58)	T	2-Chloroethyl ...	0.269	0.279	0.262	0.285	0.290	0.272	0.276	3.79
59)	T	2-Hexanone	0.358	0.390	0.375	0.380	0.375	0.347	0.371	4.24
60)	T	Dibromochlorom...	0.322	0.307	0.322	0.355	0.371	0.376	0.342	8.50
61)	T	1,2-Dibromoethane	0.340	0.365	0.350	0.367	0.373	0.368	0.360	3.53
62)	S	4-Bromofluorob...		0.477	0.470	0.493	0.475	0.467	0.476	2.10
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.351	0.329	0.297	0.293	0.311	0.303	0.314	7.02
65)	PM	Chlorobenzene	1.093	1.030	0.956	0.975	1.016	0.984	1.009	4.89
66)	T	1,1,1,2-Tetrac...	0.321	0.337	0.347	0.365	0.382	0.377	0.355	6.80
67)	C	Ethyl Benzene	1.937	1.832	1.731	1.724	1.800	1.748	1.796	4.52#
68)	T	m/p-Xylenes	0.705	0.708	0.651	0.660	0.691	0.672	0.681	3.49
69)	T	o-Xylene	0.710	0.701	0.662	0.672	0.689	0.673	0.685	2.71
70)	T	Styrene	1.022	1.092	1.094	1.134	1.163	1.132	1.106	4.45
71)	P	Bromoform	0.206	0.210	0.229	0.261	0.287	0.283	0.246	14.68
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.893	3.718	3.480	3.497	3.592	3.620	3.633	4.23
74)	T	N-amyl acetate	1.458	1.595	1.568	1.646	1.650	1.586	1.584	4.42
75)	P	1,1,2,2-Tetrac...	1.360	1.336	1.202	1.227	1.192	1.140	1.243	6.98
76)	T	1,2,3-Trichlor...	1.210	1.197	1.110	1.032	1.151	1.066	1.128	6.31
77)	T	Bromobenzene	0.971	0.924	0.849	0.879	0.889	0.880	0.899	4.78
78)	T	n-propylbenzene	4.144	4.195	3.913	3.997	4.137	4.220	4.101	2.93
79)	T	2-Chlorotoluene	2.939	2.761	2.528	2.592	2.606	2.598	2.671	5.71
80)	T	1,3,5-Trimethy...	3.057	3.155	2.955	3.023	3.084	3.106	3.063	2.27
81)	T	trans-1,4-Dich...		0.257	0.283	0.355	0.388	0.391	0.335	18.29
82)	T	4-Chlorotoluene	3.318	3.168	2.930	2.975	3.007	2.995	3.065	4.83
83)	T	tert-Butylbenzene	2.952	2.945	2.778	2.824	2.971	3.090	2.927	3.82
84)	T	1,2,4-Trimethy...	3.251	3.208	3.023	3.077	3.148	3.156	3.144	2.66
85)	T	sec-Butylbenzene	3.326	3.562	3.324	3.335	3.587	3.694	3.471	4.69
86)	T	p-Isopropyltol...	2.855	2.947	2.832	2.889	3.104	3.180	2.968	4.80
87)	T	1,3-Dichlorobe...	1.649	1.706	1.559	1.635	1.670	1.657	1.646	2.96
88)	T	1,4-Dichlorobe...	2.032	1.767	1.601	1.643	1.699	1.662	1.734	9.03
89)	T	n-Butylbenzene	2.469	2.416	2.354	2.397	2.682	2.726	2.507	6.27
90)	T	Hexachloroethane	0.440	0.407	0.426	0.460	0.530	0.561	0.471	12.97
91)	T	1,2-Dichlorobe...	1.718	1.677	1.593	1.629	1.623	1.589	1.638	3.08
92)	T	1,2-Dibromo-3-...	0.237	0.216	0.258	0.270	0.282	0.276	0.256	9.89
93)	T	1,2,4-Trichlor...	0.957	0.925	0.912	0.938	0.989	1.000	0.954	3.69
94)	T	Hexachlorobuta...	0.449	0.370	0.316	0.311	0.359	0.371	0.363	13.73
95)	T	Naphthalene	3.089	3.145	3.295	3.427	3.513	3.444	3.319	5.20
96)	T	1,2,3-Trichlor...	0.979	0.890	0.891	0.935	0.975	0.973	0.941	4.44

(#) = Out of Range