

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X030822W.M
 Title : SW846 8260
 Last Update : Tue Mar 08 15:54:34 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX027328.D 5 =VX027329.D 20 =VX027330.D 50 =VX027331.D 100 =VX027332.D 150 =VX027333.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.551	0.516	0.520	0.505	0.479	0.506	0.513	4.59
3) P	Chloromethane	0.668	0.589	0.508	0.498	0.475	0.495	0.539	13.87
4) C	Vinyl Chloride	0.610	0.581	0.549	0.532	0.513	0.539	0.554	6.41#
5) T	Bromomethane		0.249	0.328	0.225	0.202	0.212	0.243	20.74
6) T	Chloroethane	0.537	0.406	0.312	0.302	0.289	0.232	0.346	31.48
7) T	Trichlorofluor...	0.889	0.838	0.757	0.726	0.692	0.727	0.771	9.84
8) T	Diethyl Ether	0.346	0.324	0.287	0.287	0.273	0.285	0.301	9.37
9) T	1,1,2-Trichlor...	0.587	0.552	0.493	0.471	0.453	0.470	0.504	10.52
10) T	Methyl Iodide		0.708	0.704	0.718	0.699	0.730	0.712	1.71
11) T	Tert butyl alc...		0.124	0.110	0.110	0.107	0.120	0.114	6.42
12) CM	1,1-Dichloroet...	0.525	0.516	0.477	0.471	0.451	0.469	0.485	5.94#
13) T	Acrolein		0.098	0.070	0.072	0.077	0.082	0.080	14.07
14) T	Allyl chloride	0.816	0.808	0.737	0.735	0.713	0.754	0.760	5.52
15) T	Acrylonitrile	0.321	0.327	0.298	0.291	0.274	0.293	0.301	6.67
16) T	Acetone	0.347	0.281	0.238	0.229	0.214	0.229	0.256	19.56
17) T	Carbon Disulfide	1.634	1.385	1.244	1.222	1.175	1.242	1.317	12.93
18) T	Methyl Acetate	0.725	0.708	0.607	0.612	0.579	0.615	0.641	9.39
19) T	Methyl tert-bu...	1.755	1.697	1.567	1.547	1.495	1.577	1.606	6.13
20) T	Methylene Chlo...	0.700	0.598	0.548	0.535	0.509	0.529	0.570	12.35
21) T	trans-1,2-Dich...	0.646	0.588	0.513	0.501	0.482	0.503	0.539	11.87
22) T	Diisopropyl ether	1.602	1.654	1.492	1.487	1.408	1.478	1.520	5.93
23) T	Vinyl Acetate	1.289	1.330	1.265	1.267	1.215	1.265	1.272	2.95
24) P	1,1-Dichloroet...	1.038	0.974	0.894	0.890	0.850	0.892	0.923	7.49
25) T	2-Butanone	0.449	0.430	0.390	0.385	0.365	0.391	0.402	7.76
26) T	2,2-Dichloropr...	0.732	0.668	0.618	0.643	0.633	0.677	0.662	6.17
27) T	cis-1,2-Dichlo...	0.724	0.663	0.607	0.593	0.566	0.599	0.625	9.24
28) T	Bromochloromet...	0.430	0.398	0.377	0.367	0.367	0.365	0.384	6.67
29) T	Tetrahydrofuran	0.289	0.284	0.264	0.256	0.241	0.259	0.266	6.78
30) C	Chloroform	1.081	1.061	0.950	0.935	0.887	0.932	0.974	8.02#
31) T	Cyclohexane		0.900	0.817	0.802	0.761	0.797	0.816	6.33
32) T	1,1,1-Trichlor...	0.924	0.842	0.806	0.813	0.783	0.828	0.833	5.91
33) S	1,2-Dichloroet...		0.619	0.580	0.560	0.562	0.594	0.583	4.21
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.334	0.325	0.318	0.310	0.326	0.323	2.72
36) T	1,1-Dichloropr...	0.517	0.462	0.433	0.435	0.411	0.430	0.448	8.35
37) T	Ethyl Acetate	0.526	0.501	0.455	0.458	0.433	0.460	0.472	7.22
38) T	Carbon Tetrach...	0.505	0.490	0.445	0.455	0.431	0.453	0.463	6.09
39) T	Methylcyclohexane	0.622	0.593	0.559	0.551	0.523	0.545	0.566	6.34
40) TM	Benzene	1.565	1.486	1.331	1.308	1.224	1.271	1.364	9.70
41) T	Methacrylonitrile	0.266	0.264	0.250	0.254	0.240	0.254	0.255	3.72
42) TM	1,2-Dichloroet...	0.475	0.476	0.444	0.440	0.410	0.429	0.446	5.82
43) T	Isopropyl Acetate	0.745	0.745	0.680	0.699	0.675	0.726	0.712	4.42
44) TM	Trichloroethene	0.424	0.404	0.362	0.360	0.343	0.356	0.375	8.42
45) C	1,2-Dichloropr...	0.370	0.364	0.335	0.336	0.316	0.330	0.342	6.14#
46) T	Dibromomethane	0.257	0.267	0.236	0.239	0.225	0.236	0.243	6.49
47) T	Bromodichlorom...	0.460	0.471	0.444	0.444	0.426	0.449	0.449	3.45
48) T	Methyl methacr...	0.360	0.366	0.344	0.350	0.339	0.365	0.354	3.11
49) T	1,4-Dioxane	0.010	0.010	0.009	0.009	0.008	0.009	0.009	8.69
50) S	Toluene-d8		1.267	1.224	1.198	1.174	1.227	1.218	2.87
51) T	4-Methyl-2-Pen...	0.495	0.513	0.473	0.479	0.441	0.459	0.477	5.34
52) CM	Toluene	0.913	0.940	0.863	0.859	0.802	0.841	0.870	5.74#
53) T	t-1,3-Dichloro...	0.424	0.442	0.444	0.472	0.473	0.510	0.461	6.64
54) T	cis-1,3-Dichlo...	0.521	0.501	0.493	0.527	0.515	0.548	0.517	3.78
55) T	1,1,2-Trichlor...	0.396	0.384	0.357	0.354	0.336	0.351	0.363	6.17
56) T	Ethyl methacry...	0.513	0.548	0.518	0.540	0.529	0.564	0.535	3.64

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57)	T	1,3-Dichloropr...	0.624	0.629	0.583	0.571	0.543	0.566	0.586	5.78
58)	T	2-Chloroethyl ...	0.246	0.283	0.266	0.272	0.278	0.277	0.270	4.92
59)	T	2-Hexanone	0.376	0.395	0.367	0.373	0.342	0.357	0.368	4.87
60)	T	Dibromochlorom...	0.374	0.372	0.357	0.372	0.360	0.388	0.370	2.98
61)	T	1,2-Dibromoethane	0.371	0.394	0.371	0.372	0.359	0.381	0.375	3.14
62)	S	4-Bromofluorob...	0.471	0.460	0.456	0.454	0.481	0.464		2.42
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.419	0.391	0.342	0.329	0.305	0.316	0.350	12.82
65)	PM	Chlorobenzene	1.178	1.152	1.037	1.010	0.943	0.992	1.052	8.83
66)	T	1,1,1,2-Tetrac...	0.384	0.387	0.361	0.360	0.344	0.370	0.368	4.41
67)	C	Ethyl Benzene	1.966	1.962	1.792	1.780	1.654	1.731	1.814	6.92#
68)	T	m/p-Xylenes	0.756	0.763	0.711	0.698	0.652	0.689	0.712	5.90
69)	T	o-Xylene	0.729	0.757	0.705	0.691	0.649	0.685	0.703	5.33
70)	T	Styrene	1.185	1.233	1.174	1.171	1.086	1.147	1.166	4.15
71)	P	Bromoform	0.297	0.309	0.288	0.303	0.288	0.316	0.300	3.79
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.874	4.059	3.659	3.558	3.361	3.430	3.657	7.31
74)	T	N-amyl acetate	1.311	1.380	1.314	1.354	1.290	1.369	1.337	2.71
75)	P	1,1,2,2-Tetrac...	1.472	1.403	1.238	1.194	1.091	1.142	1.257	11.94
76)	T	1,2,3-Trichlor...	1.189	1.217	1.103	1.075	0.991	1.007	1.097	8.43
77)	T	Bromobenzene	1.005	1.002	0.911	0.893	0.849	0.876	0.923	7.15
78)	T	n-propylbenzene	4.209	4.411	4.136	4.112	3.872	3.940	4.113	4.70
79)	T	2-Chlorotoluene	2.870	2.835	2.518	2.484	2.321	2.397	2.571	8.90
80)	T	1,3,5-Trimethy...	3.344	3.428	3.119	3.068	2.882	2.970	3.135	6.77
81)	T	trans-1,4-Dich...	0.307	0.314	0.345	0.348	0.382	0.339		8.90
82)	T	4-Chlorotoluene	3.130	3.143	2.892	2.859	2.675	2.751	2.908	6.63
83)	T	tert-Butylbenzene	3.348	3.372	3.102	3.089	2.899	2.992	3.134	6.07
84)	T	1,2,4-Trimethy...	3.215	3.420	3.085	3.086	2.883	2.968	3.109	6.10
85)	T	sec-Butylbenzene	3.795	4.143	3.788	3.748	3.558	3.644	3.780	5.31
86)	T	p-Isopropyltol...	3.195	3.439	3.199	3.204	3.036	3.127	3.200	4.18
87)	T	1,3-Dichlorobe...	1.937	1.884	1.685	1.672	1.576	1.648	1.734	8.25
88)	T	1,4-Dichlorobe...	2.067	1.900	1.699	1.655	1.572	1.637	1.755	10.78
89)	T	n-Butylbenzene	2.678	2.749	2.632	2.713	2.588	2.722	2.680	2.26
90)	T	Hexachloroethane	0.512	0.495	0.469	0.495	0.491	0.530	0.499	4.11
91)	T	1,2-Dichlorobe...	1.950	1.889	1.685	1.626	1.516	1.589	1.709	10.13
92)	T	1,2-Dibromo-3-...	0.259	0.281	0.256	0.259	0.251	0.273	0.263	4.43
93)	T	1,2,4-Trichlor...	1.209	1.141	1.090	1.090	1.054	1.148	1.122	4.94
94)	T	Hexachlorobuta...	0.549	0.535	0.472	0.472	0.442	0.482	0.492	8.33
95)	T	Naphthalene	3.659	3.927	3.779	3.807	3.596	3.831	3.767	3.19
96)	T	1,2,3-Trichlor...	1.166	1.180	1.083	1.098	1.057	1.144	1.121	4.38

(#) = Out of Range