

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X051821W.M
 Title : SW846 8260
 Last Update : Wed May 19 05:14:43 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX022062.D 5 =VX022063.D 20 =VX022064.D 50 =VX022065.D 100 =VX022066.D 150 =VX022067.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.509	0.650	0.606	0.643	0.660	0.633	0.617	9.09
3) P	Chloromethane	0.653	0.721	0.679	0.686	0.719	0.703	0.693	3.79
4) C	Vinyl Chloride	0.595	0.758	0.710	0.749	0.761	0.747	0.720	8.91#
5) T	Bromomethane		0.474	0.388	0.360	0.380	0.375	0.396	11.33
6) T	Chloroethane	0.454	0.500	0.436	0.477	0.394	0.298	0.426	17.03
7) T	Trichlorofluor...	0.978	1.066	0.957	1.035	1.096	1.073	1.034	5.38
8) T	Diethyl Ether	0.360	0.482	0.406	0.443	0.464	0.455	0.435	10.28
9) T	1,1,2-Trichlor...	0.509	0.624	0.574	0.591	0.625	0.603	0.588	7.35
10) T	Methyl Iodide		0.577	0.567	0.672	0.741	0.700	0.651	11.77
11) T	Tert butyl alc...		0.221	0.182	0.190	0.185	0.192	0.194	8.07
12) CM	1,1-Dichloroet...	0.518	0.621	0.568	0.603	0.618	0.610	0.590	6.81#
13) T	Acrolein		0.144	0.113	0.117	0.125	0.126	0.125	9.42
14) T	Allyl chloride	0.957	1.154	1.038	1.116	1.153	1.133	1.092	7.19
15) T	Acrylonitrile	0.333	0.386	0.354	0.377	0.395	0.390	0.373	6.45
16) T	Acetone	0.383	0.358	0.333	0.343	0.349	0.342	0.352	5.00
17) T	Carbon Disulfide	1.406	1.576	1.369	1.486	1.592	1.546	1.496	6.15
18) T	Methyl Acetate	0.819	0.980	0.874	0.922	0.950	0.959	0.917	6.61
19) T	Methyl tert-bu...	1.707	2.111	1.930	2.065	2.155	2.100	2.011	8.33
20) T	Methylene Chlo...	0.869	0.864	0.684	0.708	0.747	0.719	0.765	10.61
21) T	trans-1,2-Dich...	0.543	0.693	0.609	0.662	0.687	0.669	0.644	8.97
22) T	Diisopropyl ether	1.715	2.154	1.937	2.096	2.294	2.320	2.086	10.99
23) T	Vinyl Acetate	1.615	2.103	1.922	2.083	2.240	2.257	2.037	11.77
24) P	1,1-Dichloroet...	1.040	1.319	1.160	1.265	1.314	1.284	1.230	8.91
25) T	2-Butanone	0.519	0.615	0.563	0.593	0.612	0.610	0.585	6.43
26) T	2,2-Dichloropr...	0.943	1.022	0.944	0.986	1.030	0.986	0.985	3.77
27) T	cis-1,2-Dichlo...	0.757	0.797	0.732	0.804	0.834	0.814	0.790	4.81
28) T	Bromochloromet...	0.532	0.637	0.559	0.584	0.615	0.621	0.591	6.86
29) T	Tetrahydrofuran	0.336	0.343	0.327	0.343	0.365	0.366	0.347	4.58
30) C	Chloroform	1.035	1.345	1.187	1.274	1.344	1.302	1.248	9.58#
31) T	Cyclohexane		1.086	0.933	0.985	1.021	1.006	1.006	5.50
32) T	1,1,1-Trichlor...	0.933	1.158	1.043	1.106	1.148	1.121	1.085	7.80
33) S	1,2-Dichloroet...		2.221	1.878	1.937	2.079	2.119	2.047	6.79
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.897	0.734	0.766	0.827	0.844	0.814	7.95
36) T	1,1-Dichloropr...	0.396	0.494	0.434	0.468	0.498	0.488	0.463	8.74
37) T	Ethyl Acetate	0.609	0.626	0.564	0.576	0.609	0.607	0.598	3.88
38) T	Carbon Tetrach...	0.390	0.469	0.442	0.484	0.501	0.489	0.462	8.85
39) T	Methylcyclohexane	0.442	0.543	0.469	0.514	0.540	0.524	0.505	8.15
40) TM	Benzene	1.208	1.519	1.376	1.472	1.514	1.487	1.429	8.41
41) T	Methacrylonitrile	0.305	0.312	0.293	0.305	0.324	0.334	0.312	4.78
42) TM	1,2-Dichloroet...	0.420	0.529	0.482	0.515	0.539	0.520	0.501	8.77
43) T	Isopropyl Acetate	0.853	1.003	0.888	0.962	1.027	1.012	0.957	7.48
44) TM	Trichloroethene	0.289	0.377	0.332	0.362	0.377	0.363	0.350	9.77
45) C	1,2-Dichloropr...	0.272	0.403	0.350	0.392	0.407	0.393	0.369	14.04#
46) T	Dibromomethane	0.214	0.252	0.240	0.253	0.271	0.260	0.248	7.92
47) T	Bromodichlorom...	0.393	0.495	0.471	0.525	0.553	0.539	0.496	11.85
48) T	Methyl methacr...	0.370	0.431	0.417	0.446	0.475	0.470	0.435	8.91
49) T	1,4-Dioxane	0.010	0.009	0.009	0.009	0.009	0.009	0.009	3.10
50) S	Toluene-d8		3.272	2.848	3.014	3.181	3.301	3.123	6.08
51) T	4-Methyl-2-Pen...	0.476	0.588	0.565	0.598	0.614	0.615	0.576	9.08
52) CM	Toluene	0.825	0.967	0.868	0.916	0.976	0.953	0.917	6.56#
53) T	t-1,3-Dichloro...	0.418	0.538	0.523	0.585	0.630	0.623	0.553	14.31
54) T	cis-1,3-Dichlo...	0.413	0.614	0.580	0.624	0.668	0.658	0.593	15.84
55) T	1,1,2-Trichlor...	0.294	0.362	0.357	0.379	0.399	0.387	0.363	10.27
56) T	Ethyl methacry...	0.486	0.594	0.569	0.615	0.664	0.665	0.599	11.24

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57)	T	1,3-Dichloropr...	0.589	0.674	0.608	0.650	0.687	0.668	0.646	6.03
58)	T	2-Chloroethyl ...	0.258	0.318	0.312	0.330	0.339	0.338	0.316	9.64
59)	T	2-Hexanone	0.347	0.436	0.426	0.457	0.461	0.466	0.432	10.32
60)	T	Dibromochlorom...	0.276	0.350	0.331	0.379	0.411	0.398	0.357	13.93
61)	T	1,2-Dibromoethane	0.329	0.379	0.353	0.387	0.409	0.406	0.377	8.24
62)	S	4-Bromofluorob...	1.203	1.061	1.131	1.184	1.240	1.164		5.96
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.301	0.360	0.317	0.332	0.331	0.310	0.325	6.41
65)	PM	Chlorobenzene	0.901	1.092	0.978	1.049	1.110	1.063	1.032	7.62
66)	T	1,1,1,2-Tetrac...	0.292	0.382	0.340	0.379	0.405	0.383	0.364	11.27
67)	C	Ethyl Benzene	1.603	2.019	1.777	1.957	2.057	1.967	1.897	9.13#
68)	T	m/p-Xylenes	0.581	0.749	0.674	0.722	0.766	0.741	0.705	9.76
69)	T	o-Xylene	0.598	0.755	0.647	0.721	0.752	0.731	0.700	9.11
70)	T	Styrene	0.987	1.159	1.102	1.211	1.306	1.256	1.170	9.81
71)	P	Bromoform	0.191	0.237	0.234	0.270	0.287	0.278	0.249	14.38
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.627	4.451	3.964	4.166	4.521	4.322	4.175	8.03
74)	T	N-amyl acetate	1.548	1.994	1.886	2.061	2.266	2.241	1.999	13.23
75)	P	1,1,2,2-Tetrac...	1.233	1.571	1.365	1.430	1.508	1.483	1.432	8.36
76)	T	1,2,3-Trichlor...	1.045	1.502	1.273	1.300	1.307	1.246	1.279	11.43
77)	T	Bromobenzene	0.693	0.982	0.834	0.897	0.944	0.899	0.875	11.69
78)	T	n-propylbenzene	3.908	5.141	4.619	4.972	5.469	5.215	4.888	11.39
79)	T	2-Chlorotoluene	2.454	3.145	2.768	2.895	3.168	3.058	2.915	9.36
80)	T	1,3,5-Trimethy...	2.958	3.741	3.292	3.529	3.814	3.635	3.495	9.15
81)	T	trans-1,4-Dich...		0.462	0.443	0.514	0.569	0.559	0.510	11.03
82)	T	4-Chlorotoluene	2.829	3.613	3.226	3.414	3.688	3.554	3.387	9.41
83)	T	tert-Butylbenzene	2.820	3.705	3.177	3.327	3.542	3.367	3.323	9.23
84)	T	1,2,4-Trimethy...	2.762	3.811	3.388	3.587	3.829	3.633	3.502	11.34
85)	T	sec-Butylbenzene	3.661	4.410	3.996	4.318	4.676	4.438	4.250	8.53
86)	T	p-Isopropyltol...	2.609	3.691	3.312	3.669	3.948	3.779	3.501	13.84
87)	T	1,3-Dichlorobe...	1.473	1.774	1.588	1.735	1.794	1.737	1.683	7.47
88)	T	1,4-Dichlorobe...	1.541	1.779	1.571	1.744	1.806	1.759	1.700	6.69
89)	T	n-Butylbenzene	2.411	3.193	3.051	3.405	3.680	3.618	3.226	14.46
90)	T	Hexachloroethane	0.471	0.605	0.556	0.615	0.671	0.652	0.595	12.25
91)	T	1,2-Dichlorobe...	1.478	1.732	1.559	1.674	1.711	1.655	1.635	5.98
92)	T	1,2-Dibromo-3-...	0.298	0.297	0.302	0.326	0.351	0.350	0.321	7.92
93)	T	1,2,4-Trichlor...	0.765	1.022	0.909	1.009	1.084	1.072	0.977	12.36
94)	T	Hexachlorobuta...	0.340	0.389	0.348	0.373	0.392	0.384	0.371	5.91
95)	T	Naphthalene	2.830	3.876	3.690	4.143	4.434	4.372	3.891	15.23
96)	T	1,2,3-Trichlor...	0.675	0.983	0.898	1.031	1.090	1.054	0.955	15.96

(#) = Out of Range