

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X032922W.M
 Title : SW846 8260
 Last Update : Wed Mar 30 04:39:27 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX027776.D 5 =VX027777.D 20 =VX027778.D 50 =VX027779.D 100 =VX027780.D 150 =VX027781.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.386	0.395	0.444	0.520	0.472	0.502	0.453	12.16
3) P	Chloromethane	0.426	0.378	0.417	0.414	0.375	0.393	0.400	5.33
4) C	Vinyl Chloride	0.363	0.384	0.440	0.437	0.405	0.434	0.411	7.83#
5) T	Bromomethane		0.194	0.209	0.178	0.161	0.184	0.185	9.81
6) T	Chloroethane	0.329	0.281	0.279	0.272	0.246	0.254	0.277	10.55
7) T	Trichlorofluor...	0.703	0.702	0.758	0.752	0.678	0.729	0.720	4.38
8) T	Diethyl Ether	0.258	0.250	0.287	0.270	0.243	0.243	0.259	6.61
9) T	1,1,2-Trichlor...	0.425	0.456	0.518	0.482	0.446	0.481	0.468	6.97
10) T	Methyl Iodide		0.453	0.539	0.577	0.559	0.590	0.544	9.95
11) T	Tert butyl alc...		0.123	0.129	0.132	0.104	0.132	0.124	9.27
12) CM	1,1-Dichloroet...	0.430	0.435	0.455	0.420	0.400	0.438	0.430	4.36#
13) T	Acrolein		0.096	0.084	0.098	0.090	0.096	0.093	6.11
14) T	Allyl chloride	0.737	0.780	0.839	0.797	0.773	0.807	0.789	4.38
15) T	Acrylonitrile	0.274	0.297	0.316	0.313	0.263	0.283	0.291	7.28
16) T	Acetone	0.332	0.237	0.325	0.293	0.252	0.273	0.286	13.45
17) T	Carbon Disulfide	1.009	0.835	0.919	0.838	0.810	0.860	0.879	8.41
18) T	Methyl Acetate	0.656	0.739	0.758	0.717	0.636	0.716	0.704	6.79
19) T	Methyl tert-bu...	1.555	1.699	1.756	1.721	1.507	1.582	1.637	6.20
20) T	Methylene Chlo...	0.501	0.508	0.577	0.510	0.474	0.512	0.514	6.63
21) T	trans-1,2-Dich...	0.521	0.447	0.508	0.458	0.418	0.446	0.466	8.54
22) T	Diisopropyl ether	1.543	1.695	1.703	1.485	1.592	1.466	1.581	6.46
23) T	Vinyl Acetate	1.271	1.407	1.447	1.306	1.428	1.334	1.366	5.26
24) P	1,1-Dichloroet...	0.831	0.923	0.939	0.843	0.855	0.943	0.889	5.78
25) T	2-Butanone	0.414	0.439	0.512	0.392	0.379	0.357	0.415	13.27
26) T	2,2-Dichloropr...	0.687	0.682	0.840	0.687	0.667	0.699	0.710	9.07
27) T	cis-1,2-Dichlo...	0.532	0.538	0.633	0.574	0.537	0.558	0.562	6.82
28) T	Bromochloromet...	0.386	0.368	0.456	0.361	0.397	0.327	0.382	11.34
29) T	Tetrahydrofuran	0.270	0.267	0.330	0.254	0.253	0.227	0.267	12.90
30) C	Chloroform	0.963	0.965	1.158	0.963	0.980	0.902	0.988	8.86#
31) T	Cyclohexane		0.741	0.852	0.702	0.628	0.642	0.713	12.67
32) T	1,1,1-Trichlor...	0.808	0.826	0.998	0.842	0.846	0.809	0.855	8.42
33) S	1,2-Dichloroet...		0.618	0.762	0.657	0.628	0.561	0.645	11.46
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.329	0.312	0.318	0.352	0.303	0.323	5.86
36) T	1,1-Dichloropr...	0.413	0.394	0.463	0.416	0.383	0.369	0.406	8.12
37) T	Ethyl Acetate	0.486	0.561	0.589	0.470	0.503	0.415	0.504	12.52
38) T	Carbon Tetrach...	0.415	0.418	0.504	0.474	0.441	0.442	0.449	7.62
39) T	Methylcyclohexane	0.473	0.474	0.510	0.490	0.451	0.472	0.478	4.14
40) TM	Benzene	1.237	1.201	1.329	1.305	1.192	1.128	1.232	6.09
41) T	Methacrylonitrile	0.252	0.271	0.316	0.267	0.280	0.221	0.268	11.67
42) TM	1,2-Dichloroet...	0.487	0.449	0.600	0.553	0.452	0.412	0.492	14.46
43) T	Isopropyl Acetate	0.784	0.711	0.915	0.936	0.798	0.699	0.807	12.39
44) TM	Trichloroethene	0.326	0.340	0.349	0.340	0.314	0.339	0.335	3.75
45) C	1,2-Dichloropr...	0.332	0.301	0.353	0.354	0.325	0.321	0.331	6.12#
46) T	Dibromomethane	0.250	0.227	0.264	0.264	0.243	0.246	0.249	5.70
47) T	Bromodichlorom...	0.487	0.449	0.511	0.528	0.494	0.507	0.496	5.48
48) T	Methyl methacr...	0.372	0.367	0.464	0.469	0.430	0.438	0.423	10.49
49) T	1,4-Dioxane	0.008	0.009	0.009	0.009	0.008	0.008	0.008	7.99
50) S	Toluene-d8		1.135	1.082	1.138	1.215	1.108	1.136	4.39
51) T	4-Methyl-2-Pen...	0.498	0.544	0.613	0.616	0.542	0.547	0.560	8.21
52) CM	Toluene	0.713	0.763	0.825	0.819	0.762	0.774	0.776	5.35#
53) T	t-1,3-Dichloro...	0.430	0.417	0.516	0.543	0.530	0.547	0.497	11.68
54) T	cis-1,3-Dichlo...	0.460	0.458	0.546	0.570	0.547	0.561	0.523	9.72
55) T	1,1,2-Trichlor...	0.332	0.330	0.372	0.359	0.331	0.340	0.344	5.10
56) T	Ethyl methacry...	0.428	0.500	0.602	0.600	0.563	0.578	0.545	12.56

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57)	T	1,3-Dichloropr...	0.522	0.587	0.619	0.616	0.563	0.568	0.579	6.35
58)	T	2-Chloroethyl ...	0.210	0.249	0.296	0.302	0.294	0.282	0.272	13.11
59)	T	2-Hexanone	0.403	0.412	0.454	0.477	0.420	0.422	0.431	6.56
60)	T	Dibromochlorom...	0.320	0.317	0.369	0.384	0.367	0.383	0.357	8.51
61)	T	1,2-Dibromoethane	0.338	0.332	0.388	0.382	0.355	0.363	0.360	6.25
62)	S	4-Bromofluorob...		0.450	0.464	0.492	0.522	0.486	0.483	5.79
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.333	0.355	0.374	0.346	0.307	0.319	0.339	7.30
65)	PM	Chlorobenzene	1.035	0.964	1.017	0.998	0.913	0.981	0.985	4.39
66)	T	1,1,1,2-Tetrac...	0.349	0.346	0.379	0.388	0.362	0.392	0.369	5.38
67)	C	Ethyl Benzene	1.806	1.727	1.800	1.872	1.704	1.812	1.787	3.43#
68)	T	m/p-Xylenes	0.630	0.649	0.691	0.687	0.623	0.663	0.657	4.31
69)	T	o-Xylene	0.566	0.623	0.697	0.682	0.621	0.663	0.642	7.53
70)	T	Styrene	0.965	1.028	1.175	1.154	1.067	1.156	1.091	7.73
71)	P	Bromoform	0.194	0.232	0.267	0.291	0.284	0.315	0.264	16.66
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.677	3.834	3.940	3.830	3.472	3.584	3.723	4.73
74)	T	N-amyl acetate	1.468	1.604	1.658	1.834	1.717	1.780	1.677	7.85
75)	P	1,1,2,2-Tetrac...	1.242	1.277	1.288	1.324	1.213	1.240	1.264	3.16
76)	T	1,2,3-Trichlor...	1.016	1.248	1.205	1.270	1.155	1.144	1.173	7.78
77)	T	Bromobenzene	0.765	0.848	0.917	0.892	0.819	0.852	0.849	6.32
78)	T	n-propylbenzene	4.629	4.459	4.527	4.546	4.193	4.332	4.448	3.58
79)	T	2-Chlorotoluene	3.049	2.926	2.793	2.812	2.546	2.646	2.795	6.52
80)	T	1,3,5-Trimethy...	3.161	3.270	3.428	3.334	3.039	3.149	3.230	4.37
81)	T	trans-1,4-Dich...		0.263	0.335	0.395	0.386	0.418	0.359	17.19
82)	T	4-Chlorotoluene	3.419	3.214	3.245	3.293	2.993	3.081	3.207	4.74
83)	T	tert-Butylbenzene	3.204	3.101	3.221	3.183	2.948	3.086	3.124	3.27
84)	T	1,2,4-Trimethy...	3.104	3.274	3.413	3.339	3.036	3.160	3.221	4.50
85)	T	sec-Butylbenzene	3.676	3.843	4.008	4.027	3.692	3.883	3.855	3.89
86)	T	p-Isopropyltol...	2.973	3.112	3.373	3.386	3.136	3.259	3.206	5.05
87)	T	1,3-Dichlorobe...	1.736	1.657	1.747	1.677	1.561	1.645	1.671	4.06
88)	T	1,4-Dichlorobe...	1.977	1.667	1.761	1.701	1.572	1.649	1.721	8.13
89)	T	n-Butylbenzene	2.917	2.630	2.825	3.055	2.857	3.016	2.883	5.30
90)	T	Hexachloroethane	0.543	0.442	0.481	0.531	0.525	0.569	0.515	8.96
91)	T	1,2-Dichlorobe...	1.780	1.621	1.737	1.653	1.524	1.588	1.650	5.74
92)	T	1,2-Dibromo-3-...	0.300	0.262	0.283	0.329	0.319	0.333	0.304	9.17
93)	T	1,2,4-Trichlor...	1.118	0.957	0.962	1.007	0.968	1.043	1.009	6.18
94)	T	Hexachlorobuta...	0.648	0.404	0.435	0.454	0.421	0.463	0.471	18.97
95)	T	Naphthalene	3.636	3.151	3.502	3.715	3.456	3.683	3.524	5.93
96)	T	1,2,3-Trichlor...	1.072	0.899	0.943	1.031	0.960	1.027	0.989	6.59

(#) = Out of Range