

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X102324W.M
 Title : SW846 8260
 Last Update : Thu Oct 24 04:54:33 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX043486.D 5 =VX043480.D 20 =VX043481.D 50 =VX043482.D 100 =VX043483.D 150 =VX043484.D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.584	0.623	0.555	0.537	0.522	0.570	0.565	6.32
3) P	Chloromethane	0.924	0.783	0.688	0.703	0.652	0.711	0.743	13.23
4) C	Vinyl Chloride	0.689	0.740	0.617	0.638	0.606	0.664	0.659	7.56#
5) T	Bromomethane		0.354	0.268	0.269	0.258	0.299	0.289	13.55
6) T	Chloroethane	0.288	0.309	0.237	0.227	0.215	0.231	0.251	15.08
7) T	Trichlorofluor...	1.032	0.933	0.883	0.868	0.854	0.942	0.919	7.15
8) T	Diethyl Ether	0.471	0.398	0.352	0.372	0.348	0.393	0.389	11.57
9) T	1,1,2-Trichlor...	0.581	0.574	0.524	0.521	0.513	0.566	0.547	5.58
10) T	Methyl Iodide		0.635	0.683	0.732	0.706	0.785	0.708	7.90
11) T	Tert butyl alc...		0.117	0.119	0.120	0.116	0.137	0.122	7.03
12) CM	1,1-Dichloroet...	0.509	0.581	0.530	0.541	0.527	0.581	0.545	5.45#
13) T	Acrolein		0.127	0.108	0.116	0.109	0.129	0.118	8.25
14) T	Allyl chloride	1.288	1.026	0.950	0.997	0.973	1.092	1.054	11.80
15) T	Acrylonitrile	0.308	0.294	0.285	0.283	0.281	0.323	0.296	5.63
16) T	Acetone	0.373	0.355	0.311	0.294	0.272	0.312	0.319	11.89
17) T	Carbon Disulfide	1.259	1.079	1.025	1.121	1.155	1.355	1.166	10.46
18) T	Methyl Acetate	1.113	0.974	0.815	0.783	0.759	0.867	0.885	15.27
19) T	Methyl tert-bu...	2.017	2.122	1.909	1.995	1.874	2.147	2.010	5.46
20) T	Methylene Chlo...	0.825	0.782	0.657	0.679	0.628	0.701	0.712	10.67
21) T	trans-1,2-Dich...	0.707	0.648	0.596	0.606	0.588	0.650	0.633	7.10
22) T	Diisopropyl ether	2.175	2.217	2.044	2.134	2.007	2.233	2.135	4.32
23) T	Vinyl Acetate	1.357	1.520	1.453	1.556	1.507	1.750	1.524	8.56
24) P	1,1-Dichloroet...	1.304	1.305	1.195	1.225	1.168	1.292	1.248	4.81
25) T	2-Butanone	0.471	0.474	0.422	0.419	0.399	0.465	0.442	7.33
26) T	2,2-Dichloropr...	1.035	1.174	0.987	1.020	0.971	1.065	1.042	7.00
27) T	cis-1,2-Dichlo...	0.797	0.863	0.754	0.783	0.742	0.842	0.797	6.03
28) T	Bromochloromet...	0.532	0.571	0.507	0.560	0.522	0.543	0.539	4.43
29) T	Tetrahydrofuran	0.278	0.291	0.270	0.263	0.252	0.295	0.275	5.98
30) C	Chloroform	1.494	1.459	1.305	1.326	1.256	1.379	1.370	6.74#
31) T	Cyclohexane		0.930	0.874	0.849	0.834	0.906	0.879	4.49
32) T	1,1,1-Trichlor...	1.164	1.083	1.040	1.068	1.047	1.152	1.092	4.85
33) S	1,2-Dichloroet...		0.919	0.861	0.886	0.755	0.868	0.858	7.18
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.337	0.344	0.361	0.322	0.357	0.344	4.60
36) T	1,1-Dichloropr...	0.414	0.425	0.392	0.392	0.401	0.420	0.407	3.56
37) T	Ethyl Acetate	0.422	0.512	0.458	0.425	0.415	0.467	0.450	8.18
38) T	Carbon Tetrach...	0.465	0.439	0.421	0.428	0.449	0.470	0.445	4.42
39) T	Methylcyclohexane	0.520	0.474	0.480	0.462	0.478	0.503	0.486	4.34
40) TM	Benzene	1.434	1.507	1.374	1.362	1.348	1.394	1.403	4.21
41) T	Methacrylonitrile	0.149	0.240	0.207	0.223	0.226	0.247	0.215	16.35
42) TM	1,2-Dichloroet...	0.475	0.535	0.498	0.497	0.486	0.517	0.501	4.32
43) T	Isopropyl Acetate	0.772	0.737	0.694	0.680	0.703	0.772	0.726	5.54
44) TM	Trichloroethene	0.449	0.356	0.349	0.328	0.330	0.346	0.359	12.54
45) C	1,2-Dichloropr...	0.264	0.343	0.336	0.331	0.327	0.337	0.323	9.09#
46) T	Dibromomethane	0.212	0.243	0.226	0.226	0.229	0.249	0.231	5.68
47) T	Bromodichlorom...	0.443	0.464	0.444	0.462	0.468	0.511	0.465	5.30
48) T	Methyl methacr...	0.308	0.357	0.330	0.332	0.337	0.376	0.340	7.01
49) T	1,4-Dioxane	0.004	0.006	0.006	0.006	0.006	0.007	0.006	17.14
50) S	Toluene-d8		1.176	1.230	1.265	1.144	1.222	1.207	3.94
51) T	4-Methyl-2-Pen...	0.386	0.433	0.436	0.427	0.425	0.467	0.429	6.00
52) CM	Toluene	0.808	0.882	0.859	0.828	0.821	0.862	0.843	3.37#
53) T	t-1,3-Dichloro...	0.377	0.410	0.420	0.446	0.467	0.504	0.437	10.26
54) T	cis-1,3-Dichlo...	0.428	0.463	0.478	0.502	0.518	0.557	0.491	9.14
55) T	1,1,2-Trichlor...	0.301	0.307	0.298	0.297	0.297	0.313	0.302	2.10
56) T	Ethyl methacry...	0.383	0.453	0.442	0.456	0.465	0.517	0.453	9.54

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57)	T	1,3-Dichloropr...	0.495	0.569	0.525	0.520	0.508	0.534	0.525	4.83
58)	T	2-Chloroethyl ...	0.155	0.192	0.200	0.208	0.206	0.230	0.198	12.55
59)	T	2-Hexanone	0.305	0.303	0.320	0.315	0.319	0.349	0.319	5.14
60)	T	Dibromochlorom...	0.248	0.256	0.286	0.311	0.320	0.356	0.296	13.77
61)	T	1,2-Dibromoethane	0.282	0.303	0.310	0.300	0.304	0.332	0.305	5.35
62)	S	4-Bromofluorob...		0.415	0.458	0.469	0.424	0.468	0.447	5.70
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.402	0.370	0.350	0.315	0.321	0.324	0.347	9.78
65)	PM	Chlorobenzene	1.202	1.166	1.063	1.029	1.046	1.117	1.104	6.31
66)	T	1,1,1,2-Tetrac...	0.328	0.329	0.341	0.346	0.358	0.389	0.349	6.54
67)	C	Ethyl Benzene	1.752	1.797	1.753	1.731	1.772	1.872	1.779	2.83#
68)	T	m/p-Xylenes	0.675	0.677	0.679	0.658	0.677	0.712	0.680	2.59
69)	T	o-Xylene	0.670	0.703	0.686	0.668	0.673	0.718	0.687	2.97
70)	T	Styrene	1.043	1.054	1.133	1.133	1.154	1.244	1.127	6.52
71)	P	Bromoform	0.159	0.188	0.183	0.193	0.214	0.257	0.199	16.86
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.784	3.696	3.638	3.364	3.516	3.586	3.597	4.08
74)	T	N-amyl acetate	1.536	1.471	1.392	1.337	1.435	1.583	1.459	6.24
75)	P	1,1,2,2-Tetrac...	1.331	1.160	1.072	0.994	1.008	1.100	1.111	11.16
76)	T	1,2,3-Trichlor...	0.991	1.033	0.948	0.899	0.959	1.042	0.979	5.56
77)	T	Bromobenzene	0.984	0.981	0.908	0.858	0.893	0.910	0.922	5.44
78)	T	n-propylbenzene	4.430	4.042	4.006	3.847	4.024	4.142	4.082	4.78
79)	T	2-Chlorotoluene	3.162	3.034	2.796	2.573	2.587	2.665	2.803	8.74
80)	T	1,3,5-Trimethy...	3.281	3.321	3.170	2.953	3.076	3.113	3.153	4.31
81)	T	trans-1,4-Dich...		0.248	0.234	0.246	0.295	0.335	0.272	15.66
82)	T	4-Chlorotoluene	4.019	3.133	3.136	2.993	3.049	3.150	3.247	11.81
83)	T	tert-Butylbenzene	3.017	3.227	2.979	2.800	2.905	2.993	2.987	4.74
84)	T	1,2,4-Trimethy...	3.566	3.236	3.199	3.049	3.132	3.197	3.230	5.49
85)	T	sec-Butylbenzene	3.741	3.552	3.616	3.373	3.528	3.603	3.569	3.39
86)	T	p-Isopropyltol...	2.957	2.947	3.031	2.928	3.062	3.119	3.007	2.51
87)	T	1,3-Dichlorobe...	2.098	1.669	1.670	1.622	1.651	1.715	1.737	10.30
88)	T	1,4-Dichlorobe...	2.430	1.926	1.650	1.605	1.677	1.673	1.827	17.32
89)	T	n-Butylbenzene	2.538	2.302	2.435	2.371	2.606	2.735	2.498	6.39
90)	T	Hexachloroethane	0.469	0.440	0.449	0.453	0.503	0.556	0.478	9.23
91)	T	1,2-Dichlorobe...	2.114	1.790	1.649	1.579	1.622	1.669	1.737	11.38
92)	T	1,2-Dibromo-3-...	0.136	0.209	0.192	0.198	0.217	0.246	0.200	18.25
93)	T	1,2,4-Trichlor...	1.273	0.844	0.873	0.894	0.967	1.054	0.984	16.32
94)	T	Hexachlorobuta...	0.411	0.371	0.359	0.349	0.363	0.384	0.373	5.92
95)	T	Naphthalene	3.996	2.593	2.614	2.662	2.844	3.153	2.977	18.19
96)	T	1,2,3-Trichlor...	1.211	0.929	0.884	0.892	0.924	1.012	0.975	12.74

(#) = Out of Range