

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : 82U052622W.M
 Title : SW846 8260
 Last Update : Fri May 27 06:42:31 2022
 Response Via : Initial Calibration

Calibration Files

1 =VU048669.D 5 =VU048670.D 20 =VU048677.D 50 =VU048672.D 100 =VU048678.D 150 =VU048674.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.654	0.595	0.554	0.528	0.556	0.548	0.572	7.92
3) P	Chloromethane	0.918	0.757	0.715	0.668	0.689	0.673	0.737	12.86
4) C	Vinyl Chloride	0.715	0.700	0.672	0.653	0.679	0.675	0.682	3.21#
5) T	Bromomethane		0.549	0.483	0.388	0.346	0.363	0.426	20.40
6) T	Chloroethane	0.590	0.434	0.398	0.389	0.390	0.350	0.425	20.00
7) T	Trichlorofluor...	1.145	1.000	0.903	0.931	0.923	0.946	0.975	9.19
8) T	Diethyl Ether	0.392	0.357	0.345	0.347	0.351	0.366	0.360	4.92
9) T	1,1,2-Trichlor...	0.600	0.568	0.522	0.493	0.512	0.506	0.534	7.77
10) T	Methyl Iodide		0.429	0.626	0.810	0.834	0.819	0.704	24.90
11) T	Tert butyl alc...		0.222	0.180	0.166	0.189	0.193	0.190	10.85
12) CM	1,1-Dichloroet...	0.545	0.524	0.505	0.482	0.497	0.500	0.509	4.40#
13) T	Acrolein		0.123	0.059	0.061	0.060	0.064	0.073	37.66
14) T	Allyl chloride	1.124	0.965	0.964	0.911	0.984	0.965	0.986	7.33
15) T	Acrylonitrile	0.383	0.417	0.426	0.400	0.424	0.427	0.413	4.26
16) T	Acetone	0.484	0.363	0.354	0.343	0.399	0.352	0.383	13.98
17) T	Carbon Disulfide	1.906	1.528	1.397	1.335	1.382	1.367	1.486	14.55
18) T	Methyl Acetate	1.117	0.961	0.947	0.888	0.932	0.919	0.961	8.39
19) T	Methyl tert-bu...	1.958	1.932	1.904	1.882	1.941	1.969	1.931	1.71
20) T	Methylene Chlo...	0.814	0.669	0.618	0.594	0.603	0.606	0.651	12.98
21) T	trans-1,2-Dich...	0.716	0.579	0.560	0.542	0.549	0.548	0.582	11.52
22) T	Diisopropyl ether	1.645	1.783	1.907	1.824	1.875	1.875	1.818	5.25
23) T	Vinyl Acetate	1.333	1.405	1.647	1.621	1.720	1.726	1.575	10.56
24) P	1,1-Dichloroet...	1.250	1.148	1.131	1.096	1.105	1.122	1.142	4.89
25) T	2-Butanone	0.521	0.508	0.562	0.535	0.591	0.582	0.550	6.10
26) T	2,2-Dichloropr...	1.220	1.049	0.945	0.956	0.978	0.999	1.024	10.01
27) T	cis-1,2-Dichlo...	0.765	0.665	0.658	0.628	0.666	0.662	0.674	6.96
28) T	Bromochloromet...	0.421	0.477	0.431	0.457	0.446	0.456	0.448	4.46
29) T	Tetrahydrofuran	0.313	0.329	0.362	0.341	0.366	0.367	0.346	6.44
30) C	Chloroform	1.194	1.186	1.150	1.106	1.101	1.119	1.143	3.53#
31) T	Cyclohexane		1.028	0.948	0.891	0.932	0.932	0.946	5.33
32) T	1,1,1-Trichlor...	1.132	1.064	1.019	0.989	0.996	1.020	1.037	5.15
33) S	1,2-Dichloroet...		0.828	0.724	0.759	0.707	0.736	0.751	6.29
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.377	0.351	0.359	0.347	0.350	0.357	3.44
36) T	1,1-Dichloropr...	0.603	0.518	0.496	0.490	0.510	0.507	0.521	8.00
37) T	Ethyl Acetate	0.750	0.613	0.647	0.629	0.657	0.653	0.658	7.31
38) T	Carbon Tetrach...	0.742	0.604	0.565	0.566	0.550	0.557	0.597	12.25
39) T	Methylcyclohexane	0.545	0.504	0.540	0.525	0.580	0.581	0.546	5.56
40) TM	Benzene	1.859	1.497	1.509	1.436	1.462	1.460	1.537	10.41
41) T	Methacrylonitrile	0.301	0.312	0.345	0.335	0.353	0.350	0.333	6.48
42) TM	1,2-Dichloroet...	0.727	0.603	0.581	0.572	0.562	0.566	0.602	10.44
43) T	Isopropyl Acetate	0.987	0.914	0.959	0.923	0.966	0.983	0.955	3.19
44) TM	Trichloroethene	0.455	0.395	0.392	0.374	0.381	0.379	0.396	7.59
45) C	1,2-Dichloropr...	0.305	0.381	0.419	0.396	0.412	0.409	0.387	10.89#
46) T	Dibromomethane	0.315	0.281	0.291	0.283	0.280	0.285	0.289	4.63
47) T	Bromodichlorom...	0.714	0.569	0.551	0.549	0.559	0.566	0.585	10.90
48) T	Methyl methacr...	0.401	0.375	0.429	0.430	0.466	0.472	0.429	8.70
49) T	1,4-Dioxane	0.009	0.008	0.009	0.009	0.012	0.010	0.010	14.04
50) S	Toluene-d8		1.302	1.261	1.278	1.271	1.281	1.279	1.17
51) T	4-Methyl-2-Pen...	0.483	0.576	0.671	0.628	0.678	0.687	0.620	12.76
52) CM	Toluene	0.910	0.872	0.945	0.912	0.939	0.939	0.919	3.01#
53) T	t-1,3-Dichloro...	0.628	0.587	0.634	0.611	0.656	0.668	0.631	4.67
54) T	cis-1,3-Dichlo...	0.631	0.617	0.659	0.646	0.679	0.689	0.653	4.27
55) T	1,1,2-Trichlor...	0.491	0.383	0.406	0.379	0.383	0.392	0.406	10.58
56) T	Ethyl methacry...	0.400	0.500	0.594	0.584	0.643	0.678	0.566	17.94

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57)	T	1,3-Dichloropr...	0.791	0.629	0.674	0.650	0.674	0.680	0.683	8.22
58)	T	2-Chloroethyl ...	0.060	0.075	0.103	0.113	0.152	0.163	0.111	37.00
59)	T	2-Hexanone	0.483	0.445	0.527	0.490	0.556	0.554	0.509	8.63
60)	T	Dibromochlorom...	0.522	0.414	0.446	0.438	0.446	0.464	0.455	8.02
61)	T	1,2-Dibromoethane	0.556	0.413	0.429	0.417	0.426	0.440	0.447	12.21
62)	S	4-Bromofluorob...		0.426	0.481	0.491	0.495	0.525	0.484	7.48
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.505	0.402	0.360	0.351	0.348	0.340	0.384	16.45
65)	PM	Chlorobenzene	1.084	1.047	1.070	1.022	1.061	1.062	1.058	2.00
66)	T	1,1,1,2-Tetrac...	0.383	0.405	0.400	0.395	0.407	0.418	0.401	2.99
67)	C	Ethyl Benzene	1.614	1.630	1.820	1.809	1.907	1.922	1.784	7.46#
68)	T	m/p-Xylenes	0.571	0.669	0.722	0.724	0.750	0.749	0.698	9.82
69)	T	o-Xylene	0.657	0.601	0.686	0.691	0.730	0.746	0.685	7.62
70)	T	Styrene	0.925	0.990	1.135	1.186	1.246	1.282	1.127	12.63
71)	P	Bromoform	0.329	0.357	0.363	0.373	0.389	0.415	0.371	7.89
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.612	3.195	3.371	3.344	3.399	3.447	3.228	9.71
74)	T	N-amyl acetate	0.832	1.145	1.525	1.494	1.668	1.710	1.396	24.40
75)	P	1,1,2,2-Tetrac...	1.270	1.296	1.371	1.251	1.363	1.353	1.317	3.91
76)	T	1,2,3-Trichlor...	1.538	1.618	1.651	1.528	1.668	1.669	1.612	3.97
77)	T	Bromobenzene	0.810	0.937	0.881	0.837	0.854	0.883	0.867	5.06
78)	T	n-propylbenzene	2.980	3.699	4.062	3.994	4.161	4.181	3.846	11.92
79)	T	2-Chlorotoluene	2.173	2.414	2.460	2.390	2.442	2.474	2.392	4.66
80)	T	1,3,5-Trimethy...	2.214	2.733	2.944	2.921	2.984	3.046	2.807	11.01
81)	T	trans-1,4-Dich...		0.384	0.415	0.437	0.489	0.495	0.444	10.77
82)	T	4-Chlorotoluene	2.322	2.687	2.881	2.829	2.896	2.944	2.760	8.41
83)	T	tert-Butylbenzene	2.125	2.629	2.745	2.758	2.898	3.009	2.694	11.44
84)	T	1,2,4-Trimethy...	1.821	2.549	2.961	2.935	3.030	3.098	2.732	17.78
85)	T	sec-Butylbenzene	2.626	3.116	3.534	3.506	3.689	3.753	3.371	12.67
86)	T	p-Isopropyltol...	2.312	2.567	3.020	3.032	3.178	3.258	2.894	12.87
87)	T	1,3-Dichlorobe...	1.688	1.725	1.720	1.631	1.713	1.721	1.700	2.12
88)	T	1,4-Dichlorobe...	2.023	1.711	1.698	1.649	1.730	1.724	1.756	7.63
89)	T	n-Butylbenzene	1.907	2.037	2.633	2.708	2.975	3.002	2.544	18.38
90)	T	Hexachloroethane	0.669	0.616	0.544	0.542	0.577	0.596	0.591	8.14
91)	T	1,2-Dichlorobe...	1.946	1.619	1.692	1.627	1.725	1.693	1.717	6.95
92)	T	1,2-Dibromo-3-...	0.386	0.367	0.369	0.367	0.398	0.389	0.379	3.56
93)	T	1,2,4-Trichlor...	0.975	1.162	1.111	1.114	1.216	1.183	1.127	7.52
94)	T	Hexachlorobuta...	0.607	0.630	0.486	0.483	0.528	0.506	0.540	11.73
95)	T	Naphthalene	2.820	2.881	3.491	3.649	4.000	4.127	3.495	15.73
96)	T	1,2,3-Trichlor...	1.003	1.134	1.104	1.117	1.173	1.166	1.116	5.52

(#) = Out of Range