

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N032522W.M
 Title : SW846 8260
 Last Update : Fri Mar 25 09:52:40 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN071528.D 5 =VN071529.D 20 =VN071530.D 50 =VN071531.D 100 =VN071532.D 150 =VN071533.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.550	0.511	0.539	0.496	0.539	0.494	0.522	4.63
3) P	Chloromethane	0.880	0.659	0.649	0.577	0.606	0.560	0.655	17.82
4) C	Vinyl Chloride	0.751	0.698	0.725	0.665	0.720	0.661	0.704	5.04#
5) T	Bromomethane		0.497	0.483	0.412	0.270	0.193	0.371	36.14
6) T	Chloroethane	0.573	0.507	0.468	0.424	0.445	0.412	0.472	12.80
7) T	Trichlorofluor...	0.891	0.803	0.832	0.770	0.823	0.753	0.812	6.03
8) T	Diethyl Ether	0.352	0.331	0.348	0.323	0.348	0.328	0.339	3.66
9) T	1,1,2-Trichlor...	0.546	0.483	0.498	0.459	0.484	0.448	0.487	7.09
10) T	Methyl Iodide		0.653	0.709	0.694	0.753	0.698	0.702	5.13
11) T	Tert butyl alc...		0.108	0.112	0.112	0.127	0.121	0.116	6.57
12) CM	1,1-Dichloroet...	0.507	0.464	0.487	0.460	0.499	0.458	0.479	4.39#
13) T	Acrolein		0.095	0.088	0.083	0.090	0.086	0.089	5.19
14) T	Allyl chloride	0.817	0.731	0.777	0.741	0.814	0.761	0.774	4.68
15) T	Acrylonitrile	0.332	0.304	0.318	0.303	0.325	0.306	0.315	3.92
16) T	Acetone	0.289	0.250	0.253	0.244	0.256	0.236	0.255	7.14
17) T	Carbon Disulfide	1.396	1.164	1.230	1.177	1.310	1.220	1.250	7.06
18) T	Methyl Acetate	1.133	0.776	0.681	0.653	0.695	0.642	0.763	24.49
19) T	Methyl tert-bu...	1.871	1.601	1.737	1.642	1.779	1.652	1.714	5.91
20) T	Methylene Chlo...	0.746	0.588	0.581	0.537	0.577	0.531	0.593	13.21
21) T	trans-1,2-Dich...	0.570	0.513	0.518	0.493	0.535	0.491	0.520	5.64
22) T	Diisopropyl ether	1.621	1.545	1.666	1.569	1.675	1.546	1.604	3.65
23) T	Vinyl Acetate	1.320	1.273	1.421	1.365	1.491	1.390	1.377	5.56
24) P	1,1-Dichloroet...	1.070	0.929	0.985	0.928	0.997	0.920	0.972	5.97
25) T	2-Butanone	0.420	0.393	0.407	0.397	0.431	0.403	0.409	3.49
26) T	2,2-Dichloropr...	0.843	0.789	0.830	0.785	0.843	0.788	0.813	3.50
27) T	cis-1,2-Dichlo...	0.637	0.607	0.646	0.590	0.645	0.594	0.620	4.15
28) T	Bromochloromet...	0.401	0.378	0.420	0.378	0.418	0.388	0.397	4.75
29) T	Tetrahydrofuran	0.280	0.264	0.282	0.263	0.280	0.261	0.272	3.71
30) C	Chloroform	0.993	0.989	1.003	0.931	1.003	0.925	0.974	3.70#
31) T	Cyclohexane		1.004	0.906	0.824	0.894	0.817	0.889	8.52
32) T	1,1,1-Trichlor...	0.886	0.804	0.868	0.820	0.885	0.827	0.848	4.23
33) S	1,2-Dichloroet...		0.616	0.645	0.591	0.646	0.608	0.621	3.89
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.308	0.334	0.300	0.328	0.301	0.314	4.95
36) T	1,1-Dichloropr...	0.477	0.433	0.462	0.435	0.476	0.435	0.453	4.66
37) T	Ethyl Acetate	0.479	0.456	0.532	0.496	0.520	0.480	0.494	5.76
38) T	Carbon Tetrach...	0.454	0.417	0.454	0.426	0.468	0.431	0.442	4.53
39) T	Methylcyclohexane	0.519	0.511	0.571	0.560	0.614	0.560	0.556	6.76
40) TM	Benzene	1.518	1.384	1.454	1.348	1.443	1.315	1.410	5.33
41) T	Methacrylonitrile	0.234	0.227	0.228	0.228	0.256	0.235	0.234	4.67
42) TM	1,2-Dichloroet...	0.542	0.484	0.504	0.472	0.499	0.451	0.492	6.36
43) T	Isopropyl Acetate	1.101	0.776	0.809	0.752	0.829	0.770	0.839	15.62
44) TM	Trichloroethene	0.386	0.355	0.373	0.348	0.384	0.350	0.366	4.72
45) C	1,2-Dichloropr...	0.364	0.341	0.362	0.335	0.361	0.333	0.349	4.10#
46) T	Dibromomethane	0.246	0.233	0.248	0.227	0.245	0.227	0.238	4.21
47) T	Bromodichlorom...	0.452	0.449	0.480	0.456	0.499	0.460	0.466	4.19
48) T	Methyl methacr...	0.336	0.299	0.370	0.361	0.398	0.374	0.357	9.64
49) T	1,4-Dioxane	0.008	0.008	0.008	0.008	0.009	0.008	0.008	5.62
50) S	Toluene-d8		1.239	1.340	1.198	1.332	1.229	1.267	5.06
51) T	4-Methyl-2-Pen...	0.454	0.467	0.511	0.488	0.538	0.509	0.494	6.28
52) CM	Toluene	0.850	0.852	0.932	0.865	0.940	0.858	0.883	4.72#
53) T	t-1,3-Dichloro...	0.451	0.448	0.508	0.503	0.564	0.533	0.501	9.12
54) T	cis-1,3-Dichlo...	0.530	0.503	0.562	0.549	0.610	0.563	0.553	6.53
55) T	1,1,2-Trichlor...	0.386	0.350	0.366	0.337	0.368	0.340	0.358	5.25
56) T	Ethyl methacry...	0.451	0.482	0.547	0.547	0.621	0.587	0.539	11.81

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57)	T	1,3-Dichloropr...	0.599	0.592	0.633	0.583	0.627	0.580	0.602	3.75
58)	T	2-Chloroethyl ...	0.074	0.102	0.120	0.158	0.180	0.180	0.136	32.41
59)	T	2-Hexanone	0.331	0.328	0.366	0.357	0.393	0.364	0.356	6.78
60)	T	Dibromochlorom...	0.346	0.328	0.371	0.352	0.398	0.371	0.361	6.72
61)	T	1,2-Dibromoethane	0.351	0.338	0.375	0.354	0.388	0.360	0.361	4.98
62)	S	4-Bromofluorob...	0.372	0.416	0.392	0.462	0.434	0.415		8.44
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.388	0.349	0.361	0.324	0.346	0.305	0.346	8.39
65)	PM	Chlorobenzene	1.133	1.046	1.094	1.004	1.092	0.995	1.061	5.16
66)	T	1,1,1,2-Tetrac...	0.370	0.357	0.398	0.363	0.399	0.365	0.375	4.90
67)	C	Ethyl Benzene	1.786	1.704	1.895	1.793	1.966	1.783	1.821	5.14#
68)	T	m/p-Xylenes	0.647	0.652	0.731	0.695	0.763	0.692	0.697	6.44
69)	T	o-Xylene	0.639	0.638	0.729	0.687	0.762	0.698	0.692	7.11
70)	T	Styrene	0.928	0.952	1.111	1.095	1.246	1.144	1.079	11.15
71)	P	Bromoform	0.276	0.264	0.304	0.295	0.334	0.298	0.295	8.15
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.449	4.492	4.585	4.198	4.537	4.188	4.408	3.92
74)	T	N-amyl acetate	1.522	1.323	1.361	1.401	1.504	1.391	1.417	5.59
75)	P	1,1,2,2-Tetrac...	1.972	1.586	1.537	1.358	1.359	1.194	1.501	18.00
76)	T	1,2,3-Trichlor...	1.223	1.254	1.184	1.019	1.064	0.945	1.115	11.08
77)	T	Bromobenzene	1.262	1.154	1.102	0.999	1.082	0.993	1.099	9.21
78)	T	n-propylbenzene	4.452	4.455	4.844	4.621	5.096	4.672	4.690	5.27
79)	T	2-Chlorotoluene	3.369	3.067	3.111	2.820	3.029	2.761	3.026	7.22
80)	T	1,3,5-Trimethy...	3.387	3.530	3.688	3.365	3.622	3.286	3.480	4.56
81)	T	trans-1,4-Dich...	0.380	0.412	0.409	0.460	0.422	0.416		6.96
82)	T	4-Chlorotoluene	2.936	2.701	2.849	2.664	2.918	2.650	2.786	4.66
83)	T	tert-Butylbenzene	3.031	3.194	3.277	3.040	3.324	2.982	3.141	4.55
84)	T	1,2,4-Trimethy...	3.232	3.301	3.549	3.290	3.570	3.205	3.358	4.78
85)	T	sec-Butylbenzene	3.865	4.066	4.325	4.112	4.523	4.090	4.164	5.50
86)	T	p-Isopropyltol...	2.845	3.199	3.453	3.374	3.710	3.333	3.319	8.66
87)	T	1,3-Dichlorobe...	1.992	1.757	1.779	1.692	1.820	1.652	1.782	6.71
88)	T	1,4-Dichlorobe...	2.194	1.671	1.733	1.638	1.748	1.583	1.761	12.51
89)	T	n-Butylbenzene	2.597	2.240	2.388	2.517	2.878	2.631	2.542	8.61
90)	T	Hexachloroethane	0.742	0.626	0.643	0.613	0.666	0.596	0.648	8.05
91)	T	1,2-Dichlorobe...	1.917	1.684	1.790	1.616	1.702	1.539	1.708	7.76
92)	T	1,2-Dibromo-3-...	0.287	0.236	0.265	0.247	0.272	0.257	0.261	7.02
93)	T	1,2,4-Trichlor...	0.891	0.590	0.741	0.771	0.890	0.866	0.792	14.82
94)	T	Hexachlorobuta...	0.593	0.483	0.496	0.452	0.446	0.403	0.479	13.52
95)	T	Naphthalene	2.097	1.379	1.986	2.304	2.727	2.651	2.190	22.57
96)	T	1,2,3-Trichlor...	0.862	0.573	0.758	0.774	0.892	0.853	0.785	14.82

(#) = Out of Range