

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N052422W.M
 Title : SW846 8260
 Last Update : Tue May 24 18:44:04 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN072582.D 5 =VN072583.D 10 =VN072584.D 20 =VN072585.D 50 =VN072586.D 100 =VN072587.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.522	0.530	0.471	0.438	0.427	0.439	0.471	9.57
3) P	Chloromethane	1.016	0.653	0.584	0.546	0.524	0.536	0.643	29.30
4) C	Vinyl Chloride	0.502	0.477	0.475	0.435	0.445	0.459	0.465	5.22#
5) T	Bromomethane		0.351	0.263	0.211	0.245	0.270	0.268	19.30
6) T	Chloroethane	0.639	0.372	0.306	0.287	0.280	0.274	0.360	39.29
7) T	Trichlorofluor...	0.733	0.897	0.816	0.751	0.751	0.778	0.787	7.75
8) T	Diethyl Ether	0.297	0.336	0.311	0.301	0.310	0.318	0.312	4.46
9) T	1,1,2-Trichlor...	0.514	0.520	0.474	0.450	0.440	0.458	0.476	7.07
10) T	Methyl Iodide		0.474	0.540	0.545	0.594	0.649	0.560	11.70
11) T	Tert butyl alc...		0.119	0.102	0.099	0.101	0.114	0.107	8.18
12) CM	1,1-Dichloroet...	0.455	0.490	0.426	0.411	0.419	0.443	0.440	6.59#
13) T	Acrolein		0.097	0.062	0.057	0.062	0.067	0.069	23.40
14) T	Allyl chloride	0.865	0.835	0.803	0.780	0.788	0.849	0.820	4.21
15) T	Acrylonitrile	0.321	0.348	0.343	0.332	0.340	0.359	0.341	3.79
16) T	Acetone	0.353	0.277	0.274	0.257	0.249	0.266	0.280	13.41
17) T	Carbon Disulfide	1.147	1.208	1.085	1.035	1.068	1.155	1.116	5.78
18) T	Methyl Acetate	1.536	0.912	0.838	0.750	0.727	0.766	0.921	33.51
19) T	Methyl tert-bu...	1.499	1.593	1.564	1.499	1.559	1.638	1.559	3.46
20) T	Methylene Chlo...		0.641	0.599	0.548	0.543	0.563	0.579	7.12
21) T	trans-1,2-Dich...	0.439	0.524	0.484	0.456	0.469	0.488	0.477	6.17
22) T	Diisopropyl ether	1.631	1.842	1.773	1.691	1.735	1.785	1.743	4.28
23) T	Vinyl Acetate	1.402	1.468	1.498	1.438	1.505	1.569	1.480	3.92
24) P	1,1-Dichloroet...	0.943	0.994	0.959	0.892	0.919	0.933	0.940	3.70
25) T	2-Butanone	0.531	0.465	0.455	0.453	0.452	0.475	0.472	6.46
26) T	2,2-Dichloropr...	0.781	0.731	0.714	0.691	0.696	0.729	0.724	4.53
27) T	cis-1,2-Dichlo...	0.644	0.615	0.603	0.562	0.586	0.599	0.601	4.58
28) T	Bromochloromet...	0.372	0.423	0.407	0.357	0.369	0.399	0.388	6.62
29) T	Tetrahydrofuran	0.268	0.286	0.302	0.298	0.294	0.313	0.294	5.13
30) C	Chloroform	1.058	1.056	0.986	0.924	0.948	0.955	0.988	5.79#
31) T	Cyclohexane		1.052	0.915	0.831	0.840	0.868	0.901	10.02
32) T	1,1,1-Trichlor...	0.857	0.851	0.822	0.780	0.808	0.847	0.828	3.60
33) S	1,2-Dichloroet...		0.667	0.553	0.522	0.524	0.577	0.569	10.45
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.368	0.299	0.311	0.302	0.341	0.324	9.17
36) T	1,1-Dichloropr...	0.439	0.484	0.464	0.441	0.444	0.477	0.458	4.28
37) T	Ethyl Acetate	0.559	0.643	0.616	0.586	0.563	0.629	0.599	5.87
38) T	Carbon Tetrach...	0.486	0.501	0.495	0.461	0.467	0.493	0.484	3.36
39) T	Methylcyclohexane	0.532	0.588	0.547	0.539	0.574	0.609	0.565	5.38
40) TM	Benzene	1.516	1.552	1.476	1.411	1.425	1.497	1.479	3.66
41) T	Methacrylonitrile	0.309	0.283	0.313	0.272	0.323	0.310	0.302	6.51
42) TM	1,2-Dichloroet...	0.455	0.522	0.489	0.465	0.471	0.474	0.479	4.91
43) T	Isopropyl Acetate	0.805	0.815	0.847	0.821	0.871	0.940	0.850	5.91
44) TM	Trichloroethene	0.392	0.395	0.373	0.361	0.372	0.389	0.380	3.59
45) C	1,2-Dichloropr...	0.389	0.402	0.382	0.369	0.370	0.392	0.384	3.35#
46) T	Dibromomethane	0.258	0.277	0.250	0.238	0.251	0.263	0.256	5.17
47) T	Bromodichlorom...	0.499	0.500	0.498	0.485	0.494	0.521	0.499	2.39
48) T	Methyl methacr...	0.382	0.415	0.408	0.403	0.416	0.456	0.413	5.90
49) T	1,4-Dioxane	0.006	0.008	0.008	0.008	0.008	0.009	0.008	11.46
50) S	Toluene-d8		1.354	1.157	1.147	1.184	1.346	1.237	8.37
51) T	4-Methyl-2-Pen...	0.520	0.565	0.604	0.586	0.590	0.626	0.582	6.24
52) CM	Toluene	0.879	0.961	0.955	0.923	0.921	0.982	0.937	3.90#
53) T	t-1,3-Dichloro...	0.422	0.490	0.520	0.497	0.534	0.600	0.510	11.46
54) T	cis-1,3-Dichlo...	0.527	0.564	0.568	0.563	0.589	0.638	0.575	6.38
55) T	1,1,2-Trichlor...	0.365	0.399	0.389	0.387	0.390	0.402	0.389	3.39
56) T	Ethyl methacry...	0.523	0.577	0.606	0.589	0.622	0.675	0.599	8.45

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57)	T	1,3-Dichloropr...	0.611	0.690	0.668	0.639	0.643	0.680	0.655	4.51
58)	T	2-Chloroethyl ...	0.248	0.236	0.255	0.238	0.269	0.291	0.256	8.17
59)	T	2-Hexanone	0.361	0.400	0.422	0.429	0.420	0.443	0.412	6.98
60)	T	Dibromochlorom...	0.406	0.418	0.406	0.399	0.421	0.445	0.416	3.98
61)	T	1,2-Dibromoethane	0.394	0.413	0.396	0.393	0.405	0.431	0.405	3.66
62)	S	4-Bromofluorob...		0.445	0.355	0.361	0.392	0.460	0.402	11.86
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.351	0.371	0.383	0.365	0.362	0.385	0.369	3.51
65)	PM	Chlorobenzene	1.238	1.148	1.116	1.055	1.045	1.111	1.119	6.28
66)	T	1,1,1,2-Tetrac...	0.442	0.411	0.428	0.410	0.414	0.433	0.423	3.17
67)	C	Ethyl Benzene	1.865	1.884	1.895	1.850	1.905	2.028	1.904	3.35#
68)	T	m/p-Xylenes	0.645	0.738	0.749	0.715	0.728	0.779	0.726	6.21
69)	T	o-Xylene	0.611	0.688	0.710	0.708	0.720	0.773	0.702	7.55
70)	T	Styrene	0.977	1.136	1.129	1.123	1.178	1.271	1.136	8.42
71)	P	Bromoform	0.329	0.358	0.348	0.338	0.343	0.370	0.348	4.26
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.327	4.494	4.727	4.353	4.318	4.505	4.454	3.53
74)	T	N-amyl acetate	1.348	1.518	1.688	1.652	1.648	1.737	1.599	8.91
75)	P	1,1,2,2-Tetrac...	1.796	1.654	1.678	1.519	1.409	1.381	1.573	10.41
76)	T	1,2,3-Trichlor...	1.352	1.335	1.575	1.281	1.375	1.227	1.357	8.77
77)	T	Bromobenzene	1.083	1.199	1.130	1.055	1.064	1.098	1.105	4.83
78)	T	n-propylbenzene	4.570	4.948	5.166	4.787	4.904	5.255	4.939	5.05
79)	T	2-Chlorotoluene	3.153	3.186	3.182	2.889	2.893	3.004	3.051	4.62
80)	T	1,3,5-Trimethy...	3.089	3.511	3.674	3.472	3.430	3.610	3.464	5.91
81)	T	trans-1,4-Dich...		0.465	0.467	0.429	0.463	0.489	0.463	4.65
82)	T	4-Chlorotoluene	2.511	2.935	2.930	2.735	2.714	2.914	2.790	6.06
83)	T	tert-Butylbenzene	3.006	3.166	3.455	3.166	3.216	3.348	3.226	4.87
84)	T	1,2,4-Trimethy...	3.031	3.425	3.600	3.395	3.383	3.549	3.397	5.88
85)	T	sec-Butylbenzene	3.626	4.398	4.566	4.265	4.364	4.666	4.314	8.50
86)	T	p-Isopropyltol...	2.777	3.354	3.546	3.379	3.541	3.812	3.402	10.20
87)	T	1,3-Dichlorobe...	1.919	1.930	1.893	1.777	1.783	1.887	1.865	3.63
88)	T	1,4-Dichlorobe...	1.935	1.948	1.803	1.704	1.730	1.856	1.829	5.58
89)	T	n-Butylbenzene	2.653	2.643	2.634	2.589	2.809	3.140	2.745	7.57
90)	T	Hexachloroethane	0.679	0.732	0.676	0.647	0.627	0.673	0.672	5.29
91)	T	1,2-Dichlorobe...	1.754	1.830	1.826	1.769	1.727	1.812	1.786	2.39
92)	T	1,2-Dibromo-3-...	0.263	0.247	0.275	0.278	0.261	0.285	0.268	5.14
93)	T	1,2,4-Trichlor...	0.751	0.912	0.984	0.931	0.982	1.085	0.941	11.77
94)	T	Hexachlorobuta...	0.582	0.595	0.574	0.532	0.525	0.523	0.555	5.76
95)	T	Naphthalene	2.669	2.712	3.154	3.093	3.333	3.709	3.112	12.56
96)	T	1,2,3-Trichlor...	0.903	0.995	1.030	0.988	1.019	1.109	1.007	6.64

(#) = Out of Range