

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N122721W.M
 Title : SW846 8260
 Last Update : Mon Dec 27 18:47:12 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN070305.D 5 =VN070306.D 20 =VN070307.D 50 =VN070308.D 100 =VN070309.D 150 =VN070312.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.590	0.519	0.576	0.595	0.576	0.545	0.567	5.17
3) P	Chloromethane	0.989	0.759	0.741	0.751	0.715	0.672	0.771	14.44
4) C	Vinyl Chloride	0.815	0.697	0.685	0.698	0.688	0.631	0.702	8.64#
5) T	Bromomethane		0.421	0.385	0.391	0.356	0.259	0.362	17.15
6) T	Chloroethane	0.522	0.420	0.408	0.420	0.403	0.364	0.423	12.45
7) T	Trichlorofluor...	0.981	0.836	0.826	0.848	0.823	0.758	0.845	8.68
8) T	Diethyl Ether	0.438	0.361	0.359	0.373	0.368	0.337	0.373	9.14
9) T	1,1,2-Trichlor...	0.570	0.511	0.513	0.526	0.508	0.473	0.517	6.06
10) T	Methyl Iodide		0.644	0.690	0.744	0.746	0.674	0.700	6.41
11) T	Tert butyl alc...		0.120	0.113	0.120	0.126	0.119	0.120	4.00
12) CM	1,1-Dichloroet...	0.589	0.496	0.489	0.515	0.506	0.460	0.509	8.48#
13) T	Acrolein		0.120	0.090	0.095	0.097	0.084	0.097	14.03
14) T	Allyl chloride	1.339	1.079	1.090	1.168	1.173	1.079	1.155	8.68
15) T	Acrylonitrile	0.403	0.369	0.363	0.382	0.382	0.342	0.374	5.57
16) T	Acetone	0.536	0.412	0.506	0.491	0.459	0.396	0.467	11.79
17) T	Carbon Disulfide	1.591	1.286	1.308	1.412	1.410	1.332	1.390	8.02
18) T	Methyl Acetate	1.636	1.357	1.284	1.341	1.314	1.168	1.350	11.51
19) T	Methyl tert-bu...	2.046	1.786	1.866	1.954	1.920	1.775	1.891	5.49
20) T	Methylene Chlo...	0.819	0.651	0.610	0.626	0.609	0.559	0.646	13.97
21) T	trans-1,2-Dich...	0.610	0.516	0.533	0.549	0.533	0.494	0.539	7.36
22) T	Diisopropyl ether	2.511	2.165	2.209	2.279	2.246	2.081	2.249	6.49
23) T	Vinyl Acetate	1.795	1.655	1.717	1.831	1.820	1.651	1.745	4.67
24) P	1,1-Dichloroet...	1.345	1.151	1.122	1.167	1.150	1.062	1.166	8.17
25) T	2-Butanone	0.635	0.547	0.597	0.613	0.601	0.532	0.588	6.78
26) T	2,2-Dichloropr...	1.000	0.877	0.873	0.934	0.938	0.897	0.920	5.21
27) T	cis-1,2-Dichlo...	0.704	0.625	0.628	0.658	0.645	0.600	0.643	5.52
28) T	Bromochloromet...	0.614	0.536	0.575	0.573	0.573	0.550	0.570	4.62
29) T	Tetrahydrofuran	0.363	0.342	0.348	0.365	0.365	0.321	0.351	4.96
30) C	Chloroform	1.279	1.107	1.100	1.132	1.107	1.025	1.125	7.43#
31) T	Cyclohexane		1.290	1.123	1.133	1.097	1.028	1.134	8.49
32) T	1,1,1-Trichlor...	1.013	0.917	0.927	0.973	0.965	0.897	0.948	4.53
33) S	1,2-Dichloroet...		0.734	0.715	0.719	0.729	0.698	0.719	1.91
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.296	0.305	0.307	0.309	0.297	0.303	1.98
36) T	1,1-Dichloropr...	0.549	0.471	0.489	0.508	0.504	0.482	0.500	5.47
37) T	Ethyl Acetate	0.732	0.611	0.647	0.662	0.655	0.586	0.649	7.69
38) T	Carbon Tetrach...	0.537	0.445	0.460	0.487	0.483	0.455	0.478	6.94
39) T	Methylcyclohexane	0.625	0.561	0.585	0.628	0.626	0.610	0.606	4.50
40) TM	Benzene	1.693	1.530	1.510	1.551	1.511	1.410	1.534	5.99
41) T	Methacrylonitrile	0.310	0.323	0.314	0.341	0.346	0.312	0.324	4.79
42) TM	1,2-Dichloroet...	0.664	0.563	0.564	0.573	0.565	0.530	0.577	7.87
43) T	Isopropyl Acetate	1.102	0.961	0.993	1.037	1.055	0.988	1.023	5.07
44) TM	Trichloroethene	0.403	0.361	0.352	0.364	0.361	0.347	0.365	5.42
45) C	1,2-Dichloropr...	0.461	0.400	0.403	0.420	0.411	0.384	0.413	6.37#
46) T	Dibromomethane	0.285	0.250	0.252	0.261	0.255	0.240	0.257	5.93
47) T	Bromodichlorom...	0.541	0.473	0.491	0.529	0.526	0.500	0.510	5.08
48) T	Methyl methacr...	0.467	0.444	0.452	0.529	0.537	0.498	0.488	8.11
49) T	1,4-Dioxane	0.008	0.006	0.007	0.007	0.008	0.007	0.007	7.43
50) S	Toluene-d8		1.247	1.223	1.236	1.258	1.215	1.236	1.40
51) T	4-Methyl-2-Pen...	0.661	0.614	0.637	0.673	0.684	0.588	0.643	5.73
52) CM	Toluene	0.960	0.901	0.916	0.958	0.947	0.891	0.929	3.23#
53) T	t-1,3-Dichloro...	0.506	0.489	0.526	0.587	0.611	0.594	0.552	9.36
54) T	cis-1,3-Dichlo...	0.569	0.529	0.584	0.637	0.644	0.620	0.597	7.45
55) T	1,1,2-Trichlor...	0.396	0.361	0.359	0.373	0.369	0.347	0.367	4.49
56) T	Ethyl methacry...	0.562	0.533	0.579	0.642	0.680	0.647	0.607	9.41

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57)	T	1,3-Dichloropr...	0.696	0.632	0.632	0.661	0.662	0.618	0.650	4.38
58)	T	2-Chloroethyl ...	0.076	0.102	0.117	0.140	0.163	0.165	0.127	27.79
59)	T	2-Hexanone	0.460	0.419	0.468	0.506	0.508	0.451	0.469	7.30
60)	T	Dibromochlorom...	0.344	0.319	0.343	0.380	0.390	0.374	0.359	7.61
61)	T	1,2-Dibromoethane	0.376	0.357	0.361	0.383	0.392	0.369	0.373	3.60
62)	S	4-Bromofluorob...	0.389	0.418	0.458	0.488	0.479	0.446		9.38
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.454	0.369	0.357	0.354	0.327	0.311	0.362	13.77
65)	PM	Chlorobenzene	1.188	1.055	1.023	1.072	1.043	0.985	1.061	6.51
66)	T	1,1,1,2-Tetrac...	0.434	0.364	0.370	0.384	0.369	0.351	0.379	7.67
67)	C	Ethyl Benzene	2.090	1.898	1.904	2.015	1.934	1.823	1.944	4.87#
68)	T	m/p-Xylenes	0.720	0.677	0.702	0.740	0.718	0.688	0.708	3.27
69)	T	o-Xylene	0.711	0.656	0.694	0.740	0.727	0.695	0.704	4.20
70)	T	Styrene	1.016	0.998	1.093	1.207	1.206	1.163	1.114	8.32
71)	P	Bromoform	0.287	0.239	0.265	0.302	0.311	0.283	0.281	9.26
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	5.203	4.785	4.519	4.592	4.544	4.216	4.643	7.10
74)	T	N-amyl acetate	2.422	1.733	1.745	1.958	2.011	1.846	1.952	13.09
75)	P	1,1,2,2-Tetrac...	2.093	1.688	1.505	1.492	1.386	1.191	1.559	19.76
76)	T	1,2,3-Trichlor...	1.908	1.413	1.316	1.342	1.440	1.589	1.501	14.72
77)	T	Bromobenzene	1.285	1.060	1.025	1.053	1.037	0.936	1.066	10.91
78)	T	n-propylbenzene	5.527	4.920	5.019	5.216	5.250	4.935	5.145	4.54
79)	T	2-Chlorotoluene	3.900	3.416	3.134	3.217	3.198	2.940	3.301	10.02
80)	T	1,3,5-Trimethy...	3.954	3.809	3.668	3.763	3.697	3.435	3.721	4.64
81)	T	trans-1,4-Dich...	0.349	0.377	0.438	0.464	0.418	0.409		11.30
82)	T	4-Chlorotoluene	3.562	3.001	2.960	3.067	3.081	2.880	3.092	7.82
83)	T	tert-Butylbenzene	3.682	3.314	3.174	3.263	3.251	2.973	3.276	7.08
84)	T	1,2,4-Trimethy...	3.757	3.546	3.583	3.689	3.609	3.313	3.583	4.26
85)	T	sec-Butylbenzene	4.685	4.355	4.318	4.535	4.565	4.230	4.448	3.90
86)	T	p-Isopropyltol...	3.613	3.272	3.391	3.632	3.646	3.411	3.494	4.49
87)	T	1,3-Dichlorobe...	2.150	1.756	1.703	1.765	1.715	1.617	1.785	10.47
88)	T	1,4-Dichlorobe...	2.281	1.687	1.619	1.703	1.676	1.596	1.760	14.67
89)	T	n-Butylbenzene	3.211	2.530	2.607	2.984	3.121	3.034	2.915	9.61
90)	T	Hexachloroethane	0.619	0.568	0.580	0.632	0.656	0.587	0.607	5.62
91)	T	1,2-Dichlorobe...	2.243	1.736	1.663	1.698	1.634	1.522	1.749	14.44
92)	T	1,2-Dibromo-3-...	0.330	0.239	0.248	0.268	0.277	0.251	0.269	12.32
93)	T	1,2,4-Trichlor...	1.083	0.630	0.706	0.811	0.860	0.857	0.824	18.85
94)	T	Hexachlorobuta...	0.599	0.474	0.465	0.470	0.449	0.417	0.479	13.01
95)	T	Naphthalene	3.285	1.451	1.746	2.215	2.449	2.292	2.240	28.28
96)	T	1,2,3-Trichlor...	1.117	0.633	0.684	0.786	0.818	0.789	0.804	20.96

(#) = Out of Range