

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N081721W.M
 Title : SW846 8260
 Last Update : Tue Aug 17 13:09:49 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN068133.D 5 =VN068134.D 10 =VN068135.D 20 =VN068136.D 50 =VN068137.D 100 =VN068138.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.414	0.385	0.420	0.429	0.365	0.364	0.396	7.22
3) P	Chloromethane	0.497	0.484	0.470	0.469	0.392	0.374	0.448	11.49
4) C	Vinyl Chloride	0.747	0.744	0.758	0.750	0.620	0.589	0.701	10.81#
5) T	Bromomethane		0.755	0.676	0.681	0.530	0.540	0.636	15.38
6) T	Chloroethane	0.653	0.577	0.575	0.555	0.460	0.392	0.535	17.48
7) T	Trichlorofluor...	1.555	1.466	1.468	1.458	1.206	1.120	1.379	12.54
8) T	Diethyl Ether	0.252	0.368	0.321	0.340	0.315	0.323	0.320	11.97
9) T	1,1,2-Trichlor...	0.447	0.440	0.447	0.452	0.375	0.368	0.422	9.24
10) T	Methyl Iodide		0.558	0.594	0.641	0.589	0.615	0.599	5.18
11) T	Tert butyl alc...		0.072	0.069	0.067	0.060	0.064	0.067	6.62
12) CM	1,1-Dichloroet...	0.462	0.421	0.411	0.422	0.357	0.360	0.405	9.97#
13) T	Acrolein		0.065	0.055	0.048	0.040	0.044	0.050	19.40
14) T	Allyl chloride	0.563	0.542	0.518	0.539	0.469	0.478	0.518	7.19
15) T	Acrylonitrile	0.177	0.201	0.197	0.196	0.177	0.178	0.188	6.12
16) T	Acetone	0.186	0.165	0.165	0.155	0.134	0.130	0.156	13.47
17) T	Carbon Disulfide	1.107	1.057	1.077	1.098	0.961	0.987	1.048	5.76
18) T	Methyl Acetate	1.026	0.609	0.499	0.487	0.395	0.384	0.567	42.26
19) T	Methyl tert-bu...	1.279	1.298	1.355	1.383	1.254	1.272	1.307	3.89
20) T	Methylene Chlo...	0.714	0.564	0.503	0.517	0.425	0.421	0.524	20.61
21) T	trans-1,2-Dich...	0.472	0.461	0.468	0.474	0.418	0.431	0.454	5.23
22) T	Diisopropyl ether	0.994	1.191	1.193	1.234	1.106	1.072	1.132	8.01
23) T	Vinyl Acetate	0.841	0.878	0.907	0.939	0.870	0.851	0.881	4.14
24) P	1,1-Dichloroet...	0.805	0.792	0.780	0.789	0.693	0.679	0.756	7.30
25) T	2-Butanone	0.243	0.257	0.254	0.253	0.227	0.224	0.243	5.95
26) T	2,2-Dichloropr...	0.693	0.646	0.659	0.673	0.607	0.610	0.648	5.29
27) T	cis-1,2-Dichlo...	0.583	0.554	0.543	0.574	0.502	0.505	0.543	6.31
28) T	Bromochloromet...	0.333	0.379	0.280	0.384	0.307	0.312	0.333	12.57
29) T	Tetrahydrofuran	0.155	0.162	0.155	0.164	0.151	0.145	0.155	4.55
30) C	Chloroform	0.993	0.920	0.904	0.953	0.830	0.806	0.901	7.97#
31) T	Cyclohexane		0.829	0.746	0.710	0.623	0.607	0.703	12.99
32) T	1,1,1-Trichlor...	0.811	0.809	0.823	0.849	0.765	0.762	0.803	4.22
33) S	1,2-Dichloroet...		0.648	0.511	0.574	0.469	0.468	0.534	14.40
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.355	0.279	0.325	0.298	0.313	0.314	9.09
36) T	1,1-Dichloropr...	0.417	0.386	0.406	0.420	0.409	0.415	0.409	3.00
37) T	Ethyl Acetate	0.363	0.367	0.362	0.334	0.332	0.330	0.348	5.12
38) T	Carbon Tetrach...	0.449	0.462	0.460	0.487	0.479	0.492	0.471	3.63
39) T	Methylcyclohexane	0.444	0.451	0.441	0.467	0.475	0.491	0.462	4.24
40) TM	Benzene	1.206	1.243	1.234	1.285	1.260	1.257	1.248	2.15
41) T	Methacrylonitrile	0.145	0.161	0.159	0.169	0.157	0.162	0.159	4.88
42) TM	1,2-Dichloroet...	0.434	0.435	0.420	0.435	0.418	0.407	0.425	2.77
43) T	Isopropyl Acetate	0.529	0.543	0.561	0.579	0.569	0.566	0.558	3.34
44) TM	Trichloroethene	0.363	0.370	0.364	0.389	0.378	0.387	0.375	3.00
45) C	1,2-Dichloropr...	0.284	0.285	0.290	0.308	0.295	0.299	0.293	3.12#
46) T	Dibromomethane	0.237	0.230	0.244	0.248	0.237	0.240	0.239	2.60
47) T	Bromodichlorom...	0.430	0.429	0.437	0.460	0.452	0.460	0.445	3.27
48) T	Methyl methacr...	0.203	0.224	0.228	0.243	0.245	0.251	0.232	7.53
49) T	1,4-Dioxane	0.005	0.005	0.005	0.005	0.006	0.006	0.006	5.70
50) S	Toluene-d8		1.308	1.036	1.242	1.170	1.224	1.196	8.52
51) T	4-Methyl-2-Pen...	0.302	0.342	0.339	0.361	0.357	0.355	0.343	6.37
52) CM	Toluene	0.782	0.833	0.821	0.903	0.882	0.882	0.850	5.41#
53) T	t-1,3-Dichloro...	0.358	0.417	0.413	0.460	0.474	0.499	0.437	11.64
54) T	cis-1,3-Dichlo...	0.415	0.454	0.457	0.497	0.495	0.521	0.473	8.14
55) T	1,1,2-Trichlor...	0.334	0.341	0.323	0.352	0.342	0.347	0.340	3.03
56) T	Ethyl methacry...	0.366	0.411	0.417	0.458	0.473	0.494	0.436	10.79

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57)	T	1,3-Dichloropr...	0.516	0.521	0.511	0.539	0.525	0.529	0.523	1.89
58)	T	2-Chloroethyl ...	0.051	0.074	0.054	0.073	0.081	0.101	0.072	25.22
59)	T	2-Hexanone	0.209	0.235	0.225	0.249	0.256	0.253	0.238	7.66
60)	T	Dibromochlorom...	0.336	0.355	0.366	0.400	0.413	0.430	0.383	9.52
61)	T	1,2-Dibromoethane	0.303	0.342	0.344	0.371	0.372	0.382	0.352	8.19
62)	S	4-Bromofluorob...		0.419	0.327	0.401	0.404	0.440	0.398	10.68
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.364	0.377	0.395	0.398	0.391	0.395	0.387	3.50
65)	PM	Chlorobenzene	1.021	1.020	0.998	1.056	1.018	1.030	1.024	1.85
66)	T	1,1,1,2-Tetrac...	0.355	0.363	0.385	0.408	0.402	0.405	0.386	5.86
67)	C	Ethyl Benzene	1.562	1.628	1.673	1.779	1.747	1.743	1.689	4.91#
68)	T	m/p-Xylenes	0.593	0.653	0.653	0.726	0.715	0.713	0.676	7.63
69)	T	o-Xylene	0.570	0.622	0.624	0.699	0.694	0.708	0.653	8.53
70)	T	Styrene	0.845	0.964	1.004	1.132	1.150	1.172	1.045	12.34
71)	P	Bromoform	0.260	0.273	0.285	0.315	0.353	0.373	0.310	14.75
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.589	3.719	3.744	3.607	3.264	3.413	3.556	5.20
74)	T	N-amyl acetate	0.963	0.955	0.904	0.944	0.878	0.912	0.926	3.61
75)	P	1,1,2,2-Tetrac...	1.219	1.145	1.141	1.057	0.915	0.922	1.066	11.78
76)	T	1,2,3-Trichlor...	0.877	0.914	0.900	0.774	0.730	0.790	0.831	9.14
77)	T	Bromobenzene	0.988	1.026	0.973	0.966	0.930	0.994	0.980	3.28
78)	T	n-propylbenzene	3.799	3.974	3.911	3.906	3.562	3.736	3.815	3.94
79)	T	2-Chlorotoluene	2.422	2.517	2.458	2.405	2.136	2.217	2.359	6.31
80)	T	1,3,5-Trimethy...	2.658	3.023	3.022	3.007	2.718	2.833	2.877	5.70
81)	T	trans-1,4-Dich...		0.246	0.240	0.247	0.257	0.279	0.254	6.05
82)	T	4-Chlorotoluene	2.246	2.388	2.398	2.362	2.115	2.230	2.290	4.90
83)	T	tert-Butylbenzene	2.636	2.604	2.558	2.607	2.396	2.526	2.555	3.40
84)	T	1,2,4-Trimethy...	2.622	2.844	2.950	2.929	2.686	2.818	2.808	4.66
85)	T	sec-Butylbenzene	3.263	3.443	3.413	3.520	3.184	3.359	3.364	3.66
86)	T	p-Isopropyltol...	2.568	2.713	2.787	2.881	2.756	2.954	2.776	4.84
87)	T	1,3-Dichlorobe...	1.637	1.618	1.660	1.729	1.637	1.742	1.671	3.13
88)	T	1,4-Dichlorobe...	1.794	1.665	1.692	1.700	1.617	1.686	1.692	3.42
89)	T	n-Butylbenzene	2.017	2.051	2.053	2.102	2.001	2.203	2.071	3.55
90)	T	Hexachloroethane	0.522	0.522	0.516	0.511	0.490	0.529	0.515	2.62
91)	T	1,2-Dichlorobe...	1.589	1.557	1.608	1.629	1.560	1.599	1.591	1.74
92)	T	1,2-Dibromo-3-...	0.157	0.170	0.172	0.163	0.150	0.157	0.162	5.23
93)	T	1,2,4-Trichlor...	0.595	0.587	0.633	0.710	0.756	0.879	0.693	16.21
94)	T	Hexachlorobuta...	0.450	0.422	0.421	0.421	0.417	0.453	0.431	3.80
95)	T	Naphthalene	0.974	1.172	1.347	1.552	1.785	2.084	1.486	27.44
96)	T	1,2,3-Trichlor...	0.474	0.542	0.598	0.654	0.722	0.835	0.638	20.33

(#) = Out of Range