

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N050923W.M
 Title : SW846 8260
 Last Update : Wed May 10 13:06:57 2023
 Response Via : Initial Calibration

Calibration Files

1 =VN077623.D 5 =VN077624.D 10 =VN077625.D 20 =VN077626.D 50 =VN077627.D 100 =VN077628.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.491	0.575	0.552	0.600	0.596	0.539	0.559	7.36
3) P	Chloromethane	0.654	0.533	0.483	0.484	0.444	0.424	0.504	16.38
4) C	Vinyl Chloride	0.704	0.692	0.627	0.700	0.642	0.635	0.667	5.35#
5) T	Bromomethane		0.618	0.503	0.553	0.473	0.500	0.529	10.79
6) T	Chloroethane	0.546	0.482	0.435	0.468	0.417	0.427	0.462	10.35
7) T	Trichlorofluor...	0.956	1.186	1.105	0.902	1.114	1.006	1.045	10.31
8) T	Diethyl Ether	0.292	0.321	0.305	0.316	0.301	0.308	0.307	3.42
9) T	1,1,2-Trichlor...	0.549	0.558	0.494	0.527	0.518	0.487	0.522	5.47
10) T	Methyl Iodide	0.750	0.739	0.729	0.761	0.809	0.816	0.767	4.80
11) T	Tert butyl alc...		0.076	0.073	0.077	0.074	0.072	0.075	2.83
12) CM	1,1-Dichloroet...	0.514	0.498	0.489	0.498	0.496	0.482	0.496	2.17#
13) T	Acrolein		0.087	0.071	0.065	0.067	0.072	0.072	11.85
14) T	Allyl chloride	0.505	0.491	0.469	0.480	0.479	0.532	0.493	4.63
15) T	Acrylonitrile	0.180	0.189	0.178	0.190	0.182	0.188	0.185	2.76
16) T	Acetone	0.184	0.154	0.142	0.150	0.138	0.136	0.151	11.92
17) T	Carbon Disulfide	1.239	1.197	1.110	1.197	1.198	1.218	1.193	3.71
18) T	Methyl Acetate	0.663	0.629	0.545	0.602	0.563	0.579	0.597	7.30
19) T	Methyl tert-bu...	1.639	1.681	1.527	1.663	1.593	1.694	1.633	3.84
20) T	Methylene Chlo...	0.782	0.664	0.566	0.605	0.569	0.558	0.624	13.95
21) T	trans-1,2-Dich...	0.587	0.552	0.546	0.564	0.545	0.574	0.561	3.01
22) T	Diisopropyl ether	1.244	1.273	1.167	1.206	1.188	1.222	1.217	3.15
23) T	Vinyl Acetate	0.528	0.700	0.561	0.738	0.746	0.772	0.674	15.37
24) P	1,1-Dichloroet...	0.984	0.931	0.876	0.922	0.903	0.917	0.922	3.89
25) T	2-Butanone	0.249	0.226	0.212	0.219	0.208	0.207	0.220	7.28
26) T	2,2-Dichloropr...	0.847	0.798	0.799	0.853	0.857	0.862	0.836	3.51
27) T	cis-1,2-Dichlo...	0.758	0.719	0.613	0.658	0.676	0.671	0.683	7.38
28) T	Bromochloromet...	0.389	0.320	0.310	0.347	0.308	0.347	0.337	9.15
29) T	Tetrahydrofuran	0.136	0.138	0.132	0.133	0.135	0.137	0.135	1.67
30) C	Chloroform	1.154	1.095	1.028	1.086	1.088	1.106	1.093	3.69#
31) T	Cyclohexane		0.973	0.801	0.797	0.761	0.722	0.810	11.86
32) T	1,1,1-Trichlor...	1.052	0.990	0.958	0.998	1.014	1.026	1.006	3.21
33) S	1,2-Dichloroet...		0.701	0.586	0.626	0.615	0.641	0.634	6.70
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.329	0.301	0.313	0.303	0.313	0.312	3.53
36) T	1,1-Dichloropr...	0.473	0.399	0.422	0.430	0.433	0.424	0.430	5.61
37) T	Ethyl Acetate	0.282	0.250	0.220	0.238	0.246	0.239	0.246	8.24
38) T	Carbon Tetrach...	0.493	0.464	0.445	0.459	0.485	0.475	0.470	3.72
39) T	Methylcyclohexane	0.501	0.529	0.498	0.564	0.575	0.538	0.534	5.91
40) TM	Benzene	1.387	1.292	1.250	1.310	1.295	1.278	1.302	3.56
41) T	Methacrylonitrile	0.144	0.124	0.127	0.136	0.138	0.138	0.134	5.64
42) TM	1,2-Dichloroet...	0.470	0.451	0.420	0.432	0.425	0.422	0.437	4.52
43) T	Isopropyl Acetate	0.421	0.423	0.421	0.444	0.439	0.441	0.431	2.52
44) TM	Trichloroethene	0.385	0.324	0.319	0.338	0.344	0.342	0.342	6.78
45) C	1,2-Dichloropr...	0.333	0.314	0.275	0.299	0.291	0.285	0.299	7.08#
46) T	Dibromomethane	0.225	0.244	0.220	0.234	0.240	0.235	0.233	3.85
47) T	Bromodichlorom...	0.439	0.442	0.435	0.461	0.470	0.482	0.455	4.18
48) T	Methyl methacr...	0.216	0.205	0.193	0.202	0.201	0.199	0.202	3.76
49) T	1,4-Dioxane	0.007	0.006	0.006	0.006	0.006	0.006	0.006	5.81
50) S	Toluene-d8		1.179	1.091	1.203	1.190	1.240	1.181	4.67
51) T	4-Methyl-2-Pen...	0.260	0.259	0.244	0.264	0.250	0.246	0.254	3.33
52) CM	Toluene	0.893	0.822	0.812	0.881	0.893	0.894	0.866	4.43#
53) T	t-1,3-Dichloro...	0.420	0.389	0.393	0.465	0.487	0.504	0.443	11.08
54) T	cis-1,3-Dichlo...	0.529	0.475	0.456	0.501	0.530	0.534	0.504	6.51
55) T	1,1,2-Trichlor...	0.358	0.331	0.316	0.333	0.339	0.336	0.336	4.08
56) T	Ethyl methacry...	0.397	0.388	0.402	0.443	0.451	0.460	0.423	7.43

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57)	T	1,3-Dichloropr...	0.560	0.532	0.509	0.551	0.553	0.534	0.540	3.45
58)	T	2-Chloroethyl ...	0.115	0.170	0.192	0.173	0.200	0.196	0.175	18.06
59)	T	2-Hexanone	0.175	0.183	0.171	0.188	0.181	0.179	0.179	3.45
60)	T	Dibromochlorom...	0.292	0.310	0.312	0.344	0.366	0.376	0.333	10.16
61)	T	1,2-Dibromoethane	0.312	0.319	0.309	0.342	0.348	0.351	0.330	5.79
62)	S	4-Bromofluorob...	0.384	0.351	0.396	0.421	0.445	0.399		9.01
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.310	0.284	0.294	0.299	0.300	0.298	0.298	2.91
65)	PM	Chlorobenzene	1.020	1.054	0.984	1.020	1.024	1.065	1.028	2.79
66)	T	1,1,1,2-Tetrac...	0.370	0.366	0.354	0.376	0.372	0.384	0.370	2.63
67)	C	Ethyl Benzene	1.719	1.752	1.722	1.859	1.861	1.913	1.804	4.62#
68)	T	m/p-Xylenes	0.664	0.700	0.679	0.743	0.737	0.764	0.714	5.51
69)	T	o-Xylene	0.727	0.678	0.678	0.723	0.739	0.752	0.716	4.35
70)	T	Styrene	0.899	1.050	1.031	1.152	1.186	1.262	1.097	11.82
71)	P	Bromoform	0.210	0.198	0.205	0.224	0.245	0.266	0.225	11.69
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.478	4.568	4.415	4.557	4.429	4.315	4.460	2.14
74)	T	N-amyl acetate	1.016	0.951	0.945	1.031	0.968	0.996	0.984	3.58
75)	P	1,1,2,2-Tetrac...	1.360	1.310	1.211	1.214	1.137	1.124	1.226	7.61
76)	T	1,2,3-Trichlor...	1.148	1.088	1.003	1.032	0.965	0.954	1.032	7.25
77)	T	Bromobenzene	1.135	1.043	0.924	0.967	0.923	0.935	0.988	8.60
78)	T	n-propylbenzene	4.402	4.774	4.608	5.022	4.977	4.945	4.788	5.08
79)	T	2-Chlorotoluene	3.279	3.060	2.964	3.063	2.962	2.969	3.050	4.00
80)	T	1,3,5-Trimethy...	2.865	3.237	3.248	3.692	3.698	3.733	3.412	10.32
81)	T	trans-1,4-Dich...	0.276	0.339	0.312	0.343	0.351	0.324		9.49
82)	T	4-Chlorotoluene	2.865	2.816	2.736	2.932	2.879	2.931	2.860	2.62
83)	T	tert-Butylbenzene	3.380	3.136	3.145	3.318	3.132	3.128	3.207	3.50
84)	T	1,2,4-Trimethy...	2.664	2.949	2.934	3.482	3.562	3.649	3.207	12.73
85)	T	sec-Butylbenzene	3.949	4.096	4.115	4.616	4.551	4.571	4.316	6.83
86)	T	p-Isopropyltol...	2.908	3.104	3.215	3.634	3.627	3.763	3.375	10.25
87)	T	1,3-Dichlorobe...	1.866	1.592	1.606	1.767	1.707	1.765	1.717	6.12
88)	T	1,4-Dichlorobe...	1.720	1.712	1.647	1.709	1.701	1.753	1.707	2.02
89)	T	n-Butylbenzene	2.384	2.363	2.265	2.830	2.998	3.208	2.675	14.59
90)	T	Hexachloroethane	0.662	0.663	0.569	0.654	0.663	0.673	0.647	5.99
91)	T	1,2-Dichlorobe...	1.808	1.663	1.672	1.727	1.680	1.693	1.707	3.16
92)	T	1,2-Dibromo-3-...	0.255	0.214	0.197	0.210	0.212	0.213	0.217	9.10
93)	T	1,2,4-Trichlor...	0.401	0.375	0.364	0.491	0.649	0.791	0.512	33.84
94)	T	Hexachlorobuta...	0.406	0.371	0.326	0.367	0.354	0.364	0.365	7.18
95)	T	Naphthalene	1.055	0.995	1.140	1.687	2.307	2.727	1.652	43.95
96)	T	1,2,3-Trichlor...	0.363	0.351	0.365	0.457	0.603	0.736	0.479	32.96

(#) = Out of Range