

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N122723W.M
 Title : SW846 8260
 Last Update : Thu Dec 28 03:07:01 2023
 Response Via : Initial Calibration

Calibration Files

1 =VN080599.D 5 =VN080598.D 10 =VN080601.D 20 =VN080596.D 50 =VN080595.D 100 =VN080594.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.590	0.601	0.583	0.491	0.553	0.515	0.555	7.96
3) P	Chloromethane	1.446	0.853	0.809	0.513	0.653	0.573	0.808	41.99
4) C	Vinyl Chloride	0.630	0.691	0.676	0.533	0.612	0.568	0.618	9.87#
5) T	Bromomethane		0.274	0.272	0.206	0.217	0.205	0.235	14.93
6) T	Chloroethane	0.448	0.383	0.424	0.314	0.378	0.367	0.386	12.12
7) T	Trichlorofluor...	0.951	0.947	0.842	0.799	0.897	0.858	0.883	6.83
8) T	Diethyl Ether	0.261	0.315	0.310	0.281	0.333	0.318	0.303	8.90
9) T	1,1,2-Trichlor...	0.499	0.494	0.496	0.445	0.487	0.471	0.482	4.25
10) T	Methyl Iodide		0.339	0.292	0.304	0.362	0.366	0.333	10.03
11) T	Tert butyl alc...		0.089	0.100	0.071	0.084	0.088	0.086	11.98
12) CM	1,1-Dichloroet...	0.448	0.500	0.469	0.414	0.482	0.459	0.462	6.45#
13) T	Acrolein		0.107	0.086	0.088	0.105	0.102	0.098	9.78
14) T	Allyl chloride	0.839	0.689	0.701	0.613	0.684	0.683	0.702	10.58
15) T	Acrylonitrile	0.231	0.232	0.257	0.251	0.289	0.216	0.246	10.50
16) T	Acetone	0.168	0.191	0.175	0.159	0.181	0.171	0.174	6.30
17) T	Carbon Disulfide	1.464	1.403	1.175	1.069	1.204	1.142	1.243	12.53
18) T	Methyl Acetate	1.032	0.888	1.025	0.876	1.016	0.962	0.967	7.23
19) T	Methyl tert-bu...	1.398	1.597	1.905	1.672	1.852	1.558	1.664	11.41
20) T	Methylene Chlo...	0.643	0.566	0.544	0.492	0.559	0.533	0.556	8.99
21) T	trans-1,2-Dich...	0.563	0.586	0.616	0.544	0.565	0.475	0.558	8.52
22) T	Diisopropyl ether	1.587	1.678	1.566	1.281	1.837	1.400	1.558	12.66
23) T	Vinyl Acetate	0.856	0.964	0.944	0.654	0.982	0.785	0.864	14.71
24) P	1,1-Dichloroet...	1.065	1.152	1.095	0.844	1.053	1.057	1.044	10.05
25) T	2-Butanone	0.325	0.374	0.352	0.276	0.355	0.273	0.326	13.09
26) T	2,2-Dichloropr...	0.920	0.975	1.006	0.762	0.982	0.812	0.909	11.02
27) T	cis-1,2-Dichlo...	0.667	0.731	0.730	0.560	0.719	0.577	0.664	11.73
28) T	Bromochloromet...	0.378	0.550	0.565	0.448	0.463	0.511	0.486	14.47
29) T	Tetrahydrofuran	0.163	0.238	0.235	0.191	0.226	0.222	0.213	13.87
30) C	Chloroform	1.073	1.191	0.990	0.991	0.983	1.062	1.049	7.64#
31) T	Cyclohexane		0.969	0.873	0.821	0.854	0.821	0.868	7.04
32) T	1,1,1-Trichlor...	0.995	1.029	1.010	0.860	0.925	0.855	0.946	8.13
33) S	1,2-Dichloroet...		0.662	0.641	0.541	0.730	0.633	0.641	10.57
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.340	0.361	0.293	0.315	0.308	0.323	8.34
36) T	1,1-Dichloropr...	0.551	0.464	0.566	0.462	0.466	0.477	0.498	9.56
37) T	Ethyl Acetate	0.471	0.314	0.474	0.289	0.379	0.326	0.376	21.51
38) T	Carbon Tetrach...	0.572	0.455	0.599	0.468	0.469	0.492	0.509	11.96
39) T	Methylcyclohexane	0.396	0.393	0.400	0.428	0.474	0.359	0.408	9.54
40) TM	Benzene	1.386	1.513	1.846	1.076	1.474	1.460	1.459	16.93
41) T	Methacrylonitrile	0.196	0.251	0.280	0.210	0.209	0.244	0.232	13.92
42) TM	1,2-Dichloroet...	0.513	0.457	0.482	0.374	0.464	0.477	0.461	10.21
43) T	Isopropyl Acetate	0.612	0.644	0.581	0.485	0.672	0.657	0.609	11.33
44) TM	Trichloroethene	0.403	0.373	0.348	0.354	0.369	0.383	0.372	5.32
45) C	1,2-Dichloropr...	0.352	0.325	0.348	0.340	0.388	0.276	0.338	10.90#
46) T	Dibromomethane	0.240	0.256	0.234	0.208	0.244	0.184	0.228	11.72
47) T	Bromodichlorom...	0.574	0.479	0.509	0.430	0.472	0.399	0.477	12.80
48) T	Methyl methacr...	0.341	0.363	0.323	0.325	0.393	0.282	0.338	11.20
49) T	1,4-Dioxane	0.005	0.006	0.006	0.005	0.006	0.005	0.005	10.48
50) S	Toluene-d8		1.196	1.117	1.095	1.217	1.020	1.129	7.05
51) T	4-Methyl-2-Pen...	0.331	0.387	0.355	0.340	0.378	0.286	0.346	10.52
52) CM	Toluene	0.734	0.912	0.859	0.728	0.823	0.691	0.791	10.95#
53) T	t-1,3-Dichloro...	0.488	0.469	0.507	0.465	0.510	0.445	0.481	5.30
54) T	cis-1,3-Dichlo...	0.530	0.603	0.568	0.496	0.558	0.474	0.538	8.85
55) T	1,1,2-Trichlor...	0.314	0.319	0.351	0.302	0.327	0.270	0.314	8.55
56) T	Ethyl methacry...	0.241	0.299	0.337	0.303	0.355	0.310	0.307	12.81

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57)	T	1,3-Dichloropr...	0.540	0.529	0.594	0.505	0.555	0.468	0.532	8.11
58)	T	2-Chloroethyl ...	0.207	0.214	0.170	0.228	0.265	0.219	0.217	14.30
59)	T	2-Hexanone	0.259	0.284	0.270	0.252	0.282	0.218	0.261	9.41
60)	T	Dibromochlorom...	0.373	0.344	0.377	0.332	0.363	0.308	0.350	7.56
61)	T	1,2-Dibromoethane	0.339	0.328	0.334	0.299	0.327	0.272	0.316	8.18
62)	S	4-Bromofluorob...	0.345	0.372	0.364	0.427	0.392	0.380		8.25
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.348	0.348	0.328	0.328	0.332	0.320	0.334	3.46
65)	PM	Chlorobenzene	1.073	1.090	1.001	1.022	1.034	1.020	1.040	3.28
66)	T	1,1,1,2-Tetrac...	0.415	0.403	0.388	0.392	0.404	0.398	0.400	2.39
67)	C	Ethyl Benzene	1.555	1.784	1.712	1.740	1.812	1.831	1.739	5.77#
68)	T	m/p-Xylenes	0.551	0.653	0.647	0.646	0.693	0.681	0.645	7.77
69)	T	o-Xylene	0.550	0.642	0.627	0.635	0.674	0.673	0.634	7.13
70)	T	Styrene	0.719	0.900	0.922	0.944	1.008	1.035	0.922	12.10
71)	P	Bromoform	0.275	0.288	0.281	0.268	0.287	0.299	0.283	3.76
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.033	3.610	3.468	3.570	3.748	3.104	3.422	8.45
74)	T	N-amyl acetate	1.015	1.284	1.192	1.323	1.373	1.056	1.207	12.08
75)	P	1,1,2,2-Tetrac...	1.332	1.320	1.170	1.156	1.167	0.941	1.181	12.01
76)	T	1,2,3-Trichlor...	1.177	1.188	1.083	1.060	1.065	0.880	1.075	10.32
77)	T	Bromobenzene	0.960	0.945	0.918	0.915	0.938	0.777	0.909	7.36
78)	T	n-propylbenzene	3.395	4.092	3.939	4.097	4.254	3.704	3.913	8.04
79)	T	2-Chlorotoluene	2.414	2.645	2.605	2.564	2.635	2.466	2.555	3.71
80)	T	1,3,5-Trimethy...	2.442	2.868	2.964	2.999	3.099	2.965	2.890	8.00
81)	T	trans-1,4-Dich...	0.415	0.404	0.362	0.437	0.366	0.397		8.07
82)	T	4-Chlorotoluene	2.422	2.732	2.642	2.617	2.688	2.575	2.613	4.14
83)	T	tert-Butylbenzene	2.022	2.392	2.373	2.439	2.572	2.692	2.415	9.42
84)	T	1,2,4-Trimethy...	2.145	2.960	2.950	3.019	3.152	3.330	2.926	13.96
85)	T	sec-Butylbenzene	2.567	3.166	3.136	3.289	3.450	3.568	3.196	10.94
86)	T	p-Isopropyltol...	2.010	2.703	2.703	2.893	3.050	3.239	2.766	15.33
87)	T	1,3-Dichlorobe...	1.628	1.697	1.564	1.624	1.629	1.686	1.638	2.93
88)	T	1,4-Dichlorobe...	1.753	1.718	1.580	1.603	1.614	1.612	1.647	4.28
89)	T	n-Butylbenzene	1.967	2.258	2.244	2.387	2.609	2.866	2.388	13.14
90)	T	Hexachloroethane	0.540	0.503	0.463	0.473	0.503	0.511	0.499	5.52
91)	T	1,2-Dichlorobe...	1.575	1.623	1.550	1.559	1.551	1.629	1.581	2.27
92)	T	1,2-Dibromo-3-...	0.297	0.248	0.234	0.231	0.230	0.222	0.244	11.35
93)	T	1,2,4-Trichlor...	0.773	0.860	0.792	0.838	0.875	0.868	0.834	5.11
94)	T	Hexachlorobuta...	0.507	0.430	0.413	0.452	0.401	0.381	0.430	10.41
95)	T	Naphthalene	2.338	2.510	2.481	2.542	2.890	2.815	2.596	8.16
96)	T	1,2,3-Trichlor...	0.867	0.816	0.773	0.927	0.850	0.826	0.843	6.20

(#) = Out of Range