

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N083022W.M
 Title : SW846 8260
 Last Update : Wed Aug 31 07:02:40 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN074169.D 5 =VN074170.D 10 =VN074171.D 20 =VN074172.D 50 =VN074173.D 75 =VN074174.D

	Compound	1	5	10	20	50	75	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.464	0.640	0.492	0.495	0.528	0.485	0.517	12.28
3) P	Chloromethane	0.656	0.760	0.755	0.747	0.729	0.726	0.729	5.26
4) C	Vinyl Chloride	0.661	0.738	0.767	0.731	0.755	0.693	0.724	5.53#
5) T	Bromomethane		0.446	0.427	0.393	0.382	0.331	0.396	11.19
6) T	Chloroethane	0.547	0.708	0.616	0.507	0.492	0.463	0.556	16.48
7) T	Trichlorofluor...	1.025	1.144	1.068	1.188	1.195	1.021	1.107	7.15
8) T	Diethyl Ether	0.529	0.564	0.451	0.437	0.427	0.415	0.471	12.95
9) T	1,1,2-Trichlor...	0.693	0.790	0.584	0.600	0.561	0.565	0.632	14.41
10) T	Methyl Iodide		0.484	0.464	0.488	0.579	0.536	0.510	9.19
11) T	Tert butyl alc...		0.246	0.170	0.179	0.184	0.169	0.190	16.88
12) CM	1,1-Dichloroet...	0.593	0.716	0.547	0.572	0.554	0.535	0.586	11.35#
13) T	Acrolein		0.194	0.169	0.169	0.177	0.150	0.171	9.25
14) T	Allyl chloride	1.139	1.633	1.245	1.283	1.288	1.255	1.307	12.91
15) T	Acrylonitrile	0.534	0.652	0.552	0.565	0.544	0.515	0.560	8.56
16) T	Acetone	0.547	0.657	0.483	0.492	0.487	0.444	0.518	14.58
17) T	Carbon Disulfide	1.657	2.031	1.591	1.590	1.584	1.558	1.668	10.82
18) T	Methyl Acetate	1.899	1.949	1.442	1.483	1.352	1.272	1.566	18.34
19) T	Methyl tert-bu...	2.042	2.731	2.058	2.089	2.059	2.031	2.168	12.74
20) T	Methylene Chlo...	1.345	0.973	0.835	0.758	0.722	0.672	0.884	28.16
21) T	trans-1,2-Dich...	0.790	0.798	0.612	0.635	0.634	0.591	0.677	13.63
22) T	Diisopropyl ether	2.613	3.102	2.649	2.639	2.552	2.425	2.663	8.64
23) T	Vinyl Acetate	1.935	2.569	2.233	2.259	2.275	2.222	2.249	8.96
24) P	1,1-Dichloroet...	1.153	1.639	1.331	1.310	1.257	1.195	1.314	13.15
25) T	2-Butanone	0.854	0.899	0.820	0.827	0.813	0.762	0.829	5.47
26) T	2,2-Dichloropr...	1.197	0.995	0.806	0.824	0.787	0.876	0.914	17.20
27) T	cis-1,2-Dichlo...	0.857	0.763	0.753	0.728	0.729	0.704	0.756	7.13
28) T	Bromochloromet...	0.656	0.672	0.409	0.514	0.470	0.418	0.523	22.11
29) T	Tetrahydrofuran	0.458	0.551	0.552	0.563	0.542	0.504	0.528	7.59
30) C	Chloroform	1.465	1.565	1.306	1.282	1.245	1.174	1.339	10.92#
31) T	Cyclohexane		1.514	1.297	1.234	1.193	1.169	1.282	10.81
32) T	1,1,1-Trichlor...	1.125	1.058	0.975	1.014	1.017	0.991	1.030	5.29
33) S	1,2-Dichloroet...		0.877	0.722	0.755	0.777	0.747	0.776	7.72
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.333	0.284	0.332	0.342	0.336	0.325	7.25
36) T	1,1-Dichloropr...	0.635	0.476	0.519	0.514	0.515	0.508	0.528	10.36
37) T	Ethyl Acetate	0.997	0.942	0.826	0.884	0.869	0.779	0.883	8.88
38) T	Carbon Tetrach...	0.690	0.412	0.476	0.486	0.484	0.480	0.505	18.79
39) T	Methylcyclohexane	0.640	0.595	0.594	0.599	0.627	0.663	0.620	4.57
40) TM	Benzene	1.858	1.562	1.630	1.655	1.623	1.617	1.658	6.21
41) T	Methacrylonitrile	0.499	0.409	0.339	0.400	0.412	0.385	0.408	12.80
42) TM	1,2-Dichloroet...	0.704	0.573	0.597	0.575	0.553	0.538	0.590	10.08
43) T	Isopropyl Acetate	1.363	1.076	1.133	1.184	1.194	1.171	1.187	8.12
44) TM	Trichloroethene	0.390	0.364	0.383	0.355	0.366	0.365	0.370	3.53
45) C	1,2-Dichloropr...	0.456	0.505	0.455	0.435	0.413	0.421	0.448	7.38#
46) T	Dibromomethane	0.295	0.364	0.289	0.287	0.286	0.273	0.299	10.86
47) T	Bromodichlorom...	0.630	0.723	0.539	0.553	0.537	0.532	0.586	13.11
48) T	Methyl methacr...	0.617	0.600	0.494	0.576	0.533	0.563	0.564	7.96
49) T	1,4-Dioxane	0.013	0.012	0.011	0.013	0.012	0.011	0.012	5.42
50) S	Toluene-d8		1.432	1.091	1.255	1.298	1.331	1.281	9.73
51) T	4-Methyl-2-Pen...	0.807	0.938	0.866	0.885	0.858	0.815	0.861	5.59
52) CM	Toluene	0.868	1.103	0.964	0.991	0.973	0.963	0.977	7.72#
53) T	t-1,3-Dichloro...	0.564	0.589	0.506	0.531	0.556	0.586	0.555	5.80
54) T	cis-1,3-Dichlo...	0.515	0.724	0.622	0.600	0.622	0.647	0.622	10.93
55) T	1,1,2-Trichlor...	0.421	0.493	0.421	0.421	0.390	0.390	0.423	8.89
56) T	Ethyl methacry...	0.585	0.667	0.600	0.641	0.671	0.680	0.641	6.19

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\

Method File : 82N083022W.M

57)	T	1,3-Dichloropr...	0.732	0.868	0.707	0.706	0.707	0.688	0.734	9.08
58)	T	2-Chloroethyl ...	0.282	0.346	0.310	0.330	0.335	0.342	0.324	7.44
59)	T	2-Hexanone	0.554	0.713	0.661	0.678	0.677	0.639	0.654	8.30
60)	T	Dibromochlorom...	0.378	0.408	0.378	0.401	0.406	0.404	0.396	3.50
61)	T	1,2-Dibromoethane	0.396	0.400	0.409	0.408	0.409	0.401	0.404	1.40
62)	S	4-Bromofluorob...	0.349	0.327	0.393	0.435	0.444	0.390		13.19
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.392	0.431	0.339	0.328	0.343	0.339	0.362	11.16
65)	PM	Chlorobenzene	1.300	1.045	1.128	1.089	1.091	1.099	1.125	7.97
66)	T	1,1,1,2-Tetrac...	0.408	0.408	0.390	0.404	0.403	0.386	0.400	2.37
67)	C	Ethyl Benzene	2.100	1.901	1.973	2.025	2.053	2.062	2.019	3.54#
68)	T	m/p-Xylenes	0.797	0.658	0.725	0.762	0.776	0.782	0.750	6.84
69)	T	o-Xylene	0.725	0.739	0.742	0.755	0.752	0.773	0.747	2.19
70)	T	Styrene	1.115	1.083	1.166	1.242	1.272	1.267	1.191	6.84
71)	P	Bromoform	0.411	0.343	0.298	0.313	0.335	0.333	0.339	11.57
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.929	4.401	4.517	4.425	4.279	4.141	4.282	5.06
74)	T	N-amyl acetate	2.627	2.460	2.364	2.389	2.417	2.278	2.423	4.84
75)	P	1,1,2,2-Tetrac...	2.078	1.874	1.817	1.760	1.620	1.507	1.776	11.25
76)	T	1,2,3-Trichlor...	1.534	1.773	1.517	1.388	1.113	1.200	1.421	16.98
77)	T	Bromobenzene	1.026	1.064	0.985	1.038	0.970	0.927	1.002	5.02
78)	T	n-propylbenzene	4.373	4.657	4.952	5.138	5.052	5.113	4.881	6.23
79)	T	2-Chlorotoluene	2.858	3.064	3.121	3.037	2.947	2.910	2.990	3.36
80)	T	1,3,5-Trimethy...	3.077	3.473	3.605	3.731	3.606	3.403	3.482	6.59
81)	T	trans-1,4-Dich...	0.501	0.465	0.489	0.468	0.468	0.486	0.482	3.17
82)	T	4-Chlorotoluene	2.847	2.822	3.028	2.927	2.879	2.855	2.893	2.60
83)	T	tert-Butylbenzene	2.686	2.988	2.999	3.107	3.081	3.012	2.979	5.08
84)	T	1,2,4-Trimethy...	3.028	3.159	3.455	3.558	3.530	3.435	3.361	6.42
85)	T	sec-Butylbenzene	3.400	3.914	4.299	4.482	4.460	4.516	4.179	10.58
86)	T	p-Isopropyltol...	2.764	2.886	3.251	3.468	3.570	3.569	3.251	10.84
87)	T	1,3-Dichlorobe...	1.849	1.671	1.808	1.822	1.812	1.751	1.786	3.61
88)	T	1,4-Dichlorobe...	1.986	1.829	1.908	1.825	1.764	1.771	1.847	4.63
89)	T	n-Butylbenzene	2.430	2.422	2.764	2.927	3.122	3.326	2.832	12.94
90)	T	Hexachloroethane	0.766	0.663	0.655	0.659	0.642	0.638	0.670	7.12
91)	T	1,2-Dichlorobe...	2.231	1.690	1.898	1.874	1.827	1.773	1.882	9.90
92)	T	1,2-Dibromo-3-...	0.371	0.352	0.373	0.353	0.350	0.332	0.355	4.28
93)	T	1,2,4-Trichlor...	1.005	0.711	0.844	0.906	1.018	1.040	0.921	13.84
94)	T	Hexachlorobuta...	0.539	0.410	0.434	0.444	0.446	0.443	0.453	9.80
95)	T	Naphthalene	2.790	2.648	3.142	3.554	3.936	3.774	3.307	16.02
96)	T	1,2,3-Trichlor...	0.900	0.856	0.897	0.994	1.048	1.029	0.954	8.37

(#) = Out of Range