

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N031820W.M
 Title : SW846 8260
 Last Update : Wed Mar 18 09:02:01 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN060562.D 5 =VN060563.D 20 =VN060564.D
 50 =VN060565.D 100 =VN060566.D 150 =VN060567.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.438	0.438	0.504	0.505	0.507	0.511	0.484	7.32
3) P	Chloromethane	0.926	0.903	0.907	0.899	0.891	0.896	0.904	1.37
4) C	Vinyl Chloride	0.691	0.689	0.716	0.710	0.719	0.715	0.707	1.84#
5) T	Bromomethane		0.298	0.305	0.305	0.306	0.311	0.305	1.53
6) T	Chloroethane	0.373	0.407	0.414	0.421	0.414	0.415	0.407	4.28
7) T	Trichlorofluorome	0.838	0.869	0.884	0.878	0.877	0.877	0.871	1.94
8) T	Diethyl Ether	0.321	0.348	0.356	0.355	0.356	0.362	0.350	4.26
9) T	1,1,2-Trichlorotr	0.477	0.508	0.511	0.511	0.510	0.511	0.504	2.67
10) T	Methyl Iodide		0.390	0.410	0.431	0.490	0.524	0.449	12.56
11) T	Tert butyl alcoho		0.100	0.102	0.099	0.102	0.101	0.101	1.21
12) CM	1,1-Dichloroethen	0.562	0.537	0.537	0.539	0.535	0.537	0.541	1.91#
13) T	Acrolein		0.107	0.112	0.111	0.114	0.116	0.112	3.16
14) T	Allyl chloride	0.934	0.974	0.996	0.924	0.942	0.942	0.952	2.88
15) T	Acrylonitrile	0.259	0.290	0.303	0.302	0.313	0.315	0.297	7.01
16) T	Acetone	0.239	0.241	0.246	0.242	0.245	0.246	0.243	1.28
17) T	Carbon Disulfide	1.637	1.618	1.633	1.641	1.673	1.676	1.646	1.42
18) T	Methyl Acetate	0.650	0.670	0.671	0.699	0.704	0.713	0.684	3.56
19) T	Methyl tert-butyl	1.877	1.901	1.859	1.839	1.843	1.848	1.861	1.28
20) T	Methylene Chlorid	0.566	0.618	0.602	0.601	0.600	0.603	0.598	2.88
21) T	trans-1,2-Dichlor	0.565	0.585	0.586	0.574	0.576	0.575	0.577	1.33
22) T	Diisopropyl ether	1.854	1.985	2.038	2.051	2.065	2.076	2.012	4.15
23) T	Vinyl Acetate	1.461	1.614	1.679	1.685	1.724	1.684	1.641	5.80
24) P	1,1-Dichloroethan	1.023	1.105	1.121	1.105	1.113	1.113	1.097	3.34
25) T	2-Butanone	0.351	0.383	0.397	0.399	0.415	0.416	0.393	6.08
26) T	2,2-Dichloropropa	0.867	0.900	0.877	0.852	0.849	0.832	0.863	2.77
27) T	cis-1,2-Dichloroe	0.648	0.656	0.663	0.652	0.658	0.657	0.656	0.81
28) T	Bromochloromethan	0.486	0.508	0.546	0.533	0.545	0.529	0.525	4.41
29) T	Tetrahydrofuran	0.263	0.274	0.283	0.278	0.284	0.288	0.278	3.20
30) C	Chloroform	1.015	1.077	1.056	1.050	1.056	1.053	1.051	1.91#
31) T	Cyclohexane		1.248	1.082	1.064	1.066	1.068	1.106	7.23
32) T	1,1,1-Trichloroet	0.833	0.901	0.936	0.927	0.925	0.916	0.906	4.18
33) S	1,2-Dichloroethan		0.668	0.690	0.691	0.690	0.693	0.686	1.52
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.288	0.299	0.305	0.308	0.313	0.302	3.25
36) T	1,1-Dichloroprope	0.448	0.475	0.482	0.496	0.499	0.505	0.484	4.36
37) T	Ethyl Acetate	0.566	0.482	0.513	0.516	0.531	0.531	0.523	5.25
38) T	Carbon Tetrachlor	0.374	0.422	0.434	0.450	0.459	0.463	0.434	7.64
39) T	Methylcyclohexane	0.541	0.563	0.568	0.589	0.590	0.602	0.575	3.88
40) TM	Benzene	1.427	1.458	1.441	1.472	1.484	1.487	1.462	1.65
41) T	Methacrylonitrile	0.185	0.250	0.231	0.225	0.235	0.214	0.223	9.94
42) TM	1,2-Dichloroethan	0.471	0.502	0.506	0.503	0.508	0.507	0.499	2.82
43) T	Isopropyl Acetate	0.800	0.849	0.864	0.872	0.892	0.900	0.863	4.15
44) TM	Trichloroethene	0.343	0.371	0.370	0.376	0.376	0.376	0.368	3.52
45) C	1,2-Dichloropropa	0.361	0.375	0.388	0.391	0.398	0.401	0.386	3.98#
46) T	Dibromomethane	0.206	0.231	0.235	0.241	0.242	0.244	0.233	6.03
47) T	Bromodichlorometh	0.431	0.484	0.480	0.494	0.506	0.512	0.484	6.02
48) T	Methyl methacryla	0.357	0.357	0.368	0.391	0.410	0.422	0.384	7.26
49) T	1,4-Dioxane	0.003	0.005	0.005	0.005	0.005	0.005	0.005	12.85
50) S	Toluene-d8		1.181	1.209	1.259	1.256	1.270	1.235	3.11
51) T	4-Methyl-2-Pentan	0.437	0.476	0.498	0.510	0.518	0.507	0.491	6.18
52) CM	Toluene	0.817	0.873	0.880	0.901	0.907	0.918	0.883	4.13#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.495	0.542	0.547	0.577	0.587	0.591	0.557	6.55
54) T	cis-1,3-Dichlorop	0.572	0.606	0.606	0.617	0.628	0.635	0.611	3.65
55) T	1,1,2-Trichloroet	0.332	0.333	0.336	0.345	0.346	0.346	0.340	1.98
56) T	Ethyl methacrylat	0.414	0.482	0.524	0.564	0.591	0.603	0.529	13.61
57) T	1,3-Dichloropropa	0.520	0.601	0.591	0.602	0.609	0.611	0.589	5.86
58) T	2-Chloroethyl Vin	0.228	0.253	0.237	0.280	0.290	0.291	0.263	10.47
59) T	2-Hexanone	0.290	0.340	0.356	0.373	0.383	0.381	0.354	10.00
60) T	Dibromochlorometh	0.296	0.331	0.352	0.366	0.378	0.382	0.351	9.30
61) T	1,2-Dibromoethane	0.290	0.335	0.340	0.356	0.364	0.364	0.341	8.23
62) S	4-Bromofluorobenz		0.434	0.432	0.455	0.466	0.476	0.453	4.23
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.388	0.417	0.397	0.392	0.383	0.385	0.393	3.14
65) PM	Chlorobenzene	0.976	0.983	0.980	0.994	1.006	1.009	0.991	1.39
66) T	1,1,1,2-Tetrachlo	0.331	0.360	0.362	0.361	0.368	0.371	0.359	3.95
67) C	Ethyl Benzene	1.725	1.841	1.838	1.886	1.896	1.874	1.843	3.40#
68) T	m/p-Xylenes	0.655	0.680	0.672	0.699	0.702	0.702	0.685	2.87
69) T	o-Xylene	0.588	0.661	0.651	0.671	0.678	0.675	0.654	5.18
70) T	Stvrene	0.936	0.990	1.041	1.120	1.163	1.167	1.069	8.95
71) P	Bromoform	0.190	0.251	0.269	0.286	0.304	0.306	0.268	16.26
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.768	3.867	3.786	3.768	3.697	3.628	3.752	2.18
74) T	N-amyl acetate	1.729	1.621	1.688	1.758	1.801	1.806	1.734	4.09
75) P	1,1,2,2-Tetrachlo	1.133	1.151	1.153	1.131	1.125	1.117	1.135	1.26
76) T	1,2,3-Trichloropr	1.068	1.229	1.061	1.036	1.040	1.038	1.079	6.93
77) T	Bromobenzene	0.917	0.932	0.901	0.894	0.886	0.895	0.904	1.90
78) T	n-propylbenzene	4.463	4.519	4.432	4.459	4.396	4.330	4.433	1.46
79) T	2-Chlorotoluene	2.761	2.743	2.592	2.624	2.580	2.593	2.649	3.08
80) T	1,3,5-Trimethylbe	3.188	3.272	3.175	3.194	3.142	3.134	3.184	1.56
81) T	trans-1,4-Dichlor		0.395	0.405	0.424	0.440	0.437	0.420	4.65
82) T	4-Chlorotoluene	2.661	2.761	2.662	2.706	2.701	2.695	2.698	1.35
83) T	tert-Butylbenzene	2.587	2.768	2.644	2.647	2.605	2.587	2.640	2.58
84) T	1,2,4-Trimethylbe	3.062	3.186	3.169	3.189	3.154	3.142	3.150	1.49
85) T	sec-Butylbenzene	3.490	3.644	3.537	3.597	3.528	3.503	3.550	1.67
86) T	p-Isopropyltoluen	3.179	3.219	3.158	3.221	3.197	3.178	3.192	0.78
87) T	1,3-Dichlorobenze	1.613	1.589	1.586	1.597	1.584	1.600	1.595	0.68
88) T	1,4-Dichlorobenze	1.643	1.597	1.580	1.603	1.593	1.596	1.602	1.34
89) T	n-Butylbenzene	2.787	2.812	2.843	2.961	2.927	2.961	2.882	2.69
90) T	Hexachloroethane	0.376	0.451	0.456	0.484	0.505	0.513	0.464	10.79
91) T	1,2-Dichlorobenze	1.467	1.556	1.542	1.552	1.519	1.513	1.525	2.18
92) T	1,2-Dibromo-3-Chl	0.338	0.241	0.240	0.234	0.241	0.236	0.255	15.97
93) T	1,2,4-Trichlorobe	0.838	0.875	0.947	0.972	0.981	1.004	0.936	7.00
94) T	Hexachlorobutadie	0.465	0.469	0.467	0.456	0.449	0.449	0.459	1.94
95) T	Naphthalene	2.608	2.527	2.841	2.925	2.956	3.042	2.816	7.28
96) T	1,2,3-Trichlorobe	0.942	0.857	0.924	0.930	0.928	0.953	0.922	3.68

(#) = Out of Range