

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N111820W.M
 Title : SW846 8260
 Last Update : Wed Nov 18 15:29:54 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN064707.D 5 =VN064701.D 20 =VN064702.D
 50 =VN064703.D 100 =VN064704.D 150 =VN064705.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.687	0.620	0.596	0.606	0.634	0.605	0.625	5.33
3) P	Chloromethane	0.823	0.643	0.643	0.663	0.694	0.680	0.691	9.80
4) C	Vinyl Chloride	0.738	0.706	0.676	0.707	0.750	0.747	0.721	4.04#
5) T	Bromomethane		0.536	0.518	0.515	0.540	0.535	0.529	2.18
6) T	Chloroethane	0.467	0.498	0.463	0.490	0.502	0.499	0.486	3.51
7) T	Trichlorofluorome	1.395	1.313	1.244	1.274	1.283	1.238	1.291	4.47
8) T	Diethyl Ether	0.445	0.396	0.411	0.413	0.424	0.410	0.417	4.03
9) T	1,1,2-Trichlorotr	0.604	0.575	0.537	0.553	0.545	0.533	0.558	4.82
10) T	Methyl Iodide		0.556	0.629	0.688	0.738	0.724	0.667	11.24
11) T	Tert butyl alcoho		0.078	0.083	0.087	0.091	0.088	0.085	5.80
12) CM	1,1-Dichloroethen	0.624	0.511	0.504	0.530	0.540	0.516	0.538	8.27#
13) T	Acrolein		0.018	0.023	0.023	0.019	0.017	0.020	13.34
14) T	Allyl chloride	0.831	0.935	0.860	0.939	0.987	0.987	0.923	7.04
15) T	Acrylonitrile	0.238	0.224	0.239	0.258	0.275	0.269	0.251	8.00
16) T	Acetone	0.289	0.188	0.186	0.208	0.220	0.215	0.217	17.31
17) T	Carbon Disulfide	2.260	1.602	1.487	1.543	1.585	1.561	1.673	17.36
18) T	Methyl Acetate	0.876	0.588	0.595	0.614	0.651	0.663	0.664	16.22
19) T	Methyl tert-butyl	1.678	1.537	1.721	1.906	1.980	1.970	1.799	10.02
20) T	Methylene Chlorid	0.768	0.641	0.607	0.630	0.642	0.620	0.651	9.03
21) T	trans-1,2-Dichlor	0.665	0.536	0.575	0.596	0.612	0.614	0.600	7.22
22) T	Diisopropyl ether	1.614	1.702	1.898	2.039	2.223	2.219	1.949	13.22
23) T	Vinyl Acetate	1.341	1.345	1.543	1.683	1.793	1.734	1.573	12.50
24) P	1,1-Dichloroethan	1.082	1.134	1.117	1.154	1.186	1.180	1.142	3.44
25) T	2-Butanone	0.292	0.293	0.321	0.352	0.383	0.377	0.336	12.08
26) T	2,2-Dichloropropa	1.062	1.012	1.044	1.111	1.152	1.129	1.085	5.01
27) T	cis-1,2-Dichloroe	0.609	0.619	0.632	0.675	0.711	0.722	0.661	7.33
28) T	Bromochloromethan	0.531	0.579	0.562	0.556	0.600	0.626	0.576	5.89
29) T	Tetrahydrofuran	0.214	0.178	0.214	0.243	0.259	0.255	0.227	13.65
30) C	Chloroform	1.242	1.142	1.203	1.258	1.311	1.290	1.241	4.97#
31) T	Cyclohexane		1.042	0.869	0.912	0.970	0.962	0.951	6.86
32) T	1,1,1-Trichloroet	1.169	1.061	1.070	1.134	1.196	1.177	1.134	5.05
33) S	1,2-Dichloroethan		0.990	0.771	0.844	0.880	0.913	0.880	9.22
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.323	0.262	0.275	0.278	0.284	0.285	8.16
36) T	1,1-Dichloroprope	0.499	0.475	0.476	0.519	0.564	0.552	0.514	7.36
37) T	Ethyl Acetate	0.354	0.387	0.393	0.463	0.499	0.488	0.431	14.03
38) T	Carbon Tetrachlor	0.491	0.510	0.516	0.571	0.597	0.596	0.547	8.55
39) T	Methylcyclohexane	0.460	0.399	0.404	0.457	0.508	0.507	0.456	10.41
40) TM	Benzene	1.256	1.366	1.375	1.469	1.586	1.549	1.433	8.68
41) T	Methacrylonitrile	0.169	0.173	0.198	0.206	0.200	0.239	0.197	12.83
42) TM	1,2-Dichloroethan	0.596	0.578	0.599	0.626	0.660	0.641	0.617	5.05
43) T	Isopropyl Acetate	0.845	0.771	0.757	0.836	0.918	0.882	0.835	7.44
44) TM	Trichloroethene	0.436	0.398	0.388	0.397	0.433	0.417	0.411	4.91
45) C	1,2-Dichloropropa	0.357	0.343	0.370	0.394	0.420	0.409	0.382	7.98#
46) T	Dibromomethane	0.240	0.263	0.257	0.282	0.295	0.288	0.271	7.74
47) T	Bromodichlorometh	0.536	0.525	0.529	0.589	0.628	0.608	0.569	7.87
48) T	Methyl methacryla	0.360	0.331	0.366	0.416	0.459	0.433	0.394	12.55
49) T	1,4-Dioxane	0.005	0.004	0.005	0.005	0.006	0.005	0.005	11.92
50) S	Toluene-d8		1.320	1.090	1.258	1.376	1.423	1.293	10.02
51) T	4-Methyl-2-Pentan	0.368	0.374	0.440	0.491	0.535	0.504	0.452	15.41
52) CM	Toluene	0.749	0.750	0.834	0.939	1.024	1.001	0.883	13.85#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.497	0.542	0.561	0.642	0.719	0.695	0.609	14.65
54) T	cis-1,3-Dichlorop	0.498	0.560	0.612	0.649	0.729	0.717	0.627	14.34
55) T	1,1,2-Trichloroet	0.307	0.325	0.341	0.373	0.398	0.381	0.354	10.03
56) T	Ethyl methacrylat	0.353	0.380	0.454	0.551	0.614	0.601	0.492	22.85
57) T	1,3-Dichloropropa	0.546	0.557	0.584	0.637	0.689	0.667	0.613	9.77
58) T	2-Chloroethyl Vin	0.200	0.196	0.264	0.298	0.332	0.330	0.270	22.57
59) T	2-Hexanone	0.262	0.259	0.311	0.357	0.394	0.373	0.326	17.66
60) T	Dibromochlorometh	0.337	0.370	0.387	0.428	0.474	0.459	0.409	13.04
61) T	1,2-Dibromoethane	0.351	0.342	0.355	0.390	0.421	0.408	0.378	8.77
62) S	4-Bromofluorobenz		0.457	0.391	0.476	0.534	0.560	0.483	13.73
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.414	0.453	0.435	0.446	0.462	0.450	0.443	3.80
65) PM	Chlorobenzene	1.067	0.976	0.991	1.080	1.138	1.129	1.064	6.41
66) T	1,1,1,2-Tetrachlo	0.344	0.387	0.373	0.402	0.445	0.434	0.397	9.57
67) C	Ethyl Benzene	1.706	1.630	1.745	1.954	2.130	2.088	1.875	11.25#
68) T	m/p-Xylenes	0.535	0.561	0.652	0.727	0.790	0.782	0.675	16.34
69) T	o-Xylene	0.578	0.548	0.605	0.691	0.751	0.752	0.654	13.65
70) T	Styrene	0.894	0.874	1.048	1.208	1.324	1.325	1.112	18.31
71) P	Bromoform	0.226	0.227	0.263	0.287	0.321	0.320	0.274	15.64
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.320	3.178	3.469	3.669	3.992	3.672	3.550	8.18
74) T	N-amyl acetate	1.475	1.451	1.614	1.728	1.917	1.762	1.658	10.83
75) P	1,1,2,2-Tetrachlo	1.067	0.911	0.959	0.998	1.045	0.975	0.993	5.78
76) T	1,2,3-Trichloropr	1.119	1.048	0.998	1.116	1.092	1.090	1.077	4.29
77) T	Bromobenzene	0.942	0.828	0.868	0.893	0.963	0.878	0.895	5.58
78) T	n-propylbenzene	3.625	3.789	4.062	4.305	4.712	4.312	4.134	9.54
79) T	2-Chlorotoluene	2.694	2.391	2.576	2.658	2.900	2.657	2.646	6.25
80) T	1,3,5-Trimethylbe	2.479	2.575	2.945	3.147	3.419	3.129	2.949	12.26
81) T	trans-1,4-Dichlor		0.289	0.374	0.406	0.451	0.417	0.387	15.86
82) T	4-Chlorotoluene	2.801	2.529	2.739	2.861	3.114	2.885	2.821	6.80
83) T	tert-Butylbenzene	1.842	1.985	2.283	2.441	2.653	2.482	2.281	13.65
84) T	1,2,4-Trimethylbe	2.580	2.511	3.036	3.190	3.531	3.210	3.010	13.11
85) T	sec-Butylbenzene	2.544	2.709	3.020	3.221	3.501	3.251	3.041	11.82
86) T	p-Isopropyltoluen	2.245	2.397	2.744	2.976	3.310	3.107	2.797	14.81
87) T	1,3-Dichlorobenze	1.792	1.449	1.507	1.637	1.752	1.650	1.631	8.21
88) T	1,4-Dichlorobenze	1.853	1.546	1.574	1.633	1.773	1.671	1.675	7.07
89) T	n-Butylbenzene	2.503	2.241	2.406	2.683	2.982	2.849	2.611	10.69
90) T	Hexachloroethane	0.373	0.429	0.436	0.481	0.534	0.521	0.462	13.24
91) T	1,2-Dichlorobenze	1.690	1.477	1.503	1.569	1.715	1.612	1.594	6.06
92) T	1,2-Dibromo-3-Chl	0.287	0.227	0.253	0.255	0.283	0.258	0.260	8.50
93) T	1,2,4-Trichlorobe	1.118	0.731	0.764	0.813	0.916	0.874	0.869	16.08
94) T	Hexachlorobutadie	0.811	0.397	0.351	0.340	0.364	0.350	0.436	42.47
95) T	Naphthalene	3.110	2.139	2.555	2.836	3.193	3.028	2.810	14.23
96) T	1,2,3-Trichlorobe	1.070	0.697	0.763	0.798	0.875	0.829	0.839	15.27

(#) = Out of Range