

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N091819W.M
 Title : SW846 8260
 Last Update : Thu Sep 19 09:27:53 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN058152.D 5 =VN058153.D 20 =VN058154.D
 50 =VN058155.D 100 =VN058156.D 150 =VN058157.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.433	0.479	0.394	0.375	0.390	0.393	0.411	9.43
3) P	Chloromethane	0.542	0.497	0.328	0.304	0.311	0.315	0.383	28.07
4) C	Vinyl Chloride	0.512	0.499	0.352	0.340	0.341	0.343	0.398	21.00#
5) T	Bromomethane		0.266	0.173	0.175	0.180	0.188	0.197	20.01
6) T	Chloroethane	0.359	0.323	0.238	0.223	0.218	0.217	0.263	23.67
7) T	Trichlorofluorome	0.664	0.673	0.522	0.494	0.504	0.506	0.561	15.05
8) T	Diethyl Ether	0.292	0.289	0.237	0.240	0.239	0.243	0.257	10.22
9) T	1,1,2-Trichlorotr	0.473	0.459	0.381	0.365	0.373	0.374	0.404	11.96
10) T	Methyl Iodide		0.341	0.303	0.324	0.354	0.371	0.339	7.78
11) T	Tert butyl alcoho		0.081	0.079	0.081	0.085	0.089	0.083	4.84
12) CM	1,1-Dichloroethen	0.440	0.395	0.310	0.296	0.306	0.306	0.342	17.64#
13) T	Acrolein		0.013	0.011	0.012	0.012	0.014	0.012	8.31
14) T	Allyl chloride	0.696	0.745	0.603	0.613	0.648	0.663	0.661	8.05
15) T	Acrylonitrile	0.216	0.218	0.217	0.217	0.227	0.230	0.221	2.78
16) T	Acetone	0.281	0.239	0.228	0.216	0.229	0.226	0.236	9.78
17) T	Carbon Disulfide	0.740	0.759	0.398	0.396	0.422	0.443	0.526	33.06
18) T	Methyl Acetate	0.771	0.605	0.579	0.570	0.594	0.612	0.622	12.00
19) T	Methyl tert-butyl	1.569	1.591	1.468	1.461	1.528	1.531	1.525	3.44
20) T	Methylene Chlorid	0.587	0.530	0.423	0.396	0.411	0.415	0.460	17.05
21) T	trans-1,2-Dichlor	0.452	0.450	0.331	0.323	0.336	0.333	0.371	16.84
22) T	Diisopropyl ether	1.726	1.749	1.610	1.617	1.671	1.708	1.680	3.44
23) T	Vinyl Acetate	1.165	1.260	1.141	1.179	1.147	1.005	1.150	7.21
24) P	1,1-Dichloroethan	0.982	0.972	0.857	0.833	0.867	0.869	0.897	7.10
25) T	2-Butanone	0.310	0.325	0.315	0.318	0.334	0.330	0.322	2.85
26) T	2,2-Dichloropropa	0.880	0.776	0.700	0.706	0.752	0.751	0.761	8.56
27) T	cis-1,2-Dichloroe	0.540	0.576	0.476	0.479	0.487	0.485	0.507	8.12
28) T	Bromochloromethan	0.480	0.411	0.374	0.430	0.425	0.425	0.424	8.06
29) T	Tetrahydrofuran	0.207	0.203	0.192	0.189	0.197	0.202	0.198	3.43
30) C	Chloroform	1.123	1.020	0.903	0.895	0.926	0.924	0.965	9.24#
31) T	Cyclohexane		1.025	0.602	0.564	0.564	0.564	0.664	30.54
32) T	1,1,1-Trichloroet	0.725	0.751	0.716	0.720	0.749	0.748	0.735	2.22
33) S	1,2-Dichloroethan		0.712	0.658	0.703	0.709	0.699	0.696	3.16
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.305	0.284	0.312	0.307	0.312	0.304	3.82
36) T	1,1-Dichloroprope	0.433	0.409	0.327	0.327	0.329	0.338	0.361	13.17
37) T	Ethyl Acetate	0.373	0.381	0.361	0.372	0.374	0.384	0.374	2.18
38) T	Carbon Tetrachlor	0.403	0.371	0.331	0.345	0.358	0.367	0.362	6.83
39) T	Methylcyclohexane	0.451	0.462	0.332	0.340	0.345	0.352	0.380	15.66
40) TM	Benzene	1.209	1.233	1.042	1.042	1.045	1.036	1.101	8.48
41) T	Methacrylonitrile	0.217	0.132	0.161	0.188	0.200	0.187	0.181	16.74
42) TM	1,2-Dichloroethan	0.503	0.503	0.437	0.438	0.442	0.450	0.462	6.94
43) T	Isopropyl Acetate	0.741	0.741	0.655	0.665	0.685	0.706	0.699	5.34
44) TM	Trichloroethene	0.274	0.307	0.253	0.258	0.261	0.264	0.270	7.23
45) C	1,2-Dichloropropa	0.330	0.351	0.323	0.323	0.321	0.327	0.329	3.39#
46) T	Dibromomethane	0.206	0.212	0.193	0.194	0.196	0.199	0.200	3.80
47) T	Bromodichlorometh	0.393	0.396	0.405	0.424	0.443	0.452	0.419	5.96
48) T	Methyl methacryla	0.292	0.314	0.311	0.320	0.328	0.340	0.317	5.12
49) T	1,4-Dioxane	0.005	0.005	0.005	0.005	0.005	0.005	0.005	3.49
50) S	Toluene-d8		1.237	1.137	1.245	1.184	1.117	1.184	4.85
51) T	4-Methyl-2-Pentan	0.364	0.390	0.398	0.402	0.365	0.309	0.371	9.33
52) CM	Toluene	0.726	0.743	0.656	0.667	0.674	0.675	0.690	5.13#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.369	0.371	0.412	0.449	0.478	0.496	0.429	12.57
54) T	cis-1,3-Dichlorop	0.434	0.452	0.453	0.484	0.502	0.518	0.474	6.96
55) T	1,1,2-Trichloroet	0.300	0.309	0.304	0.304	0.308	0.313	0.306	1.45
56) T	Ethyl methacrylat	0.361	0.424	0.431	0.463	0.479	0.493	0.442	10.78
57) T	1,3-Dichloropropa	0.538	0.541	0.515	0.519	0.519	0.527	0.527	2.02
58) T	2-Chloroethyl Vin	0.193	0.195	0.192	0.234	0.229	0.221	0.211	9.20
59) T	2-Hexanone	0.259	0.276	0.285	0.296	0.283	0.254	0.276	5.90
60) T	Dibromochlorometh	0.236	0.256	0.284	0.312	0.331	0.348	0.295	14.77
61) T	1,2-Dibromoethane	0.273	0.288	0.276	0.282	0.290	0.294	0.284	2.85
62) S	4-Bromofluorobenz		0.431	0.403	0.453	0.454	0.458	0.440	5.30
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.277	0.284	0.218	0.226	0.225	0.233	0.244	11.86
65) PM	Chlorobenzene	0.952	0.966	0.830	0.841	0.845	0.843	0.879	7.05
66) T	1,1,1,2-Tetrachlo	0.294	0.306	0.307	0.326	0.335	0.345	0.319	6.19
67) C	Ethyl Benzene	1.637	1.678	1.463	1.515	1.446	1.302	1.507	9.08#
68) T	m/p-Xylenes	0.601	0.604	0.544	0.557	0.555	0.544	0.568	4.86
69) T	o-Xylene	0.563	0.574	0.530	0.551	0.561	0.570	0.558	2.85
70) T	Stvrene	0.870	0.977	0.942	0.991	1.007	0.982	0.962	5.16
71) P	Bromoform	0.146	0.169	0.191	0.218	0.235	0.255	0.203	20.39
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.369	3.441	3.195	3.139	2.992	2.642	3.130	9.21
74) T	N-amyl acetate	1.067	1.254	1.307	1.366	1.416	1.446	1.309	10.53
75) P	1,1,2,2-Tetrachlo	1.088	1.039	1.051	1.028	1.030	1.053	1.048	2.11
76) T	1,2,3-Trichloropr	0.942	0.957	0.866	0.856	0.860	0.889	0.895	4.90
77) T	Bromobenzene	0.893	0.810	0.765	0.745	0.747	0.763	0.787	7.23
78) T	n-propylbenzene	3.720	3.991	3.712	3.660	3.378	2.877	3.556	10.85
79) T	2-Chlorotoluene	2.232	2.405	2.222	2.191	2.190	2.096	2.223	4.57
80) T	1,3,5-Trimethylbe	2.574	2.852	2.732	2.726	2.623	2.372	2.647	6.26
81) T	trans-1,4-Dichlor		0.196	0.238	0.278	0.308	0.334	0.271	20.34
82) T	4-Chlorotoluene	2.373	2.463	2.323	2.333	2.317	2.208	2.336	3.55
83) T	tert-Butylbenzene	2.346	2.473	2.397	2.381	2.350	2.214	2.360	3.60
84) T	1,2,4-Trimethylbe	2.578	2.761	2.738	2.725	2.640	2.359	2.634	5.73
85) T	sec-Butylbenzene	3.114	3.302	3.199	3.213	3.048	2.641	3.086	7.61
86) T	p-Isopropyltoluen	2.587	2.862	2.883	2.904	2.781	2.446	2.744	6.79
87) T	1,3-Dichlorobenze	1.395	1.470	1.443	1.422	1.450	1.448	1.438	1.81
88) T	1,4-Dichlorobenze	1.534	1.494	1.417	1.444	1.465	1.455	1.468	2.79
89) T	n-Butylbenzene	2.480	2.615	2.665	2.761	2.681	2.405	2.601	5.14
90) T	Hexachloroethane	0.344	0.357	0.412	0.453	0.480	0.511	0.426	15.76
91) T	1,2-Dichlorobenze	1.410	1.456	1.441	1.445	1.449	1.453	1.442	1.16
92) T	1,2-Dibromo-3-Chl	0.155	0.168	0.186	0.193	0.205	0.224	0.189	13.13
93) T	1,2,4-Trichlorobe	0.813	0.852	0.897	0.943	0.990	1.035	0.922	9.12
94) T	Hexachlorobutadie	0.412	0.448	0.456	0.437	0.457	0.462	0.445	4.20
95) T	Naphthalene	2.013	2.134	2.412	2.601	2.673	2.497	2.388	10.99
96) T	1,2,3-Trichlorobe	0.755	0.804	0.848	0.904	0.941	0.974	0.871	9.59

(#) = Out of Range