

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N081519W.M
 Title : SW846 8260
 Last Update : Thu Aug 15 11:33:14 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN057289.D 5 =VN057290.D 20 =VN057291.D
 50 =VN057292.D 100 =VN057293.D 150 =VN057294.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.459	0.470	0.435	0.403	0.403	0.412	0.430	6.75
3) P	Chloromethane	0.576	0.551	0.491	0.468	0.458	0.503	0.508	9.20
4) C	Vinyl Chloride	0.487	0.537	0.474	0.446	0.451	0.471	0.478	6.87#
5) T	Bromomethane		0.410	0.364	0.333	0.324	0.272	0.341	14.95
6) T	Chloroethane	0.362	0.352	0.325	0.308	0.306	0.318	0.329	7.11
7) T	Trichlorofluorome	0.785	0.826	0.749	0.708	0.708	0.722	0.749	6.33
8) T	Diethyl Ether	0.279	0.310	0.286	0.269	0.270	0.279	0.282	5.30
9) T	1,1,2-Trichlorotr	0.463	0.469	0.447	0.420	0.415	0.428	0.440	5.19
10) T	Methyl Iodide		0.697	0.706	0.700	0.706	0.710	0.704	0.76
11) T	Tert butyl alcoho		0.076	0.077	0.075	0.080	0.079	0.077	2.49
12) CM	1,1-Dichloroethen	0.449	0.471	0.439	0.422	0.420	0.433	0.439	4.31#
13) T	Acrolein		0.058	0.044	0.044	0.044	0.045	0.047	13.48
14) T	Allyl chloride	0.713	0.739	0.702	0.678	0.681	0.706	0.703	3.19
15) T	Acrylonitrile	0.184	0.217	0.220	0.208	0.215	0.215	0.210	6.33
16) T	Acetone	0.203	0.213	0.192	0.178	0.174	0.172	0.189	9.02
17) T	Carbon Disulfide	1.253	1.212	1.145	1.128	1.148	1.204	1.182	4.12
18) T	Methyl Acetate	1.738	0.781	0.555	0.488	0.491	0.489	0.757	65.21
19) T	Methyl tert-butyl	1.381	1.444	1.375	1.328	1.343	1.387	1.377	2.94
20) T	Methylene Chlorid	0.596	0.582	0.513	0.490	0.484	0.501	0.528	9.23
21) T	trans-1,2-Dichlor	0.493	0.518	0.463	0.446	0.449	0.463	0.472	5.95
22) T	Diisopropyl ether	1.370	1.525	1.417	1.333	1.321	1.368	1.389	5.35
23) T	Vinyl Acetate	1.057	1.161	1.138	1.101	1.113	1.138	1.118	3.27
24) P	1,1-Dichloroethan	0.897	0.916	0.863	0.813	0.808	0.829	0.855	5.28
25) T	2-Butanone	0.258	0.292	0.282	0.267	0.270	0.269	0.273	4.35
26) T	2,2-Dichloropropa	0.659	0.743	0.713	0.670	0.672	0.687	0.691	4.54
27) T	cis-1,2-Dichloroe	0.595	0.594	0.555	0.528	0.530	0.548	0.559	5.36
28) T	Bromochloromethan	0.372	0.412	0.404	0.363	0.362	0.367	0.380	5.85
29) T	Tetrahydrofuran	0.169	0.179	0.179	0.169	0.172	0.169	0.173	2.72
30) C	Chloroform	1.000	0.969	0.881	0.837	0.836	0.851	0.896	7.99#
31) T	Cyclohexane		0.892	0.749	0.684	0.680	0.699	0.741	11.99
32) T	1,1,1-Trichloroet	0.725	0.780	0.771	0.746	0.735	0.762	0.753	2.88
33) S	1,2-Dichloroethan		0.579	0.564	0.523	0.522	0.531	0.544	4.77
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.357	0.332	0.315	0.316	0.318	0.328	5.39
36) T	1,1-Dichloroprope	0.455	0.468	0.443	0.418	0.427	0.438	0.441	4.14
37) T	Ethyl Acetate	0.266	0.387	0.395	0.374	0.375	0.372	0.362	13.12
38) T	Carbon Tetrachlor	0.454	0.485	0.456	0.445	0.452	0.460	0.459	3.03
39) T	Methylcyclohexane	0.505	0.549	0.526	0.499	0.500	0.515	0.515	3.73
40) TM	Benzene	1.367	1.440	1.376	1.304	1.299	1.316	1.350	4.05
41) T	Methacrylonitrile	0.121	0.177	0.192	0.158	0.165	0.163	0.163	14.62
42) TM	1,2-Dichloroethan	0.465	0.468	0.459	0.431	0.428	0.431	0.447	4.20
43) T	Isopropyl Acetate	1.284	0.737	0.696	0.669	0.651	0.652	0.782	31.77
44) TM	Trichloroethene	0.392	0.406	0.381	0.361	0.366	0.372	0.380	4.44
45) C	1,2-Dichloropropa	0.343	0.367	0.363	0.335	0.336	0.345	0.348	3.93#
46) T	Dibromomethane	0.246	0.241	0.235	0.224	0.222	0.226	0.232	4.26
47) T	Bromodichlorometh	0.469	0.459	0.464	0.450	0.451	0.467	0.460	1.76
48) T	Methyl methacryla	0.283	0.294	0.298	0.300	0.305	0.307	0.298	2.91
49) T	1,4-Dioxane	0.006	0.006	0.006	0.006	0.006	0.006	0.006	4.15
50) S	Toluene-d8		1.128	1.264	1.197	1.194	1.210	1.199	4.04
51) T	4-Methyl-2-Pentan	0.341	0.375	0.387	0.371	0.382	0.383	0.373	4.45
52) CM	Toluene	0.801	0.886	0.863	0.828	0.822	0.842	0.840	3.61#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.456	0.501	0.500	0.492	0.510	0.526	0.498	4.72
54) T	cis-1,3-Dichlorop	0.523	0.541	0.563	0.547	0.551	0.567	0.549	2.90
55) T	1,1,2-Trichloroet	0.329	0.338	0.338	0.324	0.325	0.328	0.330	1.92
56) T	Ethyl methacrylat	0.392	0.476	0.493	0.495	0.508	0.529	0.482	9.85
57) T	1,3-Dichloropropa	0.541	0.585	0.567	0.541	0.531	0.547	0.552	3.66
58) T	2-Chloroethyl Vin	0.095	0.103	0.120	0.129	0.145	0.153	0.124	18.29
59) T	2-Hexanone	0.236	0.264	0.277	0.272	0.284	0.276	0.268	6.38
60) T	Dibromochlorometh	0.333	0.366	0.377	0.371	0.379	0.396	0.370	5.66
61) T	1,2-Dibromoethane	0.343	0.361	0.356	0.347	0.349	0.356	0.352	1.90
62) S	4-Bromofluorobenz		0.401	0.403	0.413	0.443	0.458	0.424	6.03
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.499	0.493	0.444	0.399	0.378	0.381	0.432	12.66
65) PM	Chlorobenzene	1.007	1.102	1.032	0.981	0.987	1.009	1.020	4.33
66) T	1,1,1,2-Tetrachlo	0.397	0.402	0.404	0.383	0.373	0.384	0.391	3.16
67) C	Ethyl Benzene	1.768	1.854	1.816	1.732	1.749	1.785	1.784	2.52#
68) T	m/p-Xylenes	0.605	0.666	0.673	0.657	0.666	0.678	0.657	4.03
69) T	o-Xylene	0.592	0.662	0.666	0.643	0.650	0.659	0.645	4.24
70) T	Stvrene	0.857	0.961	1.031	1.056	1.108	1.160	1.029	10.51
71) P	Bromoform	0.271	0.296	0.306	0.312	0.328	0.336	0.308	7.62
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	6.294	5.930	5.112	4.179	3.651	3.847	4.835	23.05
74) T	N-amyl acetate	1.568	1.776	1.515	1.330	1.252	1.265	1.451	14.22
75) P	1,1,2,2-Tetrachlo	2.017	1.747	1.451	1.184	1.046	1.041	1.414	28.34
76) T	1,2,3-Trichloropr	1.636	1.497	1.195	0.992	0.885	0.992	1.200	25.38
77) T	Bromobenzene	1.622	1.537	1.272	1.095	1.002	1.057	1.264	20.73
78) T	n-propylbenzene	5.657	5.506	4.944	4.410	4.053	4.319	4.815	13.76
79) T	2-Chlorotoluene	3.952	3.645	3.207	2.697	2.461	2.584	3.091	19.79
80) T	1,3,5-Trimethylbe	4.684	4.630	4.106	3.449	3.146	3.315	3.888	17.45
81) T	trans-1,4-Dichlor		0.462	0.448	0.394	0.367	0.378	0.410	10.41
82) T	4-Chlorotoluene	3.385	3.180	2.855	2.619	2.458	2.622	2.853	12.68
83) T	tert-Butylbenzene	4.904	4.408	3.674	3.068	2.749	2.872	3.613	24.44
84) T	1,2,4-Trimethylbe	4.024	4.283	3.761	3.273	3.035	3.233	3.601	13.79
85) T	sec-Butylbenzene	5.285	5.094	4.384	3.814	3.553	3.772	4.317	16.96
86) T	p-Isopropyltoluen	4.053	4.361	3.694	3.357	3.217	3.439	3.687	12.00
87) T	1,3-Dichlorobenze	1.857	1.875	1.792	1.674	1.629	1.684	1.752	5.91
88) T	1,4-Dichlorobenze	1.807	1.793	1.614	1.552	1.580	1.632	1.663	6.61
89) T	n-Butylbenzene	2.391	2.983	2.788	2.479	2.437	2.693	2.629	8.85
90) T	Hexachloroethane	1.068	0.893	0.757	0.638	0.586	0.617	0.760	24.86
91) T	1,2-Dichlorobenze	1.684	1.664	1.754	1.591	1.557	1.547	1.633	4.99
92) T	1,2-Dibromo-3-Chl	0.212	0.171	0.177	0.166	0.167	0.176	0.178	9.74
93) T	1,2,4-Trichlorobe	0.559	0.358	0.429	0.573	0.656	0.731	0.551	25.14
94) T	Hexachlorobutadie	0.962	0.932	0.783	0.666	0.622	0.572	0.756	21.65
95) T	Naphthalene	1.035	0.815	0.850	1.127	1.339	1.843	1.168	32.71
96) T	1,2,3-Trichlorobe	0.551	0.342	0.432	0.524	0.547	0.734	0.522	25.27

(#) = Out of Range