

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N051620W.M
 Title : SW846 8260
 Last Update : Sat May 16 03:04:07 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN061418.D 5 =VN061419.D 20 =VN061420.D
 50 =VN061421.D 100 =VN061422.D 150 =VN061423.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.331	0.399	0.377	0.392	0.444	0.449	0.399	11.05
3) P	Chloromethane	0.943	0.912	0.793	0.751	0.756	0.689	0.807	12.30
4) C	Vinyl Chloride	1.308	1.411	1.268	1.191	1.198	1.106	1.247	8.53#
5) T	Bromomethane		0.837	0.684	0.661	0.651	0.585	0.684	13.61
6) T	Chloroethane	1.137	1.020	0.849	0.809	0.792	0.721	0.888	17.75
7) T	Trichlorofluorome	1.942	2.022	1.337	1.289	1.308	1.154	1.509	24.71
8) T	Diethyl Ether	0.326	0.366	0.309	0.313	0.341	0.336	0.332	6.24
9) T	1,1,2-Trichlorotr	0.421	0.526	0.457	0.443	0.477	0.471	0.466	7.70
10) T	Methyl Iodide		0.612	0.553	0.563	0.605	0.607	0.588	4.72
11) T	Tert butyl alcoho		0.050	0.044	0.044	0.055	0.051	0.049	9.90
12) CM	1,1-Dichloroethen	0.542	0.538	0.470	0.481	0.503	0.502	0.506	5.75#
13) T	Acrolein		0.085	0.059	0.060	0.061	0.057	0.064	17.66
14) T	Allyl chloride	1.075	0.926	0.797	0.818	0.886	0.855	0.893	11.26
15) T	Acrylonitrile	0.221	0.244	0.237	0.239	0.265	0.256	0.244	6.27
16) T	Acetone	0.300	0.188	0.144	0.148	0.168	0.161	0.185	31.67
17) T	Carbon Disulfide	1.539	1.546	1.308	1.166	1.164	1.129	1.309	14.63
18) T	Methyl Acetate	0.724	0.595	0.489	0.473	0.536	0.526	0.557	16.52
19) T	Methyl tert-butyl	1.970	2.086	1.875	1.892	2.043	2.017	1.981	4.24
20) T	Methylene Chlorid	0.585	0.683	0.577	0.573	0.616	0.614	0.608	6.79
21) T	trans-1,2-Dichlor	0.614	0.662	0.572	0.570	0.624	0.621	0.611	5.72
22) T	Diisopropyl ether	1.889	2.123	1.941	1.952	2.114	2.038	2.009	4.82
23) T	Vinyl Acetate	1.601	1.718	1.580	1.602	1.724	1.606	1.639	3.94
24) P	1,1-Dichloroethan	1.066	1.236	1.107	1.117	1.192	1.144	1.144	5.41
25) T	2-Butanone	0.327	0.325	0.296	0.295	0.330	0.307	0.313	5.12
26) T	2,2-Dichloropropa	1.084	1.004	0.896	0.900	0.956	0.908	0.958	7.76
27) T	cis-1,2-Dichloroe	0.672	0.749	0.687	0.691	0.742	0.721	0.710	4.45
28) T	Bromochloromethan	0.394	0.528	0.534	0.540	0.539	0.504	0.507	11.20
29) T	Tetrahydrofuran	0.216	0.224	0.198	0.209	0.228	0.214	0.215	5.02
30) C	Chloroform	1.203	1.210	1.145	1.164	1.255	1.198	1.196	3.22#
31) T	Cyclohexane		1.388	1.082	1.050	1.093	1.038	1.130	12.90
32) T	1,1,1-Trichloroet	1.011	1.100	1.015	1.060	1.127	1.081	1.066	4.37
33) S	1,2-Dichloroethan		0.740	0.745	0.750	0.821	0.813	0.774	5.12
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.283	0.255	0.245	0.242	0.225	0.250	8.55
36) T	1,1-Dichloroprope	0.538	0.512	0.461	0.475	0.511	0.496	0.499	5.52
37) T	Ethyl Acetate	0.449	0.442	0.360	0.396	0.429	0.408	0.414	8.08
38) T	Carbon Tetrachlor	0.338	0.414	0.404	0.435	0.484	0.471	0.424	12.38
39) T	Methylcyclohexane	0.586	0.629	0.552	0.591	0.620	0.595	0.595	4.59
40) TM	Benzene	1.464	1.552	1.379	1.430	1.519	1.469	1.469	4.20
41) T	Methacrylonitrile	0.175	0.186	0.220	0.208	0.197	0.191	0.196	8.26
42) TM	1,2-Dichloroethan	0.513	0.552	0.511	0.521	0.551	0.529	0.530	3.47
43) T	Isopropyl Acetate	0.851	0.865	0.767	0.770	0.807	0.775	0.806	5.34
44) TM	Trichloroethene	0.363	0.392	0.365	0.372	0.395	0.386	0.379	3.73
45) C	1,2-Dichloropropa	0.343	0.408	0.358	0.370	0.386	0.366	0.372	6.16#
46) T	Dibromomethane	0.218	0.264	0.241	0.251	0.263	0.258	0.249	7.00
47) T	Bromodichlorometh	0.547	0.546	0.507	0.523	0.561	0.542	0.537	3.60
48) T	Methyl methacryla	0.376	0.400	0.334	0.353	0.372	0.354	0.365	6.20
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	11.37
50) S	Toluene-d8		1.227	1.135	1.215	1.326	1.341	1.249	6.82
51) T	4-Methyl-2-Pentan	0.430	0.448	0.413	0.427	0.453	0.424	0.432	3.51
52) CM	Toluene	0.838	0.956	0.862	0.939	1.010	0.995	0.933	7.48#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.547	0.591	0.548	0.590	0.637	0.620	0.589	6.22
54) T	cis-1,3-Dichlorop	0.615	0.632	0.580	0.611	0.655	0.640	0.622	4.23
55) T	1,1,2-Trichloroet	0.306	0.357	0.331	0.351	0.373	0.358	0.346	6.89
56) T	Ethyl methacrylat	0.503	0.582	0.533	0.574	0.621	0.600	0.569	7.65
57) T	1,3-Dichloropropa	0.527	0.648	0.582	0.613	0.645	0.612	0.604	7.49
58) T	2-Chloroethyl Vin	0.198	0.242	0.231	0.249	0.267	0.262	0.241	10.30
59) T	2-Hexanone	0.279	0.300	0.275	0.295	0.317	0.298	0.294	5.17
60) T	Dibromochlorometh	0.327	0.390	0.357	0.388	0.424	0.413	0.383	9.38
61) T	1,2-Dibromoethane	0.320	0.376	0.347	0.366	0.392	0.381	0.364	7.23
62) S	4-Bromofluorobenz		0.421	0.408	0.457	0.505	0.510	0.460	10.14
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.392	0.401	0.361	0.379	0.407	0.399	0.390	4.36
65) PM	Chlorobenzene	1.078	1.062	0.953	0.996	1.070	1.038	1.033	4.76
66) T	1,1,1,2-Tetrachlo	0.337	0.363	0.345	0.369	0.395	0.384	0.365	6.03
67) C	Ethyl Benzene	1.829	1.937	1.817	1.916	2.062	1.959	1.920	4.71#
68) T	m/p-Xylenes	0.660	0.718	0.675	0.720	0.784	0.760	0.719	6.62
69) T	o-Xylene	0.662	0.708	0.649	0.688	0.752	0.728	0.698	5.63
70) T	Styrene	1.005	1.143	1.082	1.203	1.324	1.297	1.175	10.51
71) P	Bromoform	0.219	0.238	0.237	0.259	0.293	0.286	0.255	11.55
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.101	4.382	3.881	3.821	4.091	3.985	4.043	4.94
74) T	N-amyl acetate	1.566	1.778	1.553	1.528	1.612	1.580	1.603	5.63
75) P	1,1,2,2-Tetrachlo	1.311	1.328	1.093	1.040	1.091	1.048	1.152	11.45
76) T	1,2,3-Trichloropr	1.033	1.187	1.094	0.958	1.011	0.988	1.045	7.97
77) T	Bromobenzene	0.914	0.983	0.838	0.822	0.873	0.869	0.883	6.60
78) T	n-propylbenzene	4.873	5.077	4.511	4.498	4.766	4.612	4.723	4.81
79) T	2-Chlorotoluene	2.962	2.957	2.639	2.608	2.758	2.707	2.772	5.57
80) T	1,3,5-Trimethylbe	3.366	3.622	3.228	3.275	3.482	3.396	3.395	4.22
81) T	trans-1,4-Dichlor		0.412	0.369	0.376	0.416	0.409	0.396	5.59
82) T	4-Chlorotoluene	2.946	3.090	2.719	2.752	3.010	2.954	2.912	5.03
83) T	tert-Butylbenzene	3.177	3.126	2.666	2.666	2.839	2.782	2.876	7.80
84) T	1,2,4-Trimethylbe	3.205	3.657	3.252	3.275	3.472	3.435	3.383	5.05
85) T	sec-Butylbenzene	3.961	4.135	3.754	3.716	3.974	3.833	3.895	4.04
86) T	p-Isopropyltoluen	3.033	3.595	3.234	3.335	3.575	3.518	3.382	6.57
87) T	1,3-Dichlorobenze	1.538	1.691	1.513	1.550	1.671	1.663	1.604	4.92
88) T	1,4-Dichlorobenze	1.745	1.707	1.543	1.562	1.670	1.653	1.647	4.85
89) T	n-Butylbenzene	2.864	3.165	2.921	3.057	3.243	3.180	3.072	4.95
90) T	Hexachloroethane	0.457	0.472	0.439	0.441	0.485	0.473	0.461	4.06
91) T	1,2-Dichlorobenze	1.504	1.567	1.506	1.487	1.579	1.545	1.531	2.46
92) T	1,2-Dibromo-3-Chl	0.242	0.220	0.210	0.217	0.226	0.218	0.222	4.92
93) T	1,2,4-Trichlorobe	0.757	0.818	0.818	0.834	0.902	0.898	0.838	6.55
94) T	Hexachlorobutadie	0.257	0.345	0.316	0.324	0.337	0.328	0.318	9.92
95) T	Naphthalene	2.390	2.630	2.662	2.728	2.972	2.934	2.719	7.88
96) T	1,2,3-Trichlorobe	0.841	0.844	0.809	0.807	0.866	0.857	0.837	2.94

(#) = Out of Range