

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N070820W.M
 Title : SW846 8260
 Last Update : Wed Jul 08 12:39:14 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN062398.D 5 =VN062399.D 20 =VN062400.D
 50 =VN062401.D 100 =VN062402.D 150 =VN062403.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.484	0.556	0.497	0.527	0.471	0.520	0.509	6.12
3) P	Chloromethane	0.855	0.894	0.775	0.810	0.739	0.830	0.817	6.82
4) C	Vinyl Chloride	0.641	0.734	0.662	0.681	0.620	0.678	0.670	5.88#
5) T	Bromomethane		0.399	0.351	0.363	0.322	0.354	0.358	7.78
6) T	Chloroethane	0.368	0.434	0.384	0.404	0.365	0.384	0.390	6.60
7) T	Trichlorofluorome	0.844	0.899	0.853	0.864	0.770	0.871	0.850	5.11
8) T	Diethyl Ether	0.365	0.394	0.375	0.393	0.363	0.393	0.380	3.85
9) T	1,1,2-Trichlorotr	0.483	0.548	0.495	0.519	0.469	0.511	0.504	5.60
10) T	Methyl Iodide		0.597	0.634	0.708	0.665	0.724	0.666	7.85
11) T	Tert butyl alcoho		0.144	0.123	0.127	0.116	0.127	0.128	8.19
12) CM	1,1-Dichloroethen	0.478	0.568	0.509	0.527	0.477	0.520	0.513	6.63#
13) T	Acrolein		0.106	0.077	0.091	0.089	0.097	0.092	11.46
14) T	Allyl chloride	1.097	1.295	1.175	1.250	1.154	1.270	1.207	6.36
15) T	Acrylonitrile	0.260	0.357	0.334	0.360	0.332	0.365	0.335	11.63
16) T	Acetone	0.394	0.338	0.313	0.319	0.284	0.311	0.327	11.34
17) T	Carbon Disulfide	1.614	1.760	1.534	1.609	1.482	1.650	1.608	5.98
18) T	Methyl Acetate	0.889	0.835	0.779	0.816	0.745	0.826	0.815	6.09
19) T	Methyl tert-butyl	1.921	1.995	1.891	2.006	1.835	2.026	1.946	3.88
20) T	Methylene Chlorid	0.873	0.749	0.649	0.661	0.600	0.657	0.698	14.05
21) T	trans-1,2-Dichlor	0.509	0.606	0.552	0.584	0.520	0.564	0.556	6.70
22) T	Diisopropyl ether	2.156	2.526	2.403	2.503	2.261	2.459	2.385	6.14
23) T	Vinyl Acetate	1.699	2.064	1.976	2.124	1.925	2.065	1.975	7.74
24) P	1,1-Dichloroethan	1.171	1.338	1.212	1.272	1.148	1.253	1.232	5.68
25) T	2-Butanone	0.425	0.497	0.470	0.503	0.463	0.504	0.477	6.47
26) T	2,2-Dichloropropa	0.944	1.004	0.918	0.953	0.889	0.961	0.945	4.15
27) T	cis-1,2-Dichloroe	0.569	0.696	0.642	0.671	0.612	0.673	0.644	7.23
28) T	Bromochloromethan	0.700	0.694	0.644	0.674	0.614	0.690	0.669	5.04
29) T	Tetrahydrofuran	0.288	0.335	0.321	0.338	0.308	0.336	0.321	6.09
30) C	Chloroform	1.020	1.193	1.112	1.157	1.050	1.143	1.113	5.94#
31) T	Cyclohexane		1.408	1.116	1.146	1.033	1.138	1.168	12.08
32) T	1,1,1-Trichloroet	0.852	0.985	0.919	0.960	0.879	0.958	0.925	5.59
33) S	1,2-Dichloroethan		0.838	0.737	0.771	0.700	0.799	0.769	6.93
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.330	0.292	0.322	0.280	0.322	0.309	7.14
36) T	1,1-Dichloroprope	0.483	0.520	0.495	0.536	0.467	0.522	0.504	5.24
37) T	Ethyl Acetate	0.625	0.582	0.567	0.615	0.549	0.597	0.589	4.91
38) T	Carbon Tetrachlor	0.409	0.478	0.452	0.482	0.424	0.472	0.453	6.68
39) T	Methylcyclohexane	0.451	0.551	0.538	0.585	0.521	0.581	0.538	9.18
40) TM	Benzene	1.338	1.601	1.485	1.568	1.389	1.526	1.485	6.93
41) T	Methacrylonitrile	0.209	0.217	0.240	0.276	0.253	0.281	0.246	12.00
42) TM	1,2-Dichloroethan	0.475	0.578	0.545	0.579	0.517	0.568	0.544	7.53
43) T	Isopropyl Acetate	0.782	0.945	0.930	1.005	0.905	1.016	0.931	9.08
44) TM	Trichloroethene	0.302	0.349	0.324	0.347	0.310	0.343	0.329	6.11
45) C	1,2-Dichloropropa	0.386	0.460	0.435	0.457	0.403	0.446	0.431	7.02#
46) T	Dibromomethane	0.212	0.262	0.247	0.258	0.227	0.254	0.243	8.11
47) T	Bromodichlorometh	0.462	0.532	0.519	0.559	0.496	0.552	0.520	7.00
48) T	Methyl methacryla	0.393	0.464	0.446	0.490	0.445	0.502	0.456	8.50
49) T	1,4-Dioxane	0.006	0.007	0.007	0.007	0.006	0.007	0.007	8.77
50) S	Toluene-d8		1.270	1.147	1.267	1.119	1.298	1.220	6.65
51) T	4-Methyl-2-Pentan	0.447	0.564	0.565	0.614	0.545	0.599	0.556	10.61
52) CM	Toluene	0.737	0.893	0.866	0.914	0.822	0.914	0.858	7.98#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.474	0.574	0.574	0.635	0.585	0.652	0.583	10.77
54) T	cis-1,3-Dichlorop	0.582	0.629	0.632	0.690	0.629	0.694	0.643	6.63
55) T	1,1,2-Trichloroet	0.285	0.353	0.344	0.367	0.319	0.355	0.337	8.91
56) T	Ethyl methacrylat	0.404	0.534	0.566	0.638	0.583	0.655	0.564	15.98
57) T	1,3-Dichloropropa	0.525	0.651	0.622	0.671	0.601	0.668	0.623	8.82
58) T	2-Chloroethyl Vin	0.172	0.175	0.180	0.218	0.211	0.245	0.200	14.70
59) T	2-Hexanone	0.316	0.395	0.410	0.448	0.405	0.447	0.403	12.02
60) T	Dibromochlorometh	0.306	0.371	0.360	0.398	0.359	0.401	0.366	9.41
61) T	1,2-Dibromoethane	0.290	0.350	0.330	0.367	0.333	0.373	0.340	8.89
62) S	4-Bromofluorobenz		0.442	0.404	0.461	0.421	0.503	0.446	8.64
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.277	0.325	0.304	0.305	0.273	0.295	0.297	6.48
65) PM	Chlorobenzene	0.876	1.012	0.988	1.032	0.915	1.007	0.972	6.34
66) T	1,1,1,2-Tetrachlo	0.308	0.380	0.363	0.386	0.341	0.373	0.358	8.24
67) C	Ethyl Benzene	1.591	1.868	1.831	1.965	1.772	1.917	1.824	7.24#
68) T	m/p-Xylenes	0.547	0.655	0.649	0.699	0.635	0.690	0.646	8.41
69) T	o-Xylene	0.548	0.637	0.632	0.673	0.610	0.672	0.629	7.40
70) T	Styrene	0.767	1.012	1.056	1.163	1.060	1.176	1.039	14.26
71) P	Bromoform	0.190	0.262	0.266	0.295	0.267	0.297	0.263	14.87
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.884	4.162	3.924	3.977	3.452	3.816	3.869	6.09
74) T	N-amyl acetate	1.370	1.937	1.925	2.097	1.868	2.102	1.883	14.28
75) P	1,1,2,2-Tetrachlo	1.297	1.473	1.302	1.342	1.139	1.253	1.301	8.42
76) T	1,2,3-Trichloropr	1.227	1.361	1.270	1.187	1.100	1.232	1.229	7.05
77) T	Bromobenzene	0.872	0.943	0.888	0.901	0.795	0.878	0.880	5.53
78) T	n-propylbenzene	4.296	4.707	4.523	4.781	4.178	4.633	4.520	5.27
79) T	2-Chlorotoluene	2.656	2.951	2.773	2.837	2.488	2.753	2.743	5.77
80) T	1,3,5-Trimethylbe	2.842	3.402	3.220	3.333	2.939	3.295	3.172	7.18
81) T	trans-1,4-Dichlor		0.455	0.444	0.476	0.432	0.484	0.458	4.75
82) T	4-Chlorotoluene	2.587	2.871	2.810	2.916	2.604	2.920	2.785	5.45
83) T	tert-Butylbenzene	2.534	2.876	2.730	2.810	2.462	2.738	2.692	5.98
84) T	1,2,4-Trimethylbe	2.821	3.332	3.161	3.310	2.966	3.327	3.153	6.83
85) T	sec-Butylbenzene	3.163	3.810	3.623	3.759	3.319	3.728	3.567	7.42
86) T	p-Isopropyltoluen	2.639	3.156	3.116	3.315	2.942	3.302	3.078	8.28
87) T	1,3-Dichlorobenze	1.324	1.632	1.515	1.611	1.428	1.594	1.517	7.97
88) T	1,4-Dichlorobenze	1.609	1.614	1.500	1.621	1.433	1.591	1.561	4.93
89) T	n-Butylbenzene	2.388	2.632	2.609	2.873	2.713	3.094	2.718	8.91
90) T	Hexachloroethane	0.535	0.637	0.613	0.635	0.574	0.640	0.606	7.04
91) T	1,2-Dichlorobenze	1.320	1.564	1.499	1.565	1.359	1.496	1.467	7.09
92) T	1,2-Dibromo-3-Chl	0.182	0.260	0.232	0.256	0.228	0.267	0.237	13.36
93) T	1,2,4-Trichlorobe	0.334	0.543	0.677	0.777	0.747	0.892	0.661	29.88
94) T	Hexachlorobutadie	0.378	0.421	0.383	0.409	0.354	0.393	0.390	6.08
95) T	Naphthalene	1.177	1.519	1.788	2.121	2.084	2.503	1.865	25.37
96) T	1,2,3-Trichlorobe	0.496	0.581	0.676	0.770	0.742	0.862	0.688	19.34

(#) = Out of Range