

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N102720W.M
 Title : SW846 8260
 Last Update : Tue Oct 27 12:23:17 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN064317.D 5 =VN064318.D 20 =VN064319.D
 50 =VN064320.D 100 =VN064321.D 150 =VN064322.D

	Compound	1	5	20	50	100	150	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.642	0.548	0.537	0.593	0.566	0.563	0.575	6.57
3) P	Chloromethane	0.728	0.620	0.542	0.605	0.624	0.609	0.621	9.70
4) C	Vinyl Chloride	0.646	0.582	0.539	0.617	0.619	0.605	0.601	6.15#
5) T	Bromomethane		0.423	0.368	0.391	0.386	0.374	0.388	5.48
6) T	Chloroethane	0.411	0.354	0.326	0.353	0.359	0.351	0.359	7.82
7) T	Trichlorofluorome	1.074	1.007	0.948	1.018	1.058	0.937	1.007	5.55
8) T	Diethyl Ether	0.324	0.293	0.295	0.329	0.339	0.331	0.318	6.17
9) T	1,1,2-Trichlorotr	0.528	0.531	0.464	0.507	0.513	0.493	0.506	4.91
10) T	Methyl Iodide		0.604	0.599	0.703	0.736	0.734	0.675	10.15
11) T	Tert butyl alcoho		0.107	0.112	0.120	0.122	0.121	0.117	5.48
12) CM	1,1-Dichloroethen	0.491	0.476	0.430	0.488	0.503	0.478	0.478	5.26#
13) T	Acrolein		0.041	0.018	0.023	0.026	0.027	0.027	31.50
14) T	Allyl chloride	1.053	0.926	0.866	0.976	1.031	1.000	0.975	7.13
15) T	Acrylonitrile	0.209	0.230	0.238	0.269	0.279	0.279	0.251	11.74
16) T	Acetone	0.388	0.266	0.271	0.288	0.284	0.261	0.293	16.19
17) T	Carbon Disulfide	1.583	1.375	1.233	1.404	1.446	1.439	1.413	8.05
18) T	Methyl Acetate	0.724	0.512	0.540	0.612	0.626	0.608	0.604	12.32
19) T	Methyl tert-butyl	1.855	1.725	1.701	1.895	1.953	1.884	1.835	5.47
20) T	Methylene Chlorid	0.615	0.578	0.511	0.574	0.580	0.560	0.570	5.97
21) T	trans-1,2-Dichlor	0.544	0.548	0.477	0.531	0.559	0.537	0.533	5.41
22) T	Diisopropyl ether	1.906	1.834	1.752	1.940	2.024	1.984	1.907	5.27
23) T	Vinyl Acetate	1.299	1.534	1.548	1.743	1.813	1.741	1.613	11.84
24) P	1,1-Dichloroethan	1.159	1.028	0.954	1.085	1.103	1.073	1.067	6.54
25) T	2-Butanone	0.413	0.371	0.376	0.419	0.426	0.416	0.403	5.93
26) T	2,2-Dichloropropa	1.142	1.042	0.949	1.056	1.059	1.016	1.044	6.03
27) T	cis-1,2-Dichloroe	0.577	0.609	0.565	0.627	0.654	0.627	0.610	5.52
28) T	Bromochloromethan	0.477	0.520	0.466	0.504	0.540	0.543	0.508	6.31
29) T	Tetrahydrofuran	0.273	0.229	0.243	0.273	0.279	0.276	0.262	7.93
30) C	Chloroform	1.234	1.122	1.046	1.141	1.170	1.120	1.139	5.48#
31) T	Cyclohexane		1.052	0.857	0.912	0.939	0.902	0.933	7.85
32) T	1,1,1-Trichloroet	1.226	1.089	0.983	1.096	1.108	1.059	1.093	7.21
33) S	1,2-Dichloroethan		0.856	0.760	0.766	0.818	0.817	0.803	5.01
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.327	0.305	0.326	0.353	0.357	0.333	6.51
36) T	1,1-Dichloroprope	0.523	0.480	0.468	0.509	0.531	0.517	0.505	4.98
37) T	Ethyl Acetate	0.511	0.470	0.474	0.526	0.539	0.538	0.510	6.09
38) T	Carbon Tetrachlor	0.601	0.558	0.530	0.608	0.617	0.596	0.585	5.77
39) T	Methylcyclohexane	0.504	0.505	0.448	0.504	0.525	0.516	0.500	5.40
40) TM	Benzene	1.499	1.402	1.233	1.409	1.443	1.441	1.405	6.46
41) T	Methacrylonitrile	0.248	0.253	0.246	0.241	0.256	0.274	0.253	4.54
42) TM	1,2-Dichloroethan	0.617	0.607	0.562	0.625	0.631	0.600	0.607	4.07
43) T	Isopropyl Acetate	0.834	0.838	0.781	0.905	0.932	0.938	0.871	7.26
44) TM	Trichloroethene	0.343	0.357	0.342	0.386	0.388	0.391	0.368	6.29
45) C	1,2-Dichloropropa	0.405	0.361	0.342	0.381	0.388	0.380	0.376	5.82#
46) T	Dibromomethane	0.266	0.246	0.241	0.275	0.275	0.275	0.263	5.94
47) T	Bromodichlorometh	0.678	0.551	0.507	0.586	0.592	0.585	0.583	9.67
48) T	Methyl methacryla	0.482	0.419	0.397	0.453	0.476	0.470	0.450	7.63
49) T	1,4-Dioxane	0.005	0.006	0.007	0.007	0.007	0.007	0.007	11.02
50) S	Toluene-d8		1.219	1.120	1.180	1.297	1.350	1.233	7.42
51) T	4-Methyl-2-Pentan	0.496	0.453	0.471	0.531	0.545	0.543	0.506	7.69
52) CM	Toluene	0.926	0.871	0.773	0.900	0.924	0.924	0.886	6.72#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.599	0.575	0.545	0.635	0.674	0.672	0.617	8.54
54) T	cis-1,3-Dichlorop	0.626	0.584	0.570	0.668	0.684	0.676	0.635	7.74
55) T	1,1,2-Trichloroet	0.366	0.333	0.314	0.356	0.364	0.366	0.350	6.12
56) T	Ethyl methacrylat	0.478	0.480	0.489	0.557	0.588	0.587	0.530	10.04
57) T	1,3-Dichloropropa	0.570	0.570	0.542	0.624	0.640	0.634	0.597	6.89
58) T	2-Chloroethyl Vin	0.334	0.256	0.257	0.279	0.310	0.297	0.289	10.73
59) T	2-Hexanone	0.339	0.329	0.349	0.399	0.411	0.411	0.373	10.19
60) T	Dibromochlorometh	0.384	0.367	0.366	0.447	0.460	0.458	0.414	11.05
61) T	1,2-Dibromoethane	0.292	0.331	0.337	0.384	0.397	0.399	0.356	12.23
62) S	4-Bromofluorobenz		0.448	0.429	0.471	0.513	0.543	0.481	9.74
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.452	0.427	0.366	0.412	0.415	0.394	0.411	7.16
65) PM	Chlorobenzene	0.997	0.983	0.913	1.039	1.089	1.061	1.014	6.24
66) T	1,1,1,2-Tetrachlo	0.464	0.367	0.367	0.417	0.430	0.413	0.410	9.23
67) C	Ethyl Benzene	1.888	1.778	1.702	1.958	2.035	1.946	1.885	6.57#
68) T	m/p-Xylenes	0.694	0.660	0.633	0.721	0.756	0.727	0.698	6.55
69) T	o-Xylene	0.671	0.653	0.593	0.686	0.731	0.703	0.673	7.05
70) T	Stvrene	0.943	1.013	1.006	1.194	1.245	1.217	1.103	11.77
71) P	Bromoform	0.288	0.297	0.285	0.336	0.366	0.358	0.322	11.28
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.996	3.798	3.428	3.800	3.774	3.673	3.745	5.00
74) T	N-amyl acetate	1.434	1.557	1.547	1.762	1.808	1.781	1.648	9.41
75) P	1,1,2,2-Tetrachlo	1.200	1.112	1.002	1.077	1.079	1.060	1.089	6.01
76) T	1,2,3-Trichloropr	1.487	1.105	1.076	1.195	1.159	1.163	1.197	12.38
77) T	Bromobenzene	0.953	0.936	0.820	0.933	0.941	0.919	0.917	5.33
78) T	n-propylbenzene	4.273	4.210	3.921	4.411	4.381	4.241	4.240	4.13
79) T	2-Chlorotoluene	3.047	2.732	2.479	2.712	2.678	2.614	2.710	6.95
80) T	1,3,5-Trimethylbe	3.246	3.177	2.922	3.257	3.249	3.162	3.169	4.01
81) T	trans-1,4-Dichlor		0.358	0.370	0.444	0.458	0.449	0.416	11.47
82) T	4-Chlorotoluene	2.915	2.752	2.488	2.833	2.822	2.756	2.761	5.30
83) T	tert-Butylbenzene	2.732	2.595	2.421	2.634	2.669	2.550	2.600	4.14
84) T	1,2,4-Trimethylbe	3.095	3.167	2.934	3.313	3.278	3.210	3.166	4.36
85) T	sec-Butylbenzene	3.656	3.345	3.056	3.382	3.419	3.332	3.365	5.71
86) T	p-Isopropyltoluen	2.988	3.091	2.777	3.122	3.139	3.071	3.031	4.46
87) T	1,3-Dichlorobenze	1.571	1.669	1.418	1.638	1.683	1.653	1.605	6.21
88) T	1,4-Dichlorobenze	1.734	1.667	1.454	1.630	1.678	1.647	1.635	5.84
89) T	n-Butylbenzene	2.723	2.731	2.434	2.689	2.750	2.696	2.670	4.42
90) T	Hexachloroethane	0.522	0.585	0.512	0.603	0.604	0.591	0.569	7.30
91) T	1,2-Dichlorobenze	1.829	1.511	1.424	1.589	1.636	1.587	1.596	8.53
92) T	1,2-Dibromo-3-Chl	0.260	0.246	0.260	0.284	0.286	0.284	0.270	6.32
93) T	1,2,4-Trichlorobe	0.536	0.688	0.782	0.899	0.933	0.948	0.798	20.35
94) T	Hexachlorobutadie	0.611	0.501	0.431	0.458	0.467	0.470	0.490	13.00
95) T	Naphthalene	1.943	1.846	2.422	2.714	2.885	2.942	2.459	19.27
96) T	1,2,3-Trichlorobe	0.598	0.604	0.753	0.866	0.897	0.917	0.773	18.70

(#) = Out of Range