

Method Path : Z:\VOASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y112020S.M
 Title : SW846 8260
 Last Update : Sat Nov 21 01:00:42 2020
 Response Via : Initial Calibration

Calibration Files

5 =VY003557.D 10 =VY003558.D 20 =VY003559.D
 50 =VY003560.D 100 =VY003561.D 150 =VY003562.D

	Compound	5	10	20	50	100	150	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.147	0.146	0.141	0.143	0.148	0.159	0.147	4.24
3) P	Chloromethane	0.417	0.361	0.334	0.328	0.323	0.318	0.347	10.86
4) C	Vinyl Chloride	0.474	0.458	0.451	0.451	0.437	0.422	0.449	3.93#
5) T	Bromomethane	0.421	0.395	0.389	0.363	0.349	0.335	0.375	8.50
6) T	Chloroethane	0.332	0.318	0.308	0.313	0.306	0.312	0.315	2.99
7) T	Trichlorofluorome	0.402	0.392	0.395	0.408	0.393	0.386	0.396	1.92
8) T	Diethyl Ether	0.291	0.306	0.299	0.287	0.276	0.263	0.287	5.44
9) T	1,1,2-Trichlorotr	0.479	0.472	0.476	0.456	0.428	0.416	0.454	5.85
10) T	Methyl Iodide	0.819	0.825	0.780	0.763	0.732	0.709	0.772	6.01
11) T	Tert butyl alcoho	0.044	0.039	0.035	0.042	0.040	0.035	0.039	9.85
12) CM	1,1-Dichloroethen	0.525	0.512	0.492	0.494	0.474	0.457	0.492	4.97#
13) T	Acrolein	0.049	0.053	0.051	0.050	0.048	0.047	0.050	3.85
14) T	Allyl chloride	0.834	0.872	0.827	0.828	0.802	0.789	0.825	3.46
15) T	Acrylonitrile	0.137	0.147	0.132	0.140	0.130	0.124	0.135	5.79
16) T	Acetone	0.155	0.169	0.153	0.209	0.191	0.163	0.173	12.74
17) T	Carbon Disulfide	1.598	1.491	1.431	1.399	1.316	1.267	1.417	8.43
18) T	Methyl Acetate	0.454	0.390	0.357	0.372	0.354	0.336	0.377	11.16
19) T	Methyl tert-butyl	0.746	0.770	0.758	0.748	0.693	0.669	0.731	5.47
20) T	Methylene Chlorid	0.995	0.714	0.655	0.570	0.525	0.491	0.658	28.00
21) T	trans-1,2-Dichlor	0.603	0.578	0.555	0.547	0.519	0.500	0.550	6.87
22) T	Diisopropyl ether	1.348	1.449	1.416	1.459	1.412	1.404	1.415	2.78
23) T	Vinyl Acetate	0.956	1.160	1.119	1.168	1.110	1.084	1.100	7.00
24) P	1,1-Dichloroethan	0.996	0.991	0.962	0.939	0.887	0.875	0.942	5.45
25) T	2-Butanone	0.215	0.228	0.209	0.254	0.234	0.210	0.225	7.80
26) T	2,2-Dichloropropa	0.731	0.684	0.613	0.592	0.552	0.523	0.616	12.79
27) T	cis-1,2-Dichloroe	0.620	0.626	0.610	0.597	0.575	0.553	0.597	4.70
28) T	Bromochloromethan	0.456	0.455	0.471	0.474	0.473	0.436	0.461	3.25
29) T	Tetrahydrofuran	0.118	0.125	0.117	0.123	0.114	0.109	0.118	5.00
30) C	Chloroform	0.969	1.005	0.957	0.950	0.892	0.865	0.940	5.50#
31) T	Cyclohexane	0.888	0.772	0.744	0.723	0.701	0.675	0.751	10.03
32) T	1,1,1-Trichloroet	0.754	0.761	0.717	0.736	0.703	0.685	0.726	4.10
33) S	1,2-Dichloroethan	0.562	0.553	0.537	0.509	0.479	0.474	0.519	7.23

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.338	0.344	0.344	0.331	0.311	0.304	0.329	5.22
36) T	1,1-Dichloroprope	0.504	0.518	0.505	0.498	0.473	0.456	0.492	4.71
37) T	Ethyl Acetate	0.280	0.317	0.298	0.319	0.286	0.281	0.297	5.86
38) T	Carbon Tetrachlor	0.441	0.456	0.472	0.472	0.453	0.442	0.456	3.00
39) T	Methylcyclohexane	0.483	0.474	0.493	0.524	0.524	0.504	0.500	4.20
40) TM	Benzene	1.546	1.526	1.484	1.480	1.397	1.322	1.459	5.78
41) T	Methacrylonitrile	0.211	0.166	0.197	0.175	0.165	0.138	0.175	14.69
42) TM	1,2-Dichloroethan	0.426	0.451	0.420	0.417	0.394	0.382	0.415	5.86
43) T	Isopropyl Acetate	0.513	0.580	0.545	0.567	0.539	0.524	0.545	4.66
44) TM	Trichloroethene	0.423	0.421	0.406	0.399	0.376	0.361	0.398	6.21
45) C	1,2-Dichloropropa	0.366	0.377	0.371	0.369	0.355	0.332	0.362	4.54#
46) T	Dibromomethane	0.215	0.217	0.212	0.210	0.196	0.186	0.206	5.88
47) T	Bromodichlorometh	0.509	0.511	0.488	0.496	0.474	0.457	0.489	4.25
48) T	Methyl methacryla	0.258	0.276	0.257	0.268	0.257	0.250	0.261	3.56
49) T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.002	0.002	0.002	9.89
50) S	Toluene-d8	1.305	1.355	1.356	1.284	1.207	1.161	1.278	6.22
51) T	4-Methyl-2-Pentan	0.231	0.262	0.259	0.285	0.273	0.255	0.261	7.01
52) CM	Toluene	0.892	0.925	0.916	0.923	0.875	0.829	0.893	4.17#

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	Compound	5	10	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.496	0.528	0.513	0.533	0.510	0.492	0.512	3.23
54) T	cis-1,3-Dichlorop	0.580	0.595	0.593	0.605	0.575	0.549	0.583	3.38
55) T	1,1,2-Trichloroet	0.293	0.307	0.309	0.300	0.280	0.264	0.292	5.88
56) T	Ethyl methacrylat	0.301	0.348	0.345	0.386	0.382	0.369	0.355	8.81
57) T	1,3-Dichloropropa	0.485	0.511	0.518	0.511	0.481	0.462	0.495	4.44
58) T	2-Chloroethyl Vin	0.168	0.185	0.194	0.183	0.182	0.181	0.182	4.66
59) T	2-Hexanone	0.177	0.213	0.208	0.252	0.234	0.208	0.215	11.87
60) T	Dibromochlorometh	0.347	0.365	0.371	0.360	0.347	0.331	0.353	4.16
61) T	1,2-Dibromoethane	0.283	0.301	0.284	0.288	0.275	0.258	0.282	5.09
62) S	4-Bromofluorobenz	0.408	0.419	0.418	0.414	0.392	0.383	0.406	3.66
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.403	0.388	0.374	0.380	0.357	0.338	0.373	6.20
65) PM	Chlorobenzene	1.138	1.153	1.093	1.084	1.026	0.996	1.082	5.67
66) T	1,1,1,2-Tetrachlo	0.305	0.326	0.315	0.316	0.308	0.293	0.310	3.64
67) C	Ethyl Benzene	1.709	1.819	1.792	1.817	1.783	1.715	1.773	2.76#
68) T	m/p-Xylenes	0.660	0.695	0.692	0.702	0.677	0.646	0.679	3.23
69) T	o-Xylene	0.517	0.540	0.556	0.558	0.557	0.529	0.543	3.15
70) T	Styrene	1.025	1.101	1.107	1.145	1.118	1.070	1.094	3.81
71) P	Bromoform	0.250	0.268	0.250	0.258	0.242	0.236	0.251	4.50
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.498	2.464	2.455	2.532	2.542	2.451	2.491	1.61
74) T	N-amyl acetate	0.872	0.944	0.973	1.053	1.052	1.023	0.986	7.18
75) P	1,1,2,2-Tetrachlo	0.705	0.709	0.710	0.704	0.684	0.647	0.693	3.56
76) T	1,2,3-Trichloropr	0.493	0.583	0.459	0.475	0.464	0.435	0.485	10.70
77) T	Bromobenzene	0.919	0.960	0.940	0.941	0.881	0.858	0.916	4.29
78) T	n-propylbenzene	3.416	3.477	3.531	3.589	3.578	3.402	3.499	2.29
79) T	2-Chlorotoluene	2.051	2.048	2.033	2.051	2.016	1.919	2.020	2.54
80) T	1,3,5-Trimethylbe	1.941	1.908	1.913	1.893	1.852	1.724	1.872	4.17
81) T	trans-1,4-Dichlor	0.304	0.305	0.305	0.323	0.298	0.294	0.305	3.31
82) T	4-Chlorotoluene	2.488	2.488	2.500	2.549	2.443	2.379	2.474	2.33
83) T	tert-Butylbenzene	1.959	1.904	1.870	1.942	1.871	1.823	1.895	2.66
84) T	1,2,4-Trimethylbe	1.933	2.035	2.040	2.073	2.005	1.872	1.993	3.81
85) T	sec-Butylbenzene	2.295	2.223	2.187	2.180	2.072	1.912	2.145	6.29
86) T	p-Isopropyltoluen	2.032	1.968	1.971	1.976	1.890	1.710	1.924	5.95
87) T	1,3-Dichlorobenze	1.719	1.719	1.703	1.706	1.618	1.543	1.668	4.32
88) T	1,4-Dichlorobenze	1.826	1.756	1.714	1.760	1.630	1.569	1.709	5.51
89) T	n-Butylbenzene	1.957	2.026	2.040	2.185	2.157	1.991	2.059	4.44
90) T	Hexachloroethane	0.527	0.518	0.530	0.519	0.494	0.465	0.509	4.93
91) T	1,2-Dichlorobenze	1.389	1.399	1.348	1.345	1.286	1.222	1.331	5.04
92) T	1,2-Dibromo-3-Chl	0.094	0.096	0.087	0.094	0.088	0.083	0.090	5.82
93) T	1,2,4-Trichlorobe	0.717	0.741	0.733	0.774	0.771	0.744	0.747	2.98
94) T	Hexachlorobutadie	0.531	0.479	0.442	0.420	0.359	0.315	0.424	18.59
95) T	Naphthalene	1.131	1.239	1.222	1.381	1.366	1.306	1.274	7.46
96) T	1,2,3-Trichlorobe	0.559	0.556	0.541	0.559	0.550	0.528	0.549	2.22

(#) = Out of Range