

Method Path : Z:\VOASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y100319W.M
 Title : SW846 8260
 Last Update : Fri Oct 04 06:00:29 2019
 Response Via : Initial Calibration

Calibration Files

1 =VY000182.D 5 =VY000183.D 20 =VY000184.D
 50 =VY000185.D 100 =VY000186.D 150 =VY000187.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.381	0.390	0.431	0.464	0.456	0.426	0.425	7.96
3) P	Chloromethane	0.565	0.464	0.490	0.500	0.494	0.484	0.499	6.85
4) C	Vinyl Chloride	0.469	0.522	0.531	0.560	0.571	0.551	0.534	6.82#
5) T	Bromomethane		0.434	0.388	0.384	0.313	0.178	0.339	29.54
6) T	Chloroethane	0.330	0.329	0.334	0.358	0.355	0.347	0.342	3.74
7) T	Trichlorofluorome	0.659	0.777	0.772	0.797	0.809	0.770	0.764	7.03
8) T	Diethyl Ether	0.318	0.307	0.296	0.316	0.321	0.312	0.312	2.82
9) T	1,1,2-Trichlorotr	0.405	0.443	0.460	0.476	0.480	0.452	0.453	6.00
10) T	Methyl Iodide		0.582	0.749	0.868	0.871	0.771	0.768	15.34
11) T	Tert butyl alcoho		0.306	0.261	0.266	0.250	0.237	0.264	9.83
12) CM	1,1-Dichloroethen	0.454	0.473	0.465	0.486	0.494	0.471	0.474	3.07#
13) T	Acrolein		0.133	0.103	0.094	0.101	0.109	0.108	13.63
14) T	Allyl chloride	0.569	0.624	0.608	0.631	0.650	0.658	0.623	5.20
15) T	Acrylonitrile	0.392	0.430	0.420	0.443	0.456	0.445	0.431	5.30
16) T	Acetone	0.396	0.378	0.251	0.348	0.363	0.364	0.350	14.63
17) T	Carbon Disulfide	1.107	1.205	1.281	1.354	1.379	1.341	1.278	8.15
18) T	Methyl Acetate	0.887	0.979	0.904	0.957	0.994	0.980	0.950	4.66
19) T	Methyl tert-butyl	1.403	1.513	1.464	1.559	1.631	1.589	1.527	5.51
20) T	Methylene Chlorid	0.575	0.530	0.492	0.512	0.526	0.498	0.522	5.73
21) T	trans-1,2-Dichlor	0.518	0.495	0.490	0.521	0.539	0.516	0.513	3.52
22) T	Diisopropyl ether	1.175	1.356	1.360	1.466	1.607	1.585	1.425	11.40
23) T	Vinyl Acetate	1.063	1.217	1.244	1.383	1.508	1.511	1.321	13.47
24) P	1,1-Dichloroethan	0.750	0.794	0.778	0.825	0.850	0.823	0.803	4.54
25) T	2-Butanone	0.568	0.625	0.550	0.657	0.673	0.661	0.622	8.35
26) T	2,2-Dichloropropa	1.008	0.807	0.753	0.790	0.812	0.772	0.824	11.28
27) T	cis-1,2-Dichloroe	0.523	0.613	0.563	0.604	0.608	0.588	0.583	5.95
28) T	Bromochloromethan	0.263	0.296	0.243	0.284	0.278	0.306	0.278	8.16
29) T	Tetrahydrofuran	0.369	0.411	0.425	0.466	0.486	0.479	0.439	10.37
30) C	Chloroform	0.891	0.873	0.853	0.896	0.922	0.887	0.887	2.58#
31) T	Cyclohexane		0.839	0.769	0.795	0.826	0.795	0.805	3.44
32) T	1,1,1-Trichloroet	0.737	0.777	0.790	0.827	0.843	0.806	0.797	4.71
33) S	1,2-Dichloroethan		0.463	0.573	0.550	0.513	0.527	0.525	7.96
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.280	0.345	0.329	0.310	0.306	0.314	7.84
36) T	1,1-Dichloroprope	0.431	0.420	0.438	0.451	0.475	0.447	0.444	4.22
37) T	Ethyl Acetate	0.704	0.634	0.645	0.713	0.758	0.716	0.695	6.74
38) T	Carbon Tetrachlor	0.421	0.443	0.495	0.519	0.521	0.485	0.481	8.48
39) T	Methylcyclohexane	0.473	0.530	0.586	0.617	0.628	0.589	0.570	10.28
40) TM	Benzene	1.196	1.302	1.319	1.407	1.437	1.362	1.337	6.43
41) T	Methacrylonitrile	0.294	0.328	0.307	0.276	0.322	0.283	0.302	6.93
42) TM	1,2-Dichloroethan	0.364	0.425	0.421	0.450	0.463	0.435	0.426	8.00
43) T	Isopropyl Acetate	0.814	0.854	0.882	0.952	0.995	0.937	0.906	7.48
44) TM	Trichloroethene	0.364	0.406	0.419	0.435	0.430	0.404	0.410	6.24
45) C	1,2-Dichloropropa	0.306	0.308	0.317	0.327	0.336	0.327	0.320	3.69#
46) T	Dibromomethane	0.230	0.235	0.237	0.251	0.252	0.239	0.241	3.60
47) T	Bromodichlorometh	0.385	0.440	0.449	0.479	0.497	0.469	0.453	8.64
48) T	Methyl methacryla	0.346	0.374	0.386	0.422	0.443	0.422	0.399	9.06
49) T	1,4-Dioxane	0.011	0.012	0.013	0.013	0.012	0.012	0.012	5.50
50) S	Toluene-d8		1.055	1.355	1.260	1.200	1.203	1.215	8.99
51) T	4-Methyl-2-Pentan	0.552	0.639	0.667	0.734	0.750	0.691	0.672	10.67
52) CM	Toluene	0.795	0.818	0.866	0.923	0.959	0.904	0.878	7.19#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.450	0.479	0.516	0.563	0.572	0.543	0.521	9.28
54) T	cis-1,3-Dichlorop	0.511	0.540	0.551	0.593	0.610	0.578	0.564	6.52
55) T	1,1,2-Trichloroet	0.285	0.332	0.345	0.373	0.368	0.337	0.340	9.33
56) T	Ethyl methacrylat	0.468	0.506	0.551	0.605	0.617	0.577	0.554	10.49
57) T	1,3-Dichloropropa	0.513	0.558	0.565	0.590	0.601	0.555	0.564	5.47
58) T	2-Chloroethyl Vin	0.239	0.244	0.310	0.242	0.275	0.277	0.264	10.62
59) T	2-Hexanone	0.464	0.541	0.540	0.626	0.636	0.598	0.568	11.48
60) T	Dibromochlorometh	0.355	0.384	0.405	0.436	0.431	0.393	0.401	7.54
61) T	1,2-Dibromoethane	0.335	0.368	0.387	0.412	0.404	0.375	0.380	7.30
62) S	4-Bromofluorobenz		0.384	0.485	0.452	0.418	0.406	0.429	9.27
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.415	0.484	0.482	0.504	0.481	0.446	0.469	6.88
65) PM	Chlorobenzene	0.967	1.089	1.068	1.137	1.139	1.077	1.080	5.80
66) T	1,1,1,2-Tetrachlo	0.365	0.414	0.410	0.427	0.420	0.396	0.405	5.54
67) C	Ethyl Benzene	1.594	1.756	1.855	1.958	2.000	1.930	1.849	8.21#
68) T	m/p-Xylenes	0.673	0.713	0.732	0.784	0.796	0.760	0.743	6.25
69) T	o-Xylene	0.618	0.684	0.700	0.757	0.757	0.724	0.707	7.41
70) T	Stvrene	0.980	1.134	1.196	1.275	1.305	1.266	1.192	10.17
71) P	Bromoform	0.321	0.331	0.369	0.393	0.385	0.366	0.361	8.01
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.263	3.551	3.636	3.832	4.037	3.756	3.679	7.18
74) T	N-amyl acetate	1.080	1.311	1.454	1.641	1.816	1.724	1.504	18.41
75) P	1,1,2,2-Tetrachlo	1.008	1.169	1.139	1.201	1.231	1.149	1.150	6.72
76) T	1,2,3-Trichloropr	0.753	0.840	0.856	0.891	0.878	0.842	0.843	5.78
77) T	Bromobenzene	0.885	0.976	0.930	0.997	1.005	0.904	0.950	5.30
78) T	n-propylbenzene	3.460	3.919	4.115	4.395	4.633	4.240	4.127	9.86
79) T	2-Chlorotoluene	1.973	2.358	2.353	2.505	2.581	2.359	2.355	8.90
80) T	1,3,5-Trimethylbe	2.707	2.927	3.055	3.219	3.368	3.043	3.053	7.51
81) T	trans-1,4-Dichlor		0.441	0.484	0.536	0.571	0.533	0.513	9.92
82) T	4-Chlorotoluene	2.134	2.290	2.416	2.617	2.685	2.467	2.435	8.39
83) T	tert-Butylbenzene	2.380	2.687	2.699	2.823	2.914	2.647	2.692	6.77
84) T	1,2,4-Trimethylbe	2.498	2.846	3.044	3.225	3.347	3.076	3.006	10.03
85) T	sec-Butylbenzene	3.230	3.456	3.637	3.889	4.037	3.671	3.653	7.95
86) T	p-Isopropyltoluen	2.817	3.179	3.355	3.542	3.714	3.378	3.331	9.31
87) T	1,3-Dichlorobenze	1.679	1.705	1.761	1.784	1.826	1.650	1.734	3.87
88) T	1,4-Dichlorobenze	1.607	1.776	1.760	1.825	1.845	1.683	1.749	5.14
89) T	n-Butylbenzene	2.436	2.585	2.875	3.214	3.392	3.130	2.939	12.73
90) T	Hexachloroethane	0.487	0.579	0.627	0.674	0.694	0.636	0.616	12.11
91) T	1,2-Dichlorobenze	1.577	1.723	1.727	1.766	1.772	1.630	1.699	4.64
92) T	1,2-Dibromo-3-Chl	0.386	0.348	0.388	0.415	0.422	0.395	0.392	6.70
93) T	1,2,4-Trichlorobe	1.027	1.151	1.214	1.291	1.313	1.206	1.200	8.62
94) T	Hexachlorobutadie	0.543	0.578	0.607	0.636	0.645	0.588	0.600	6.38
95) T	Naphthalene	3.732	3.965	4.200	4.490	4.666	4.359	4.235	8.13
96) T	1,2,3-Trichlorobe	1.017	1.133	1.198	1.264	1.299	1.204	1.186	8.49

(#) = Out of Range