

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y092619S.M
 Title : SW846 8260
 Last Update : Thu Sep 26 14:30:12 2019
 Response Via : Initial Calibration

Calibration Files

10 =VY000143.D 5 =VY000142.D 20 =VY000144.D
 50 =VY000145.D 100 =VY000146.D 150 =VY000147.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.486	0.457	0.430	0.364	0.330	0.317	0.397	17.72
3) P	Chloromethane	0.664	0.743	0.553	0.551	0.493	0.475	0.580	17.85
4) C	Vinyl Chloride	0.676	0.649	0.644	0.626	0.579	0.565	0.623	6.92#
5) T	Bromomethane	0.491	0.481	0.423	0.408	0.367	0.351	0.420	13.68
6) T	Chloroethane	0.406	0.420	0.392	0.385	0.366	0.352	0.387	6.51
7) T	Trichlorofluorome	0.808	0.793	0.762	0.762	0.704	0.677	0.751	6.76
8) T	Diethyl Ether	0.318	0.318	0.300	0.309	0.286	0.266	0.299	6.73
9) T	1,1,2-Trichlorotr	0.541	0.512	0.479	0.507	0.460	0.442	0.490	7.42
10) T	Methyl Iodide	0.767	0.642	0.735	0.841	0.795	0.757	0.756	8.83
11) T	Tert butyl alcoho	0.050	0.053	0.040	0.043	0.042	0.036	0.044	14.56
12) CM	1,1-Dichloroethen	0.577	0.512	0.513	0.525	0.491	0.467	0.514	7.21#
13) T	Acrolein	0.054	0.059	0.049	0.055	0.055	0.053	0.054	5.79
14) T	Allyl chloride	0.673	0.652	0.647	0.669	0.617	0.602	0.643	4.42
15) T	Acrylonitrile	0.148	0.146	0.127	0.138	0.136	0.123	0.136	7.30
16) T	Acetone	0.121	0.132	0.092	0.108	0.102		0.111	14.29
17) T	Carbon Disulfide	1.773	1.666	1.595	1.629	1.477	1.430	1.595	7.88
18) T	Methyl Acetate	0.323	0.380	0.300	0.304	0.313	0.286	0.318	10.38
19) T	Methyl tert-butyl	1.318	1.227	1.154	1.284	1.216	1.103	1.217	6.54
20) T	Methylene Chlorid	0.719	0.789	0.619	0.572	0.524	0.495	0.620	18.48
21) T	trans-1,2-Dichlor	0.618	0.602	0.570	0.587	0.542	0.518	0.573	6.60
22) T	Diisopropyl ether	1.441	1.364	1.323	1.382	1.318	1.284	1.352	4.14
23) T	Vinyl Acetate	0.892	0.831	0.767	0.875	0.879	0.840	0.847	5.46
24) P	1,1-Dichloroethan	0.884	0.844	0.805	0.847	0.777	0.753	0.819	5.98
25) T	2-Butanone	0.181	0.185	0.144	0.173	0.172	0.154	0.168	9.51
26) T	2,2-Dichloropropa	0.805	0.845	0.713	0.745	0.691	0.667	0.744	9.24
27) T	cis-1,2-Dichloroe	0.705	0.648	0.620	0.662	0.610	0.575	0.637	7.13
28) T	Bromochloromethan	0.290	0.321	0.281	0.337	0.325	0.317	0.312	6.96
29) T	Tetrahydrofuran	0.112	0.108	0.094	0.105	0.107	0.096	0.104	6.54
30) C	Chloroform	0.930	0.932	0.826	0.871	0.804	0.777	0.857	7.62#
31) T	Cyclohexane	0.950	1.005	0.820	0.813	0.761	0.727	0.846	12.87
32) T	1,1,1-Trichloroet	0.806	0.766	0.723	0.784	0.728	0.700	0.751	5.45
33) S	1,2-Dichloroethan	0.454	0.423	0.432	0.457	0.437	0.424	0.438	3.33
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.283	0.229	0.268	0.270	0.255	0.266	0.262	7.10
36) T	1,1-Dichloroprope	0.420	0.463	0.401	0.422	0.392	0.394	0.416	6.38
37) T	Ethyl Acetate	0.242	0.251	0.194	0.214	0.215	0.201	0.219	10.36
38) T	Carbon Tetrachlor	0.416	0.406	0.397	0.420	0.393	0.401	0.406	2.60
39) T	Methylcyclohexane	0.616	0.618	0.575	0.604	0.559	0.564	0.589	4.49
40) TM	Benzene	1.377	1.357	1.307	1.336	1.254	1.244	1.313	4.16
41) T	Methacrylonitrile	0.113	0.104	0.096	0.113	0.098	0.111	0.106	7.29
42) TM	1,2-Dichloroethan	0.336	0.331	0.302	0.323	0.317	0.307	0.319	4.15
43) T	Isopropyl Acetate	0.428	0.416	0.360	0.417	0.416	0.395	0.405	6.07
44) TM	Trichloroethene	0.443	0.423	0.416	0.439	0.404	0.391	0.419	4.79
45) C	1,2-Dichloropropa	0.295	0.291	0.291	0.295	0.284	0.282	0.290	1.90#
46) T	Dibromomethane	0.188	0.188	0.166	0.180	0.173	0.165	0.177	5.74
47) T	Bromodichlorometh	0.416	0.394	0.388	0.411	0.393	0.388	0.398	2.98
48) T	Methyl methacryla	0.205	0.195	0.153	0.180	0.182	0.175	0.182	9.65
49) T	1,4-Dioxane	0.003	0.003	0.002	0.003	0.003	0.003	0.003	7.98
50) S	Toluene-d8	1.114	1.092	1.022	1.180	1.110	1.130	1.108	4.65
51) T	4-Methyl-2-Pentan	0.229	0.213	0.184	0.215	0.221	0.201	0.210	7.53
52) CM	Toluene	0.862	0.899	0.854	0.865	0.814	0.806	0.850	4.10#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.440	0.404	0.406	0.436	0.416	0.409	0.418	3.70
54) T	cis-1,3-Dichlorop	0.509	0.493	0.494	0.516	0.488	0.475	0.496	2.99
55) T	1,1,2-Trichloroet	0.278	0.288	0.244	0.264	0.256	0.247	0.263	6.65
56) T	Ethyl methacrylat	0.355	0.344	0.310	0.363	0.349	0.329	0.342	5.60
57) T	1,3-Dichloropropa	0.441	0.442	0.410	0.433	0.413	0.395	0.422	4.50
58) T	2-Chloroethyl Vin	0.148	0.171	0.151	0.157	0.171	0.166	0.161	6.14
59) T	2-Hexanone	0.158	0.146	0.129	0.160	0.160	0.143	0.150	8.31
60) T	Dibromochlorometh	0.302	0.299	0.284	0.309	0.302	0.286	0.297	3.44
61) T	1,2-Dibromoethane	0.270	0.251	0.246	0.256	0.248	0.234	0.251	4.72
62) S	4-Bromofluorobenz	0.469	0.402	0.417	0.396	0.371	0.368	0.404	9.17
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.516	0.498	0.485	0.514	0.484	0.475	0.495	3.39
65) PM	Chlorobenzene	1.110	1.102	1.003	1.053	0.989	0.986	1.041	5.39
66) T	1,1,1,2-Tetrachlo	0.355	0.356	0.352	0.367	0.343	0.337	0.352	2.95
67) C	Ethyl Benzene	1.880	1.866	1.726	1.804	1.703	1.693	1.779	4.67#
68) T	m/p-Xylenes	0.757	0.750	0.716	0.734	0.682	0.675	0.719	4.77
69) T	o-Xylene	0.742	0.727	0.654	0.695	0.650	0.646	0.686	6.11
70) T	Styrene	1.233	1.156	1.117	1.206	1.129	1.123	1.161	4.17
71) P	Bromoform	0.215	0.195	0.183	0.223	0.217	0.206	0.207	7.29
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.755	3.769	3.542	3.633	3.484	3.462	3.607	3.71
74) T	N-amyl acetate	0.897	0.867	0.787	0.909	0.909	0.870	0.873	5.28
75) P	1,1,2,2-Tetrachlo	0.634	0.691	0.504	0.520	0.516	0.505	0.562	14.33
76) T	1,2,3-Trichloropr	0.582	0.541	0.503	0.540	0.450	0.403	0.503	13.17
77) T	Bromobenzene	0.910	0.946	0.881	0.904	0.876	0.829	0.891	4.40
78) T	n-propylbenzene	4.520	4.566	4.260	4.260	4.115	4.081	4.300	4.70
79) T	2-Chlorotoluene	2.425	2.453	2.333	2.377	2.249	2.203	2.340	4.21
80) T	1,3,5-Trimethylbe	3.183	3.143	2.953	3.016	2.880	2.829	3.001	4.72
81) T	trans-1,4-Dichlor	0.255	0.269	0.227	0.259	0.261	0.244	0.253	5.95
82) T	4-Chlorotoluene	2.533	2.539	2.423	2.438	2.371	2.324	2.438	3.52
83) T	tert-Butylbenzene	2.782	2.545	2.579	2.675	2.511	2.414	2.584	4.99
84) T	1,2,4-Trimethylbe	3.123	3.271	3.006	3.052	2.913	2.831	3.033	5.14
85) T	sec-Butylbenzene	3.882	3.940	3.653	3.722	3.554	3.510	3.710	4.67
86) T	p-Isopropyltoluen	3.419	3.478	3.285	3.362	3.188	3.092	3.304	4.39
87) T	1,3-Dichlorobenze	1.793	1.877	1.698	1.709	1.624	1.544	1.708	6.92
88) T	1,4-Dichlorobenze	1.791	1.789	1.665	1.720	1.643	1.590	1.700	4.79
89) T	n-Butylbenzene	3.303	3.174	3.116	3.204	3.037	3.005	3.140	3.52
90) T	Hexachloroethane	0.652	0.650	0.600	0.641	0.608	0.594	0.624	4.27
91) T	1,2-Dichlorobenze	1.630	1.679	1.487	1.599	1.521	1.445	1.560	5.77
92) T	1,2-Dibromo-3-Chl	0.106	0.129	0.094	0.117	0.113	0.106	0.111	10.43
93) T	1,2,4-Trichlorobe	1.109	1.118	1.070	1.123	1.062	1.013	1.082	3.91
94) T	Hexachlorobutadie	0.557	0.529	0.509	0.540	0.519	0.514	0.528	3.41
95) T	Naphthalene	2.614	2.605	2.184	2.449	2.411	2.279	2.424	7.10
96) T	1,2,3-Trichlorobe	1.039	0.958	0.935	1.017	0.959	0.916	0.971	4.92

(#) = Out of Range