

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y091119S.M
 Title : SW846 8260
 Last Update : Thu Sep 19 11:25:13 2019
 Response Via : Initial Calibration

Calibration Files

10 =VY0000003.D 5 =VY0000002.D 20 =VY0000004.D
 50 =VY0000005.D 100 =VY0000006.D 150 =VY0000007.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.388	0.489	0.381	0.333	0.346	0.315	0.375	16.58
3) P	Chloromethane	0.778	1.231	0.572	0.480	0.465		0.705	45.31
4) C	Vinyl Chloride	0.591	0.715	0.576	0.544	0.551	0.500	0.580	12.64#
5) T	Bromomethane	0.364	0.416	0.335	0.316	0.313	0.285	0.338	13.61
6) T	Chloroethane	0.394	0.457	0.377	0.358	0.369	0.338	0.382	10.78
7) T	Trichlorofluorome	0.714	0.861	0.714	0.674	0.689	0.631	0.714	10.95
8) T	Diethyl Ether	0.278	0.309	0.277	0.271	0.288	0.255	0.280	6.43
9) T	1,1,2-Trichlorotr	0.471	0.518	0.492	0.465	0.482	0.439	0.478	5.54
10) T	Methyl Iodide	0.529	0.529	0.553	0.563	0.616	0.545	0.556	5.85
11) T	Tert butyl alcoho	0.069	0.065	0.067	0.059	0.060	0.047	0.061	13.18
12) CM	1,1-Dichloroethen	0.431	0.565	0.471	0.439	0.456	0.413	0.462	11.69#
13) T	Acrolein	0.057	0.066	0.053	0.039	0.042	0.042	0.050	21.28
14) T	Allyl chloride	0.723	0.750	0.712	0.692	0.707	0.637	0.704	5.39
15) T	Acrylonitrile	0.193	0.201	0.189	0.174	0.186	0.159	0.184	8.23
16) T	Acetone	0.150	0.167	0.139	0.136	0.140	0.116	0.141	11.87
17) T	Carbon Disulfide	0.896	1.378	0.930	0.876	0.909	0.825	0.969	21.01
18) T	Methyl Acetate	0.414	0.607	0.438	0.379	0.398	0.341	0.430	21.62
19) T	Methyl tert-butyl	1.290	1.369	1.317	1.281	1.374	1.185	1.303	5.35
20) T	Methylene Chlorid	0.625	0.742	0.590	0.520	0.533	0.480	0.582	16.16
21) T	trans-1,2-Dichlor	0.495	0.557	0.522	0.473	0.493	0.451	0.498	7.49
22) T	Diisopropyl ether	1.522	1.644	1.546	1.486	1.580	1.398	1.529	5.47
23) T	Vinyl Acetate	1.034	1.099	1.050	1.007	1.080	0.952	1.037	5.12
24) P	1,1-Dichloroethan	0.937	0.999	0.913	0.869	0.937	0.841	0.916	6.11
25) T	2-Butanone	0.230	0.243	0.229	0.217	0.233	0.188	0.223	8.63
26) T	2,2-Dichloropropa	0.797	0.883	0.789	0.751	0.777	0.703	0.783	7.61
27) T	cis-1,2-Dichloroe	0.663	0.653	0.614	0.612	0.636	0.573	0.625	5.21
28) T	Bromochloromethan	0.422	0.462	0.398	0.426	0.421	0.404	0.422	5.31
29) T	Tetrahydrofuran	0.144	0.156	0.145	0.133	0.142	0.117	0.140	9.30
30) C	Chloroform	0.921	1.005	0.931	0.907	0.956	0.844	0.927	5.78#
31) T	Cyclohexane	0.794	1.133	0.772	0.694	0.717	0.646	0.793	22.08
32) T	1,1,1-Trichloroet	0.749	0.804	0.787	0.747	0.794	0.710	0.765	4.71
33) S	1,2-Dichloroethan	0.530	0.487	0.501	0.533	0.494	0.496	0.507	3.87
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.311	0.272	0.283	0.285	0.263	0.263	0.280	6.59
36) T	1,1-Dichloroprope	0.351	0.417	0.366	0.344	0.358	0.333	0.361	8.18
37) T	Ethyl Acetate	0.237	0.301	0.255	0.230	0.250	0.210	0.247	12.52
38) T	Carbon Tetrachlor	0.320	0.393	0.352	0.336	0.358	0.323	0.347	7.85
39) T	Methylcyclohexane	0.431	0.511	0.439	0.431	0.448	0.415	0.446	7.57
40) TM	Benzene	1.146	1.211	1.175	1.141	1.203	1.097	1.162	3.70
41) T	Methacrylonitrile	0.156	0.160	0.167	0.119	0.154	0.134	0.148	12.09
42) TM	1,2-Dichloroethan	0.307	0.326	0.311	0.283	0.311	0.279	0.303	6.02
43) T	Isopropyl Acetate	0.464	0.479	0.461	0.440	0.475	0.407	0.454	5.95
44) TM	Trichloroethene	0.285	0.337	0.299	0.290	0.307	0.276	0.299	7.17
45) C	1,2-Dichloropropa	0.300	0.305	0.314	0.287	0.307	0.278	0.298	4.49#
46) T	Dibromomethane	0.158	0.188	0.159	0.153	0.164	0.146	0.161	8.89
47) T	Bromodichlorometh	0.374	0.390	0.402	0.386	0.403	0.364	0.387	4.05
48) T	Methyl methacryla	0.194	0.212	0.207	0.198	0.208	0.184	0.201	5.22
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	7.57
50) S	Toluene-d8	1.157	1.121	1.055	1.248	1.130	1.137	1.141	5.49
51) T	4-Methyl-2-Pentan	0.253	0.260	0.260	0.248	0.259	0.221	0.250	6.12
52) CM	Toluene	0.737	0.768	0.723	0.718	0.748	0.695	0.732	3.49#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.397	0.412	0.402	0.411	0.427	0.388	0.406	3.29
54) T	cis-1,3-Dichlorop	0.470	0.489	0.481	0.472	0.494	0.439	0.474	4.10
55) T	1,1,2-Trichloroet	0.250	0.252	0.263	0.246	0.257	0.233	0.250	4.19
56) T	Ethyl methacrylat	0.361	0.374	0.368	0.353	0.377	0.329	0.360	4.82
57) T	1,3-Dichloropropa	0.397	0.445	0.419	0.409	0.430	0.378	0.413	5.79
58) T	2-Chloroethyl Vin	0.209	0.201	0.186	0.194	0.163	0.160	0.186	10.87
59) T	2-Hexanone	0.177	0.193	0.183	0.179	0.184	0.153	0.178	7.62
60) T	Dibromochlorometh	0.261	0.274	0.261	0.263	0.288	0.252	0.267	4.83
61) T	1,2-Dibromoethane	0.231	0.238	0.234	0.232	0.238	0.209	0.230	4.69
62) S	4-Bromofluorobenz	0.455	0.384	0.421	0.413	0.376	0.378	0.405	7.72
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.322	0.335	0.322	0.281	0.306	0.267	0.306	8.57
65) PM	Chlorobenzene	0.898	0.975	0.944	0.908	0.964	0.856	0.924	4.87
66) T	1,1,1,2-Tetrachlo	0.319	0.303	0.321	0.307	0.336	0.291	0.313	5.07
67) C	Ethyl Benzene	1.645	1.808	1.705	1.648	1.748	1.578	1.689	4.88#
68) T	m/p-Xylenes	0.625	0.695	0.638	0.625	0.669	0.597	0.641	5.47
69) T	o-Xylene	0.599	0.645	0.618	0.616	0.651	0.573	0.617	4.71
70) T	Styrene	1.008	1.113	1.074	1.066	1.153	1.031	1.074	4.95
71) P	Bromoform	0.181	0.191	0.194	0.186	0.207	0.177	0.189	5.60
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.697	3.954	3.802	3.637	3.927	3.667	3.781	3.60
74) T	N-amyl acetate	0.997	1.081	1.045	1.024	1.137	1.011	1.049	4.96
75) P	1,1,2,2-Tetrachlo	0.879	0.960	0.897	0.835	0.879	0.776	0.871	7.09
76) T	1,2,3-Trichloropr	0.648	0.547	0.596	0.603	0.602	0.545	0.590	6.59
77) T	Bromobenzene	0.796	0.858	0.810	0.771	0.834	0.767	0.806	4.41
78) T	n-propylbenzene	4.430	4.785	4.535	4.498	4.754	4.450	4.575	3.39
79) T	2-Chlorotoluene	2.537	2.535	2.598	2.485	2.623	2.453	2.538	2.55
80) T	1,3,5-Trimethylbe	3.076	3.214	3.195	3.064	3.225	2.978	3.126	3.22
81) T	trans-1,4-Dichlor	0.321	0.382	0.355	0.330	0.346	0.310	0.341	7.66
82) T	4-Chlorotoluene	2.593	2.670	2.701	2.578	2.787	2.578	2.651	3.18
83) T	tert-Butylbenzene	2.706	2.643	2.691	2.579	2.709	2.627	2.659	1.95
84) T	1,2,4-Trimethylbe	2.943	3.142	3.099	3.048	3.195	2.916	3.057	3.61
85) T	sec-Butylbenzene	3.869	4.188	4.014	3.859	4.082	3.771	3.964	3.97
86) T	p-Isopropyltoluen	3.254	3.397	3.411	3.274	3.476	3.191	3.334	3.30
87) T	1,3-Dichlorobenze	1.543	1.583	1.548	1.568	1.620	1.465	1.554	3.33
88) T	1,4-Dichlorobenze	1.522	1.604	1.589	1.541	1.668	1.481	1.567	4.24
89) T	n-Butylbenzene	3.158	3.385	3.292	3.325	3.552	3.278	3.331	3.93
90) T	Hexachloroethane	0.657	0.738	0.690	0.650	0.686	0.627	0.675	5.79
91) T	1,2-Dichlorobenze	1.427	1.543	1.515	1.414	1.517	1.368	1.464	4.80
92) T	1,2-Dibromo-3-Chl	0.166	0.200	0.156	0.155	0.158	0.139	0.162	12.54
93) T	1,2,4-Trichlorobe	0.849	0.955	0.902	0.864	0.935	0.851	0.893	5.06
94) T	Hexachlorobutadie	0.424	0.446	0.437	0.427	0.454	0.405	0.432	4.09
95) T	Naphthalene	2.360	2.517	2.528	2.423	2.553	2.262	2.441	4.66
96) T	1,2,3-Trichlorobe	0.786	0.774	0.784	0.823	0.865	0.773	0.801	4.53

(#) = Out of Range