

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\METHOD\
 Method File : 82D092220S.M
 Title : SW846 8260
 Last Update : Tue Sep 22 13:27:03 2020
 Response Via : Initial Calibration

Calibration Files

10 =VD066803.D 5 =VD066802.D 20 =VD066804.D
 50 =VD066805.D 100 =VD066806.D 150 =VD066807.D

Compound		10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.477	0.520	0.475	0.341	0.340	0.317	0.412	21.54
3) P	Chloromethane	0.512	0.544	0.492	0.414	0.406	0.389	0.459	14.05
4) C	Vinyl Chloride	0.504	0.538	0.463	0.427	0.404	0.387	0.454	12.99#
5) T	Bromomethane	0.350	0.371	0.325	0.300	0.294	0.274	0.319	11.45
6) T	Chloroethane	0.296	0.321	0.293	0.265	0.265	0.251	0.282	9.19
7) T	Trichlorofluorome	1.032	1.093	0.951	0.874	0.848	0.794	0.932	12.32
8) T	Diethyl Ether	0.237	0.249	0.228	0.243	0.239	0.225	0.237	3.86
9) T	1,1,2-Trichlorotr	0.579	0.652	0.559	0.506	0.490	0.458	0.540	13.02
10) T	Methyl Iodide	0.436	0.424	0.450	0.494	0.528	0.530	0.477	9.77
11) T	Tert butyl alcoho	0.045	0.070	0.038	0.031	0.029	0.025	0.040	41.77
12) CM	1,1-Dichloroethen	0.519	0.534	0.503	0.489	0.456	0.436	0.490	7.65#
13) T	Acrolein	0.038	0.036	0.037	0.036	0.037	0.033	0.036	5.45
14) T	Allyl chloride	0.731	0.718	0.721	0.731	0.719	0.694	0.719	1.89
15) T	Acrylonitrile	0.104	0.111	0.105	0.108	0.106	0.095	0.105	5.20
16) T	Acetone	0.098	0.123	0.097	0.110	0.103	0.091	0.104	11.10
17) T	Carbon Disulfide	1.661	1.536	1.581	1.479	1.397	1.327	1.497	8.16
18) T	Methyl Acetate	0.230	0.381	0.246	0.244	0.236	0.214	0.258	23.66
19) T	Methyl tert-butyl	1.019	1.032	1.044	1.122	1.122	1.040	1.063	4.36
20) T	Methylene Chlorid	0.764	1.010	0.638	0.584	0.550	0.505	0.675	27.64
21) T	trans-1,2-Dichlor	0.595	0.608	0.571	0.565	0.543	0.520	0.567	5.71
22) T	Diisopropyl ether	1.458	1.388	1.556	1.557	1.504	1.405	1.478	4.96
23) T	Vinyl Acetate	0.667	0.462	0.748	0.848	0.850	0.786	0.727	20.16
24) P	1,1-Dichloroethan	1.031	1.107	0.979	0.990	0.943	0.884	0.989	7.67
25) T	2-Butanone	0.119	0.135	0.126	0.130	0.126	0.112	0.125	6.51
26) T	2,2-Dichloropropa	0.979	1.058	0.902	0.871	0.836	0.793	0.906	10.73
27) T	cis-1,2-Dichloroe	0.628	0.599	0.638	0.633	0.613	0.584	0.616	3.42
28) T	Bromochloromethan	0.421	0.384	0.395	0.426	0.430	0.396	0.409	4.76
29) T	Tetrahydrofuran	0.073	0.086	0.078	0.085	0.083	0.075	0.080	6.91
30) C	Chloroform	1.107	1.206	1.077	1.047	0.999	0.960	1.066	8.16#
31) T	Cyclohexane	0.967	1.065	0.909	0.842	0.801	0.754	0.890	12.88
32) T	1,1,1-Trichloroet	0.994	1.076	0.974	0.957	0.915	0.871	0.964	7.27
33) S	1,2-Dichloroethan	0.500	0.576	0.480	0.474	0.475	0.432	0.489	9.76
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.333	0.352	0.311	0.317	0.305	0.290	0.318	6.85
36) T	1,1-Dichloroprope	0.511	0.520	0.505	0.500	0.479	0.462	0.496	4.37
37) T	Ethyl Acetate	0.169	0.186	0.166	0.196	0.188	0.172	0.179	6.74
38) T	Carbon Tetrachlor	0.579	0.590	0.538	0.537	0.512	0.498	0.542	6.70
39) T	Methylcyclohexane	0.578	0.543	0.575	0.592	0.572	0.556	0.570	3.08
40) TM	Benzene	1.436	1.423	1.401	1.411	1.323	1.302	1.382	4.05
41) T	Methacrylonitrile	0.069	0.096	0.135	0.114	0.115	0.106	0.106	21.00
42) TM	1,2-Dichloroethan	0.415	0.445	0.416	0.409	0.394	0.373	0.409	5.84
43) T	Isopropyl Acetate	0.325	0.357	0.334	0.365	0.358	0.335	0.346	4.72
44) TM	Trichloroethene	0.415	0.420	0.390	0.391	0.379	0.370	0.394	5.03
45) C	1,2-Dichloropropa	0.363	0.366	0.345	0.356	0.336	0.321	0.348	4.96#
46) T	Dibromomethane	0.189	0.185	0.191	0.199	0.189	0.180	0.189	3.32
47) T	Bromodichlorometh	0.528	0.529	0.513	0.513	0.490	0.474	0.508	4.29
48) T	Methyl methacryla	0.146	0.172	0.159	0.178	0.190	0.178	0.170	9.19
49) T	1,4-Dioxane	0.003	0.003	0.002	0.002	0.002	0.002	0.002	16.59
50) S	Toluene-d8	1.109	1.112	1.034	1.118	1.089	1.040	1.084	3.47
51) T	4-Methyl-2-Pentan	0.163	0.179	0.166	0.191	0.185	0.167	0.175	6.51
52) CM	Toluene	0.899	0.878	0.903	0.920	0.887	0.856	0.890	2.51#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53)	T t-1,3-Dichloropro	0.413	0.408	0.423	0.462	0.451	0.435	0.432	4.92
54)	T cis-1,3-Dichlorop	0.514	0.512	0.520	0.554	0.536	0.526	0.527	2.99
55)	T 1,1,2-Trichloroet	0.261	0.283	0.262	0.261	0.252	0.240	0.260	5.53
56)	T Ethyl methacrylat	0.239	0.253	0.264	0.309	0.311	0.293	0.278	10.86
57)	T 1,3-Dichloropropa	0.439	0.429	0.433	0.441	0.427	0.404	0.429	3.10
58)	T 2-Chloroethyl Vin	0.134	0.126	0.146	0.130	0.133	0.122	0.132	6.15
59)	T 2-Hexanone	0.110	0.111	0.114	0.132	0.128	0.114	0.118	7.92
60)	T Dibromochlorometh	0.333	0.368	0.333	0.345	0.338	0.319	0.339	4.82
61)	T 1,2-Dibromoethane	0.240	0.242	0.235	0.251	0.247	0.235	0.242	2.68
62)	S 4-Bromofluorobenz	0.362	0.395	0.364	0.368	0.379	0.358	0.371	3.66
63)	I Chlorobenzene-d5	-----ISTD-----							
64)	T Tetrachloroethene	0.370	0.409	0.369	0.350	0.335	0.325	0.360	8.41
65)	PM Chlorobenzene	1.076	1.109	1.043	1.032	1.009	0.976	1.041	4.53
66)	T 1,1,1,2-Tetrachlo	0.399	0.411	0.394	0.397	0.384	0.378	0.394	2.97
67)	C Ethyl Benzene	1.803	1.773	1.839	1.899	1.847	1.807	1.828	2.40#
68)	T m/p-Xylenes	0.688	0.656	0.704	0.719	0.700	0.685	0.692	3.07
69)	T o-Xylene	0.606	0.585	0.626	0.657	0.644	0.636	0.626	4.21
70)	T Styrene	1.044	1.020	1.092	1.156	1.121	1.087	1.087	4.55
71)	P Bromoform	0.206	0.206	0.192	0.205	0.200	0.187	0.199	4.05
72)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
73)	T Isopropylbenzene	3.590	3.367	3.593	3.849	3.641	3.633	3.612	4.26
74)	T N-amyl acetate	0.644	0.671	0.667	0.778	0.762	0.711	0.705	7.74
75)	P 1,1,2,2-Tetrachlo	0.645	0.660	0.615	0.643	0.611	0.566	0.623	5.43
76)	T 1,2,3-Trichloropr	0.410	0.512	0.379	0.422	0.396	0.367	0.414	12.50
77)	T Bromobenzene	0.846	0.857	0.848	0.880	0.825	0.811	0.845	2.87
78)	T n-propylbenzene	4.443	4.177	4.337	4.585	4.303	4.227	4.345	3.43
79)	T 2-Chlorotoluene	2.536	2.481	2.487	2.530	2.455	2.369	2.476	2.46
80)	T 1,3,5-Trimethylbe	3.131	2.812	3.124	3.218	3.081	3.022	3.065	4.55
81)	T trans-1,4-Dichlor	0.152	0.148	0.149	0.184	0.181	0.180	0.166	10.54
82)	T 4-Chlorotoluene	2.735	2.559	2.654	2.696	2.530	2.488	2.610	3.80
83)	T tert-Butylbenzene	2.460	2.378	2.462	2.658	2.582	2.571	2.518	4.08
84)	T 1,2,4-Trimethylbe	3.004	2.838	3.105	3.197	3.068	3.022	3.039	3.95
85)	T sec-Butylbenzene	3.711	3.457	3.641	3.786	3.594	3.542	3.622	3.26
86)	T p-Isopropyltoluen	3.199	2.984	3.294	3.462	3.334	3.313	3.264	4.94
87)	T 1,3-Dichlorobenze	1.737	1.796	1.652	1.691	1.568	1.569	1.669	5.47
88)	T 1,4-Dichlorobenze	1.742	1.902	1.590	1.648	1.548	1.516	1.658	8.67
89)	T n-Butylbenzene	3.014	3.038	3.093	3.267	3.153	3.051	3.103	3.04
90)	T Hexachloroethane	0.686	0.688	0.644	0.663	0.649	0.646	0.663	3.01
91)	T 1,2-Dichlorobenze	1.495	1.509	1.390	1.439	1.393	1.341	1.428	4.60
92)	T 1,2-Dibromo-3-Chl	0.102	0.112	0.089	0.103	0.101	0.094	0.100	8.11
93)	T 1,2,4-Trichlorobe	0.864	0.860	0.876	0.929	0.938	0.927	0.899	4.03
94)	T Hexachlorobutadie	0.548	0.578	0.513	0.551	0.522	0.521	0.539	4.57
95)	T Naphthalene	1.244	1.346	1.396	1.732	1.746	1.692	1.526	14.57
96)	T 1,2,3-Trichlorobe	0.740	0.737	0.758	0.830	0.795	0.796	0.776	4.78

(#) = Out of Range