

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D092519S.M
 Title : SW846 8260
 Last Update : Thu Sep 26 12:03:05 2019
 Response Via : Initial Calibration

Calibration Files

10 =VD063827.D 5 =VD063826.D 20 =VD063828.D
 50 =VD063829.D 100 =VD063831.D 75 =VD063830.D

	Compound	10	5	20	50	100	75	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.366	0.364	0.363	0.278	0.367	0.319	0.343	10.74
3) P	Chloromethane	1.305	1.251	1.184	0.908	0.801	0.786	1.039	22.53
4) C	Vinyl Chloride	1.210	1.200	1.182	0.985	0.913	0.873	1.061	14.56#
5) T	Bromomethane	0.650	0.708	0.631	0.593	0.605	0.536	0.620	9.31
6) T	Chloroethane	0.867	0.995	0.730	0.645	0.599	0.546	0.730	23.49
7) T	Trichlorofluorome	1.609	1.625	1.544	1.340	1.271	1.165	1.426	13.55
8) T	Diethyl Ether	0.253	0.293	0.245	0.200	0.209	0.195	0.232	16.42
9) T	1,1,2-Trichlorotr	0.486	0.467	0.440	0.395	0.391	0.359	0.423	11.58
10) T	Methyl Iodide	0.450	0.468	0.505	0.522	0.581	0.505	0.505	9.08
11) T	Tert butyl alcoho	0.043	0.048	0.036	0.031	0.033	0.030	0.037	19.51
12) CM	1,1-Dichloroethen	0.469	0.498	0.442	0.392	0.397	0.364	0.427	12.01#
13) T	Acrolein	0.044	0.050	0.043	0.043	0.045	0.042	0.045	6.43
14) T	Allyl chloride	0.727	0.804	0.714	0.623	0.611	0.570	0.675	13.09
15) T	Acrylonitrile	0.104	0.116	0.105	0.097	0.101	0.093	0.103	7.98
16) T	Acetone	0.113	0.133	0.108	0.098	0.094	0.088	0.106	15.47
17) T	Carbon Disulfide	1.537	1.547	1.535	1.376	1.403	1.262	1.443	8.02
18) T	Methyl Acetate	0.267	0.345	0.285	0.226	0.229	0.210	0.260	19.21
19) T	Methyl tert-butyl	1.137	1.164	1.103	1.015	1.036	0.959	1.069	7.35
20) T	Methylene Chlorid	0.727	0.951	0.645	0.515	0.508	0.469	0.636	28.72
21) T	trans-1,2-Dichlor	0.530	0.558	0.507	0.470	0.481	0.434	0.497	8.93
22) T	Diisopropyl ether	1.484	1.642	1.444	1.354	1.252	1.187	1.394	11.87
23) T	Vinyl Acetate	0.899	0.909	0.857	0.791	0.772	0.719	0.824	9.20
24) P	1,1-Dichloroethan	0.885	0.951	0.895	0.819	0.785	0.746	0.847	9.05
25) T	2-Butanone	0.152	0.165	0.141	0.128	0.127	0.117	0.138	13.03
26) T	2,2-Dichloropropa	0.841	0.942	0.816	0.762	0.727	0.663	0.792	12.26
27) T	cis-1,2-Dichloroe	0.581	0.608	0.570	0.553	0.537	0.497	0.558	6.87
28) T	Bromochloromethan	0.308	0.374	0.312	0.355	0.325	0.320	0.332	7.87
29) T	Tetrahydrofuran	0.089	0.095	0.088	0.078	0.076	0.070	0.083	11.23
30) C	Chloroform	0.979	1.030	0.961	0.883	0.856	0.810	0.920	9.08#
31) T	Cyclohexane	0.980	1.062	0.873	0.784	0.708	0.664	0.845	18.42
32) T	1,1,1-Trichloroet	0.875	0.922	0.888	0.782	0.803	0.720	0.832	9.15
33) S	1,2-Dichloroethan	0.475	0.481	0.479	0.465	0.471	0.453	0.471	2.20
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.349	0.307	0.328	0.318	0.308	0.294	0.317	6.04
36) T	1,1-Dichloroprope	0.507	0.499	0.472	0.453	0.421	0.384	0.456	10.39
37) T	Ethyl Acetate	0.216	0.234	0.193	0.174	0.171	0.155	0.190	15.70
38) T	Carbon Tetrachlor	0.496	0.526	0.470	0.480	0.462	0.414	0.475	7.90
39) T	Methylcyclohexane	0.604	0.638	0.578	0.574	0.539	0.474	0.568	9.99
40) TM	Benzene	1.348	1.350	1.284	1.269	1.198	1.087	1.256	7.98
41) T	Methacrylonitrile	0.133	0.145	0.102	0.104	0.101	0.091	0.112	18.80
42) TM	1,2-Dichloroethan	0.387	0.409	0.378	0.366	0.349	0.315	0.367	8.85
43) T	Isopropyl Acetate	0.415	0.439	0.400	0.365	0.354	0.318	0.382	11.58
44) TM	Trichloroethene	0.388	0.389	0.369	0.367	0.351	0.318	0.364	7.33
45) C	1,2-Dichloropropa	0.324	0.350	0.318	0.307	0.295	0.267	0.310	9.05#
46) T	Dibromomethane	0.173	0.197	0.178	0.177	0.170	0.157	0.175	7.58
47) T	Bromodichlorometh	0.470	0.470	0.464	0.456	0.446	0.402	0.451	5.73
48) T	Methyl methacryla	0.196	0.185	0.187	0.166	0.161	0.147	0.174	10.63
49) T	1,4-Dioxane	0.003	0.003	0.003	0.002	0.002	0.002	0.002	9.76
50) S	Toluene-d8	1.184	1.180	1.144	1.248	1.237	1.176	1.195	3.34
51) T	4-Methyl-2-Pentan	0.211	0.219	0.198	0.183	0.181	0.161	0.192	11.08
52) CM	Toluene	0.887	0.933	0.848	0.864	0.837	0.741	0.852	7.53#

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	Compound	10	5	20	50	100	75	Avq	%RSD
53) T	t-1,3-Dichloropro	0.459	0.457	0.455	0.458	0.450	0.404	0.447	4.77
54) T	cis-1,3-Dichlorop	0.529	0.511	0.530	0.520	0.503	0.455	0.508	5.50
55) T	1,1,2-Trichloroet	0.256	0.268	0.257	0.252	0.241	0.211	0.247	8.12
56) T	Ethyl methacrylat	0.311	0.345	0.317	0.315	0.323	0.276	0.315	7.16
57) T	1,3-Dichloropropa	0.459	0.444	0.429	0.416	0.405	0.369	0.420	7.57
58) T	2-Chloroethyl Vin	0.151	0.144	0.150	0.137	0.132	0.129	0.141	6.53
59) T	2-Hexanone	0.148	0.155	0.142	0.130	0.130	0.118	0.137	9.99
60) T	Dibromochlorometh	0.340	0.328	0.329	0.330	0.338	0.293	0.327	5.27
61) T	1,2-Dibromoethane	0.255	0.263	0.248	0.250	0.248	0.220	0.247	6.01
62) S	4-Bromofluorobenz	0.444	0.397	0.463	0.432	0.428	0.410	0.429	5.47
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.337	0.375	0.344	0.340	0.328	0.297	0.337	7.46
65) PM	Chlorobenzene	1.058	1.070	1.031	1.023	0.961	0.891	1.006	6.75
66) T	1,1,1,2-Tetrachlo	0.359	0.400	0.378	0.375	0.371	0.336	0.370	5.76
67) C	Ethyl Benzene	1.920	1.910	1.866	1.862	1.753	1.590	1.817	6.92#
68) T	m/p-Xylenes	0.723	0.745	0.714	0.711	0.674	0.618	0.698	6.50
69) T	o-Xylene	0.662	0.698	0.684	0.680	0.640	0.587	0.658	6.16
70) T	Stvrene	1.124	1.112	1.148	1.171	1.121	1.009	1.114	5.00
71) P	Bromoform	0.207	0.189	0.205	0.218	0.212	0.201	0.205	4.87
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.642	3.729	3.563	3.403	3.269	2.885	3.415	9.02
74) T	N-amyl acetate	0.838	0.836	0.812	0.703	0.689	0.608	0.748	12.70
75) P	1,1,2,2-Tetrachlo	0.600	0.632	0.619	0.560	0.528	0.477	0.569	10.45
76) T	1,2,3-Trichloropr	0.420	0.430	0.409	0.348	0.345	0.323	0.379	12.05
77) T	Bromobenzene	0.843	0.875	0.844	0.825	0.818	0.720	0.821	6.51
78) T	n-propylbenzene	4.376	4.311	4.271	3.988	3.796	3.366	4.018	9.66
79) T	2-Chlorotoluene	2.306	2.276	2.288	2.198	2.070	1.865	2.167	7.91
80) T	1,3,5-Trimethylbe	3.089	2.950	2.971	2.880	2.742	2.450	2.847	7.92
81) T	trans-1,4-Dichlor	0.190	0.218	0.207	0.182	0.184	0.158	0.190	11.04
82) T	4-Chlorotoluene	2.493	2.558	2.467	2.293	2.140	1.921	2.312	10.60
83) T	tert-Butylbenzene	2.644	2.667	2.582	2.483	2.425	2.125	2.488	8.06
84) T	1,2,4-Trimethylbe	3.066	3.084	2.967	2.930	2.785	2.509	2.890	7.45
85) T	sec-Butylbenzene	3.712	3.747	3.576	3.459	3.317	2.957	3.461	8.50
86) T	p-Isopropyltoluen	3.351	3.414	3.348	3.323	3.238	2.832	3.251	6.56
87) T	1,3-Dichlorobenze	1.664	1.653	1.660	1.639	1.629	1.425	1.611	5.73
88) T	1,4-Dichlorobenze	1.671	1.744	1.677	1.573	1.568	1.384	1.603	7.90
89) T	n-Butylbenzene	3.321	3.367	3.253	3.120	2.906	2.597	3.094	9.52
90) T	Hexachloroethane	0.605	0.640	0.620	0.613	0.600	0.535	0.602	5.94
91) T	1,2-Dichlorobenze	1.447	1.368	1.478	1.401	1.382	1.218	1.382	6.53
92) T	1,2-Dibromo-3-Chl	0.109	0.103	0.106	0.086	0.091	0.081	0.096	11.79
93) T	1,2,4-Trichlorobe	1.058	1.111	1.021	1.083	1.075	0.949	1.050	5.47
94) T	Hexachlorobutadie	0.622	0.590	0.599	0.610	0.604	0.544	0.595	4.58
95) T	Naphthalene	1.941	1.981	1.958	1.877	1.878	1.674	1.885	5.93
96) T	1,2,3-Trichlorobe	0.940	1.003	0.936	0.946	0.930	0.830	0.931	6.03

(#) = Out of Range