

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
 Method File : 82X012220W.M
 Title : SW846 8260
 Last Update : Wed Jan 22 12:33:32 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX014680.D 5 =VX014681.D 20 =VX014682.D
 50 =VX014683.D 100 =VX014684.D 150 =VX014685.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.412	0.464	0.677	0.694	0.661	0.680	0.598	20.95
3) P	Chloromethane	0.641	0.641	0.700	0.702	0.675	0.700	0.676	4.34
4) C	Vinyl Chloride	0.602	0.655	0.779	0.801	0.772	0.779	0.731	11.20#
5) T	Bromomethane		0.503	0.438	0.494	0.509	0.540	0.497	7.42
6) T	Chloroethane	0.601	0.442	0.437	0.449	0.405	0.411	0.458	15.86
7) T	Trichlorofluorome	0.898	0.866	0.847	0.855	0.808	0.836	0.852	3.54
8) T	Diethyl Ether	0.381	0.393	0.366	0.367	0.357	0.367	0.372	3.42
9) T	1,1,2-Trichlorotr	0.487	0.528	0.503	0.503	0.479	0.499	0.500	3.36
10) T	Methyl Iodide		0.535	0.639	0.728	0.688	0.690	0.656	11.35
11) T	Tert butyl alcoho		0.138	0.133	0.115	0.141	0.129	0.131	7.77
12) CM	1,1-Dichloroethen	0.507	0.506	0.484	0.500	0.482	0.503	0.497	2.29#
13) T	Acrolein		0.105	0.102	0.101	0.103	0.106	0.103	1.71
14) T	Allyl chloride	0.786	0.900	0.883	0.931	0.928	0.933	0.893	6.29
15) T	Acrylonitrile	0.276	0.310	0.308	0.302	0.313	0.311	0.303	4.58
16) T	Acetone	0.467	0.339	0.330	0.320	0.307	0.326	0.348	17.02
17) T	Carbon Disulfide	1.336	1.305	1.315	1.396	1.373	1.426	1.358	3.52
18) T	Methyl Acetate	0.870	0.878	0.924	0.918	0.936	0.954	0.913	3.63
19) T	Methyl tert-butyl	1.601	1.615	1.591	1.667	1.629	1.666	1.628	1.98
20) T	Methylene Chlorid	0.674	0.641	0.555	0.574	0.551	0.558	0.592	8.83
21) T	trans-1,2-Dichlor	0.629	0.530	0.520	0.541	0.522	0.541	0.547	7.48
22) T	Diisopropyl ether	1.621	1.793	1.782	1.871	1.788	1.811	1.777	4.68
23) T	Vinyl Acetate	1.230	1.393	1.362	1.389	1.383	1.373	1.355	4.60
24) P	1,1-Dichloroethan	0.903	0.990	0.972	0.992	0.958	0.977	0.965	3.43
25) T	2-Butanone	0.438	0.461	0.463	0.455	0.465	0.468	0.458	2.34
26) T	2,2-Dichloropropa	0.797	0.739	0.750	0.791	0.768	0.791	0.773	3.15
27) T	cis-1,2-Dichloroe	0.654	0.602	0.591	0.615	0.601	0.613	0.613	3.59
28) T	Bromochloromethan	0.543	0.427	0.384	0.402	0.394	0.396	0.424	14.15
29) T	Tetrahydrofuran	0.241	0.275	0.277	0.275	0.284	0.281	0.272	5.77
30) C	Chloroform	0.971	1.011	0.932	0.968	0.921	0.935	0.956	3.51#
31) T	Cyclohexane		0.854	0.899	0.945	0.903	0.939	0.908	4.04
32) T	1,1,1-Trichloroet	0.838	0.811	0.775	0.810	0.795	0.821	0.808	2.70
33) S	1,2-Dichloroethan		0.623	0.554	0.576	0.562	0.604	0.584	5.00

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.335	0.305	0.314	0.301	0.323	0.315	4.41
36) T	1,1-Dichloroprope	0.418	0.455	0.475	0.490	0.469	0.480	0.465	5.51
37) T	Ethyl Acetate	0.465	0.537	0.554	0.539	0.547	0.551	0.532	6.26
38) T	Carbon Tetrachlor	0.435	0.412	0.448	0.460	0.445	0.462	0.444	4.11
39) T	Methylcyclohexane	0.514	0.560	0.592	0.618	0.593	0.616	0.582	6.81
40) TM	Benzene	1.345	1.462	1.470	1.487	1.420	1.431	1.436	3.55
41) T	Methacrylonitrile	0.414	0.277	0.311	0.306	0.303	0.302	0.319	15.14
42) TM	1,2-Dichloroethan	0.472	0.509	0.508	0.509	0.485	0.492	0.496	3.13
43) T	Isopropyl Acetate	0.821	0.839	0.876	0.890	0.897	0.906	0.871	3.93
44) TM	Trichloroethene	0.421	0.420	0.396	0.411	0.390	0.395	0.405	3.41
45) C	1,2-Dichloropropa	0.338	0.367	0.383	0.383	0.371	0.376	0.370	4.57#
46) T	Dibromomethane	0.214	0.254	0.239	0.249	0.238	0.242	0.240	5.77
47) T	Bromodichlorometh	0.423	0.462	0.466	0.493	0.480	0.494	0.470	5.66
48) T	Methyl methacryla	0.314	0.405	0.426	0.447	0.450	0.455	0.416	12.82
49) T	1,4-Dioxane	0.008	0.009	0.009	0.008	0.010	0.008	0.009	8.58
50) S	Toluene-d8		1.243	1.186	1.212	1.171	1.252	1.213	2.88
51) T	4-Methyl-2-Pentan	0.468	0.543	0.577	0.558	0.580	0.573	0.550	7.72
52) CM	Toluene	0.773	0.886	0.909	0.930	0.894	0.904	0.882	6.33#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53)	T t-1,3-Dichloropro	0.405	0.452	0.503	0.545	0.555	0.576	0.506	13.12
54)	T cis-1,3-Dichlorop	0.431	0.506	0.564	0.609	0.604	0.624	0.556	13.42
55)	T 1,1,2-Trichloroet	0.328	0.363	0.367	0.377	0.362	0.371	0.361	4.81
56)	T Ethyl methacrylat	0.379	0.485	0.554	0.595	0.616	0.633	0.544	17.72
57)	T 1,3-Dichloropropa	0.578	0.618	0.635	0.634	0.616	0.624	0.618	3.39
58)	T 2-Chloroethyl Vin	0.136	0.167	0.182	0.201	0.200	0.204	0.182	14.50
59)	T 2-Hexanone	0.340	0.413	0.450	0.441	0.462	0.455	0.427	10.73
60)	T Dibromochlorometh	0.349	0.345	0.371	0.395	0.395	0.407	0.377	6.88
61)	T 1,2-Dibromoethane	0.349	0.389	0.388	0.392	0.386	0.389	0.382	4.26
62)	S 4-Bromofluorobenz		0.423	0.406	0.426	0.431	0.475	0.432	5.93
63)	I Chlorobenzene-d5	-----ISTD-----							
64)	T Tetrachloroethene	0.496	0.507	0.489	0.526	0.469	0.483	0.495	3.99
65)	PM Chlorobenzene	1.056	1.097	1.063	1.091	1.045	1.064	1.069	1.91
66)	T 1,1,1,2-Tetrachlo	0.393	0.389	0.392	0.400	0.392	0.400	0.394	1.17
67)	C Ethyl Benzene	1.628	1.812	1.855	1.940	1.853	1.869	1.826	5.79#
68)	T m/p-Xylenes	0.568	0.679	0.716	0.745	0.712	0.731	0.692	9.35
69)	T o-Xylene	0.572	0.657	0.675	0.709	0.693	0.702	0.668	7.63
70)	T Styrene	0.832	1.051	1.148	1.236	1.213	1.242	1.120	14.16
71)	P Bromoform	0.263	0.283	0.304	0.329	0.341	0.360	0.314	11.70
72)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
73)	T Isopropylbenzene	2.979	3.713	3.669	3.723	3.523	3.488	3.516	7.99
74)	T N-amyl acetate	1.113	1.464	1.592	1.653	1.703	1.719	1.541	14.86
75)	P 1,1,2,2-Tetrachlo	1.404	1.302	1.236	1.201	1.196	1.193	1.255	6.66
76)	T 1,2,3-Trichloropr	1.190	1.111	1.199	1.191	1.166	1.124	1.163	3.22
77)	T Bromobenzene	0.876	1.004	0.965	0.957	0.929	0.935	0.944	4.51
78)	T n-propylbenzene	3.360	4.035	4.173	4.279	4.051	4.045	3.991	8.10
79)	T 2-Chlorotoluene	2.204	2.522	2.498	2.506	2.392	2.366	2.415	5.04
80)	T 1,3,5-Trimethylbe	2.375	2.905	3.067	3.147	2.995	3.018	2.918	9.52
81)	T trans-1,4-Dichlor		0.327	0.390	0.423	0.446	0.459	0.409	12.87
82)	T 4-Chlorotoluene	2.378	2.792	2.813	2.894	2.789	2.826	2.749	6.75
83)	T tert-Butylbenzene	2.230	2.874	2.872	2.815	2.826	2.835	2.742	9.19
84)	T 1,2,4-Trimethylbe	2.291	3.002	3.092	3.127	3.021	3.028	2.927	10.77
85)	T sec-Butylbenzene	2.709	3.394	3.493	3.624	3.439	3.495	3.359	9.75
86)	T p-Isopropyltoluen	2.484	3.081	3.242	3.337	3.216	3.266	3.104	10.16
87)	T 1,3-Dichlorobenze	1.712	1.770	1.644	1.711	1.668	1.680	1.697	2.59
88)	T 1,4-Dichlorobenze	1.698	1.773	1.701	1.701	1.665	1.664	1.700	2.32
89)	T n-Butylbenzene	2.256	2.460	2.694	2.901	2.898	3.012	2.704	10.87
90)	T Hexachloroethane	0.562	0.552	0.557	0.581	0.596	0.611	0.577	4.11
91)	T 1,2-Dichlorobenze	1.660	1.712	1.710	1.717	1.644	1.673	1.686	1.84
92)	T 1,2-Dibromo-3-Chl	0.263	0.278	0.273	0.262	0.271	0.270	0.270	2.22
93)	T 1,2,4-Trichlorobe	0.937	0.996	1.063	1.153	1.173	1.199	1.087	9.71
94)	T Hexachlorobutadie	0.549	0.563	0.552	0.578	0.553	0.561	0.559	1.87
95)	T Naphthalene	2.187	2.680	3.276	3.506	3.579	3.533	3.127	18.20
96)	T 1,2,3-Trichlorobe	0.945	1.047	1.097	1.182	1.144	1.178	1.099	8.32

(#) = Out of Range