

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
 Method File : 82X030420W.M
 Title : SW846 8260
 Last Update : Wed Mar 04 14:19:10 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX015079.D 5 =VX015080.D 20 =VX015081.D
 50 =VX015082.D 100 =VX015083.D 150 =VX015084.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.486	0.431	0.421	0.424	0.430	0.434	0.438	5.53
3) P	Chloromethane	0.695	0.661	0.606	0.579	0.585	0.596	0.620	7.55
4) C	Vinyl Chloride	0.732	0.619	0.614	0.603	0.605	0.601	0.629	8.12#
5) T	Bromomethane		0.422	0.373	0.368	0.388	0.382	0.387	5.46
6) T	Chloroethane	0.417	0.385	0.376	0.366	0.364	0.356	0.377	5.81
7) T	Trichlorofluorome	0.797	0.771	0.737	0.730	0.737	0.718	0.748	3.96
8) T	Diethyl Ether	0.359	0.346	0.330	0.335	0.335	0.328	0.339	3.45
9) T	1,1,2-Trichlorotr	0.514	0.499	0.444	0.462	0.462	0.443	0.471	6.20
10) T	Methyl Iodide		0.416	0.507	0.574	0.592	0.571	0.532	13.64
11) T	Tert butyl alcoho		0.107	0.097	0.100	0.101	0.110	0.103	5.28
12) CM	1,1-Dichloroethen	0.549	0.494	0.461	0.466	0.479	0.467	0.486	6.76#
13) T	Acrolein		0.111	0.089	0.093	0.095	0.095	0.097	8.65
14) T	Allyl chloride	0.869	0.835	0.811	0.837	0.864	0.867	0.847	2.74
15) T	Acrylonitrile	0.244	0.261	0.251	0.257	0.259	0.266	0.256	3.05
16) T	Acetone	0.281	0.238	0.242	0.235	0.224	0.223	0.240	8.87
17) T	Carbon Disulfide	1.437	1.319	1.299	1.312	1.350	1.379	1.349	3.84
18) T	Methyl Acetate	0.711	0.590	0.547	0.555	0.556	0.566	0.587	10.59
19) T	Methyl tert-butyl	1.434	1.516	1.504	1.529	1.555	1.572	1.518	3.18
20) T	Methylene Chlorid	0.683	0.595	0.520	0.520	0.525	0.530	0.562	11.68
21) T	trans-1,2-Dichlor	0.542	0.538	0.496	0.505	0.514	0.519	0.519	3.52
22) T	Diisopropyl ether	1.563	1.751	1.677	1.708	1.714	1.714	1.688	3.89
23) T	Vinyl Acetate	1.156	1.353	1.397	1.453	1.483	1.483	1.388	8.97
24) P	1,1-Dichloroethan	0.920	0.994	0.919	0.919	0.931	0.937	0.937	3.12
25) T	2-Butanone	0.320	0.348	0.360	0.362	0.356	0.364	0.352	4.65
26) T	2,2-Dichloropropa	0.771	0.744	0.718	0.733	0.743	0.753	0.744	2.40
27) T	cis-1,2-Dichloroe	0.602	0.576	0.561	0.578	0.583	0.593	0.582	2.40
28) T	Bromochloromethan	0.361	0.447	0.466	0.430	0.429	0.427	0.427	8.25
29) T	Tetrahydrofuran	0.232	0.217	0.223	0.227	0.229	0.231	0.227	2.58
30) C	Chloroform	0.917	0.990	0.883	0.895	0.899	0.896	0.913	4.28#
31) T	Cyclohexane		0.840	0.801	0.832	0.853	0.853	0.836	2.57
32) T	1,1,1-Trichloroet	0.706	0.771	0.741	0.757	0.775	0.790	0.757	3.96
33) S	1,2-Dichloroethan		0.637	0.581	0.574	0.579	0.595	0.593	4.31
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.327	0.309	0.308	0.315	0.318	0.315	2.43
36) T	1,1-Dichloroprope	0.496	0.459	0.446	0.451	0.461	0.461	0.462	3.79
37) T	Ethyl Acetate	0.318	0.418	0.447	0.459	0.464	0.466	0.429	13.28
38) T	Carbon Tetrachlor	0.468	0.415	0.420	0.432	0.439	0.444	0.436	4.38
39) T	Methylcyclohexane	0.507	0.534	0.531	0.545	0.559	0.562	0.540	3.78
40) TM	Benzene	1.359	1.428	1.362	1.368	1.355	1.357	1.371	2.04
41) T	Methacrylonitrile	0.266	0.250	0.250	0.257	0.261	0.262	0.258	2.49
42) TM	1,2-Dichloroethan	0.448	0.495	0.476	0.470	0.469	0.467	0.471	3.21
43) T	Isopropyl Acetate	0.720	0.724	0.737	0.768	0.780	0.797	0.754	4.22
44) TM	Trichloroethene	0.396	0.393	0.368	0.377	0.381	0.378	0.382	2.75
45) C	1,2-Dichloropropa	0.338	0.377	0.350	0.355	0.356	0.355	0.355	3.53#
46) T	Dibromomethane	0.242	0.236	0.221	0.227	0.229	0.232	0.231	3.08
47) T	Bromodichlorometh	0.455	0.441	0.438	0.461	0.472	0.478	0.457	3.55
48) T	Methyl methacryla	0.408	0.357	0.364	0.383	0.392	0.399	0.384	5.21
49) T	1,4-Dioxane	0.009	0.008	0.008	0.008	0.008	0.008	0.008	5.53
50) S	Toluene-d8		1.195	1.187	1.197	1.204	1.216	1.200	0.90
51) T	4-Methyl-2-Pentan	0.375	0.439	0.450	0.464	0.461	0.485	0.446	8.51
52) CM	Toluene	0.760	0.868	0.837	0.856	0.855	0.855	0.839	4.76#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.403	0.443	0.484	0.513	0.535	0.544	0.487	11.31
54) T	cis-1,3-Dichlorop	0.510	0.508	0.540	0.566	0.588	0.591	0.550	6.74
55) T	1,1,2-Trichloroet	0.346	0.358	0.340	0.345	0.339	0.343	0.345	1.97
56) T	Ethyl methacrylat	0.375	0.444	0.502	0.525	0.541	0.567	0.492	14.42
57) T	1,3-Dichloropropa	0.564	0.598	0.579	0.581	0.581	0.582	0.581	1.88
58) T	2-Chloroethyl Vin	0.244	0.255	0.262	0.275	0.285	0.286	0.268	6.33
59) T	2-Hexanone	0.251	0.322	0.342	0.352	0.346	0.370	0.331	12.75
60) T	Dibromochlorometh	0.363	0.327	0.353	0.368	0.378	0.386	0.363	5.80
61) T	1,2-Dibromoethane	0.368	0.383	0.351	0.357	0.355	0.361	0.363	3.23
62) S	4-Bromofluorobenz		0.408	0.421	0.421	0.427	0.463	0.428	4.80
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.445	0.427	0.413	0.404	0.401	0.391	0.413	4.74
65) PM	Chlorobenzene	0.999	1.046	0.981	0.987	0.995	1.015	1.004	2.39
66) T	1,1,1,2-Tetrachlo	0.405	0.378	0.363	0.370	0.377	0.378	0.379	3.74
67) C	Ethyl Benzene	1.529	1.687	1.700	1.735	1.792	1.784	1.705	5.63#
68) T	m/p-Xylenes	0.543	0.649	0.656	0.665	0.681	0.697	0.649	8.43
69) T	o-Xylene	0.571	0.595	0.610	0.635	0.645	0.670	0.621	5.75
70) T	Styrene	0.928	0.995	1.057	1.102	1.131	1.175	1.065	8.57
71) P	Bromoform	0.258	0.275	0.278	0.300	0.314	0.336	0.294	9.79
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.868	3.223	3.248	3.314	3.316	3.195	3.194	5.22
74) T	N-amyl acetate	1.221	1.188	1.317	1.402	1.446	1.501	1.346	9.32
75) P	1,1,2,2-Tetrachlo	1.093	1.135	1.045	1.030	1.026	1.057	1.064	3.94
76) T	1,2,3-Trichloropr	0.988	1.045	0.991	0.995	0.986	0.979	0.997	2.38
77) T	Bromobenzene	0.968	0.923	0.860	0.856	0.863	0.872	0.890	5.10
78) T	n-propylbenzene	3.101	3.696	3.733	3.796	3.814	3.755	3.649	7.45
79) T	2-Chlorotoluene	2.006	2.314	2.215	2.179	2.183	2.178	2.179	4.57
80) T	1,3,5-Trimethylbe	2.304	2.613	2.729	2.741	2.776	2.791	2.659	6.96
81) T	trans-1,4-Dichlor		0.302	0.331	0.357	0.374	0.392	0.351	10.12
82) T	4-Chlorotoluene	2.490	2.568	2.582	2.573	2.603	2.631	2.575	1.84
83) T	tert-Butylbenzene	2.251	2.544	2.614	2.624	2.659	2.733	2.571	6.55
84) T	1,2,4-Trimethylbe	2.307	2.636	2.741	2.754	2.799	2.790	2.671	7.02
85) T	sec-Butylbenzene	2.647	3.098	3.178	3.205	3.262	3.232	3.104	7.42
86) T	p-Isopropyltoluen	2.443	2.755	2.916	2.991	3.023	3.028	2.859	7.98
87) T	1,3-Dichlorobenze	1.596	1.595	1.527	1.531	1.553	1.587	1.565	2.03
88) T	1,4-Dichlorobenze	1.812	1.660	1.541	1.527	1.552	1.601	1.616	6.67
89) T	n-Butylbenzene	2.087	2.328	2.530	2.680	2.795	2.839	2.543	11.46
90) T	Hexachloroethane	0.600	0.487	0.507	0.528	0.558	0.565	0.541	7.67
91) T	1,2-Dichlorobenze	1.628	1.550	1.533	1.492	1.541	1.590	1.556	3.04
92) T	1,2-Dibromo-3-Chl	0.198	0.191	0.214	0.218	0.226	0.232	0.213	7.44
93) T	1,2,4-Trichlorobe	1.041	0.966	1.039	1.089	1.173	1.173	1.080	7.60
94) T	Hexachlorobutadie	0.630	0.526	0.528	0.538	0.543	0.559	0.554	7.06
95) T	Naphthalene	2.128	2.567	3.040	3.206	3.402	3.368	2.952	17.10
96) T	1,2,3-Trichlorobe	0.944	1.030	1.067	1.100	1.167	1.156	1.077	7.73

(#) = Out of Range