

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X051222W.M
 Title : SW846 8260
 Last Update : Thu May 12 14:58:53 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX028632.D 5 =VX028633.D 20 =VX028634.D 50 =VX028635.D 100 =VX028636.D 150 =VX028637.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.641	0.601	0.689	0.660	0.688	0.650	0.655	5.04
3) P	Chloromethane	0.683	0.656	0.624	0.582	0.598	0.557	0.617	7.67
4) C	Vinyl Chloride	0.685	0.687	0.674	0.654	0.666	0.621	0.664	3.68#
5) T	Bromomethane		0.677	0.575	0.475	0.462	0.426	0.523	19.57
6) T	Chloroethane	0.620	0.474	0.453	0.429	0.433	0.395	0.467	16.99
7) T	Trichlorofluor...	1.048	1.152	1.077	1.058	1.044	0.978	1.059	5.34
8) T	Diethyl Ether	0.400	0.405	0.390	0.379	0.379	0.363	0.386	4.00
9) T	1,1,2-Trichlor...	0.578	0.606	0.555	0.544	0.542	0.519	0.557	5.51
10) T	Methyl Iodide		0.577	0.644	0.687	0.731	0.697	0.667	8.88
11) T	Tert butyl alc...		0.207	0.144	0.139	0.151	0.140	0.156	18.54
12) CM	1,1-Dichloroet...	0.491	0.564	0.521	0.509	0.518	0.503	0.517	4.84#
13) T	Acrolein		0.139	0.110	0.098	0.113	0.102	0.112	14.08
14) T	Allyl chloride	0.835	0.815	0.825	0.823	0.857	0.824	0.830	1.74
15) T	Acrylonitrile	0.319	0.345	0.341	0.325	0.335	0.316	0.330	3.57
16) T	Acetone	0.326	0.318	0.298	0.276	0.283	0.264	0.294	8.31
17) T	Carbon Disulfide	1.364	1.284	1.303	1.354	1.387	1.356	1.341	2.91
18) T	Methyl Acetate	0.769	0.768	0.748	0.707	0.729	0.700	0.737	4.06
19) T	Methyl tert-bu...	1.706	1.938	1.853	1.836	1.883	1.802	1.836	4.30
20) T	Methylene Chlo...	0.695	0.659	0.602	0.586	0.593	0.567	0.617	7.98
21) T	trans-1,2-Dich...	0.570	0.603	0.580	0.588	0.590	0.566	0.583	2.35
22) T	Diisopropyl ether	1.678	1.877	1.825	1.774	1.799	1.690	1.774	4.38
23) T	Vinyl Acetate	1.332	1.565	1.600	1.573	1.601	1.503	1.529	6.72
24) P	1,1-Dichloroet...	0.994	1.082	1.046	1.029	1.043	0.994	1.031	3.29
25) T	2-Butanone	0.466	0.468	0.470	0.453	0.472	0.442	0.462	2.59
26) T	2,2-Dichloropr...	0.723	0.783	0.806	0.825	0.869	0.845	0.808	6.34
27) T	cis-1,2-Dichlo...	0.694	0.713	0.664	0.670	0.687	0.657	0.681	3.10
28) T	Bromochloromet...	0.472	0.460	0.448	0.372	0.452	0.400	0.434	9.04
29) T	Tetrahydrofuran	0.295	0.307	0.310	0.295	0.308	0.287	0.300	3.04
30) C	Chloroform	1.031	1.202	1.144	1.117	1.135	1.067	1.116	5.39#
31) T	Cyclohexane		0.987	0.955	0.953	0.956	0.907	0.951	3.02
32) T	1,1,1-Trichlor...	0.949	0.947	0.980	0.990	1.010	0.969	0.974	2.50
33) S	1,2-Dichloroet...		0.733	0.633	0.677	0.705	0.679	0.685	5.43
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.342	0.289	0.330	0.346	0.331	0.328	6.99
36) T	1,1-Dichloropr...	0.479	0.522	0.473	0.503	0.500	0.476	0.492	3.91
37) T	Ethyl Acetate	0.450	0.510	0.524	0.538	0.550	0.512	0.514	6.81
38) T	Carbon Tetrach...	0.440	0.492	0.477	0.523	0.532	0.507	0.495	6.78
39) T	Methylcyclohexane	0.531	0.574	0.547	0.590	0.590	0.552	0.564	4.33
40) TM	Benzene	1.349	1.500	1.383	1.440	1.452	1.361	1.414	4.19
41) T	Methacrylonitrile	0.268	0.281	0.264	0.275	0.293	0.272	0.276	3.69
42) TM	1,2-Dichloroet...	0.513	0.546	0.517	0.529	0.528	0.497	0.522	3.20
43) T	Isopropyl Acetate	0.689	0.803	0.793	0.831	0.869	0.839	0.804	7.77
44) TM	Trichloroethene	0.357	0.403	0.366	0.398	0.397	0.381	0.384	4.90
45) C	1,2-Dichloropr...	0.329	0.373	0.345	0.357	0.369	0.344	0.353	4.74#
46) T	Dibromomethane	0.248	0.275	0.258	0.268	0.271	0.260	0.263	3.78
47) T	Bromodichlorom...	0.415	0.497	0.472	0.519	0.528	0.505	0.489	8.40
48) T	Methyl methacr...	0.331	0.383	0.385	0.405	0.422	0.404	0.388	8.11
49) T	1,4-Dioxane	0.009	0.010	0.009	0.010	0.010	0.009	0.010	4.95
50) S	Toluene-d8		1.273	1.089	1.267	1.307	1.240	1.235	6.91
51) T	4-Methyl-2-Pen...	0.462	0.538	0.534	0.547	0.569	0.527	0.530	6.83
52) CM	Toluene	0.825	0.947	0.901	0.950	0.945	0.890	0.910	5.38#
53) T	t-1,3-Dichloro...	0.362	0.429	0.477	0.551	0.587	0.572	0.496	17.96
54) T	cis-1,3-Dichlo...	0.449	0.511	0.530	0.596	0.618	0.598	0.550	11.88
55) T	1,1,2-Trichlor...	0.336	0.385	0.365	0.383	0.388	0.368	0.371	5.25
56) T	Ethyl methacry...	0.451	0.521	0.552	0.599	0.637	0.611	0.562	12.18

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57)	T	1,3-Dichloropr...	0.589	0.650	0.608	0.638	0.652	0.618	0.626	4.02
58)	T	2-Chloroethyl ...	0.242	0.267	0.273	0.276	0.308	0.285	0.275	7.86
59)	T	2-Hexanone	0.342	0.413	0.411	0.433	0.455	0.413	0.411	9.27
60)	T	Dibromochlorom...	0.278	0.332	0.344	0.396	0.414	0.407	0.362	14.69
61)	T	1,2-Dibromoethane	0.338	0.393	0.381	0.407	0.419	0.400	0.390	7.22
62)	S	4-Bromofluorob...	0.436	0.388	0.481	0.510	0.492	0.461		10.65
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.383	0.385	0.372	0.390	0.382	0.353	0.378	3.59
65)	PM	Chlorobenzene	1.017	1.085	1.051	1.085	1.101	1.026	1.061	3.28
66)	T	1,1,1,2-Tetrac...	0.325	0.376	0.367	0.389	0.410	0.387	0.376	7.64
67)	C	Ethyl Benzene	1.756	1.975	1.880	1.982	1.980	1.834	1.901	4.94#
68)	T	m/p-Xylenes	0.671	0.752	0.738	0.777	0.781	0.722	0.740	5.50
69)	T	o-Xylene	0.686	0.727	0.714	0.751	0.772	0.723	0.729	4.08
70)	T	Styrene	0.992	1.111	1.184	1.282	1.301	1.230	1.183	9.83
71)	P	Bromoform	0.210	0.230	0.257	0.299	0.331	0.315	0.274	17.74
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.553	4.136	3.851	3.791	3.816	3.603	3.792	5.47
74)	T	N-amyl acetate	1.202	1.437	1.498	1.554	1.683	1.568	1.491	10.95
75)	P	1,1,2,2-Tetrac...	1.350	1.421	1.302	1.245	1.284	1.203	1.301	5.94
76)	T	1,2,3-Trichlor...	1.187	1.232	1.194	1.154	1.183	1.076	1.171	4.50
77)	T	Bromobenzene	0.850	0.926	0.889	0.898	0.935	0.884	0.897	3.41
78)	T	n-propylbenzene	4.056	4.677	4.424	4.464	4.480	4.214	4.386	4.99
79)	T	2-Chlorotoluene	2.622	2.913	2.690	2.649	2.713	2.542	2.688	4.65
80)	T	1,3,5-Trimethy...	2.756	3.384	3.200	3.223	3.292	3.102	3.159	6.93
81)	T	trans-1,4-Dich...	0.267	0.317	0.369	0.422	0.412	0.357		18.30
82)	T	4-Chlorotoluene	2.966	3.325	3.075	3.115	3.183	2.981	3.108	4.33
83)	T	tert-Butylbenzene	2.724	3.233	3.102	3.097	3.194	3.004	3.059	5.97
84)	T	1,2,4-Trimethy...	2.763	3.355	3.238	3.244	3.301	3.108	3.168	6.78
85)	T	sec-Butylbenzene	3.404	3.991	3.815	3.853	3.893	3.684	3.773	5.48
86)	T	p-Isopropyltol...	2.766	3.258	3.177	3.314	3.323	3.159	3.166	6.55
87)	T	1,3-Dichlorobe...	1.758	1.817	1.720	1.761	1.798	1.704	1.760	2.47
88)	T	1,4-Dichlorobe...	1.977	1.909	1.755	1.785	1.814	1.712	1.825	5.45
89)	T	n-Butylbenzene	2.366	2.776	2.673	2.919	2.951	2.776	2.743	7.71
90)	T	Hexachloroethane	0.443	0.451	0.491	0.540	0.585	0.563	0.512	11.60
91)	T	1,2-Dichlorobe...	1.672	1.830	1.728	1.743	1.753	1.647	1.729	3.73
92)	T	1,2-Dibromo-3-...	0.241	0.263	0.285	0.280	0.303	0.295	0.278	8.14
93)	T	1,2,4-Trichlor...	0.944	0.972	0.988	1.021	1.051	1.015	0.998	3.85
94)	T	Hexachlorobuta...	0.435	0.411	0.376	0.414	0.412	0.385	0.406	5.27
95)	T	Naphthalene	2.806	3.465	3.762	3.757	3.856	3.672	3.553	10.95
96)	T	1,2,3-Trichlor...	0.948	1.015	1.003	1.005	1.044	1.001	1.003	3.11

(#) = Out of Range