

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X011122W.M
 Title : SW846 8260
 Last Update : Tue Jan 11 14:45:13 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX026414.D 5 =VX026415.D 20 =VX026416.D 50 =VX026417.D 100 =VX026418.D 150 =VX026419.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.600	0.579	0.604	0.598	0.574	0.587	0.590	2.09
3) P	Chloromethane	0.588	0.537	0.551	0.532	0.505	0.535	0.541	5.04
4) C	Vinyl Chloride	0.531	0.572	0.583	0.584	0.560	0.580	0.568	3.57#
5) T	Bromomethane		0.269	0.279	0.259	0.244	0.259	0.262	5.03
6) T	Chloroethane	0.345	0.275	0.330	0.288	0.243	0.244	0.287	14.94
7) T	Trichlorofluor...	0.840	0.894	0.926	0.937	0.888	0.898	0.897	3.79
8) T	Diethyl Ether	0.286	0.321	0.327	0.331	0.317	0.323	0.317	5.16
9) T	1,1,2-Trichlor...	0.522	0.538	0.563	0.567	0.541	0.551	0.547	3.06
10) T	Methyl Iodide		0.375	0.498	0.573	0.591	0.640	0.535	19.25
11) T	Tert butyl alc...		0.107	0.101	0.103	0.094	0.081	0.097	10.84
12) CM	1,1-Dichloroet...	0.495	0.523	0.523	0.541	0.518	0.533	0.522	2.99#
13) T	Acrolein		0.091	0.089	0.099	0.115	0.123	0.103	14.70
14) T	Allyl chloride	0.864	0.896	0.979	1.014	0.992	1.018	0.960	6.72
15) T	Acrylonitrile	0.306	0.288	0.313	0.305	0.287	0.295	0.299	3.54
16) T	Acetone	0.384	0.321	0.407	0.370	0.330	0.325	0.356	10.07
17) T	Carbon Disulfide	1.619	1.473	1.516	1.529	1.483	1.527	1.525	3.38
18) T	Methyl Acetate	0.718	0.721	0.720	0.711	0.677	0.702	0.708	2.36
19) T	Methyl tert-bu...	1.791	1.865	1.946	1.953	1.878	1.935	1.895	3.31
20) T	Methylene Chlo...	0.665	0.584	0.588	0.578	0.551	0.566	0.589	6.76
21) T	trans-1,2-Dich...	0.534	0.559	0.579	0.584	0.564	0.572	0.565	3.19
22) T	Diisopropyl ether	1.823	1.946	2.028	2.021	1.926	1.960	1.951	3.82
23) T	Vinyl Acetate	1.371	1.525	1.687	1.719	1.652	1.679	1.606	8.29
24) P	1,1-Dichloroet...	0.985	1.034	1.072	1.093	1.057	1.080	1.053	3.73
25) T	2-Butanone	0.443	0.431	0.507	0.487	0.455	0.457	0.463	6.16
26) T	2,2-Dichloropr...	0.629	0.700	0.777	0.844	0.843	0.893	0.781	12.81
27) T	cis-1,2-Dichlo...	0.588	0.623	0.666	0.678	0.649	0.667	0.645	5.26
28) T	Bromochloromet...	0.331	0.447	0.450	0.455	0.451	0.461	0.433	11.55
29) T	Tetrahydrofuran	0.273	0.269	0.286	0.282	0.267	0.274	0.275	2.67
30) C	Chloroform	1.046	1.079	1.131	1.132	1.080	1.099	1.095	3.06#
31) T	Cyclohexane		1.028	1.047	1.046	1.003	1.027	1.030	1.75
32) T	1,1,1-Trichlor...	0.810	0.918	0.998	1.029	0.997	1.024	0.963	8.80
33) S	1,2-Dichloroet...		0.716	0.675	0.724	0.698	0.678	0.698	3.14
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.317	0.307	0.340	0.328	0.323	0.323	3.82
36) T	1,1-Dichloropr...	0.491	0.494	0.517	0.527	0.505	0.524	0.510	3.01
37) T	Ethyl Acetate	0.484	0.485	0.531	0.538	0.518	0.537	0.516	4.87
38) T	Carbon Tetrach...	0.458	0.491	0.530	0.561	0.543	0.562	0.524	8.00
39) T	Methylcyclohexane	0.553	0.608	0.612	0.641	0.627	0.646	0.615	5.48
40) TM	Benzene	1.349	1.385	1.428	1.454	1.399	1.439	1.409	2.75
41) T	Methacrylonitrile	0.258	0.296	0.300	0.306	0.290	0.302	0.292	5.97
42) TM	1,2-Dichloroet...	0.525	0.544	0.569	0.573	0.544	0.553	0.551	3.21
43) T	Isopropyl Acetate	0.741	0.766	0.867	0.888	0.856	0.880	0.833	7.57
44) TM	Trichloroethene	0.358	0.387	0.408	0.419	0.408	0.418	0.400	5.91
45) C	1,2-Dichloropr...	0.309	0.340	0.368	0.370	0.357	0.367	0.352	6.72#
46) T	Dibromomethane	0.224	0.242	0.256	0.259	0.250	0.256	0.248	5.37
47) T	Bromodichlorom...	0.440	0.478	0.513	0.537	0.513	0.525	0.501	7.16
48) T	Methyl methacr...	0.387	0.380	0.434	0.432	0.416	0.428	0.413	5.73
49) T	1,4-Dioxane	0.006	0.007	0.007	0.007	0.007	0.007	0.007	4.06
50) S	Toluene-d8		1.158	1.125	1.205	1.172	1.158	1.164	2.49
51) T	4-Methyl-2-Pen...	0.477	0.473	0.538	0.519	0.475	0.482	0.494	5.58
52) CM	Toluene	0.804	0.847	0.895	0.898	0.859	0.880	0.864	4.10#
53) T	t-1,3-Dichloro...	0.337	0.377	0.486	0.528	0.534	0.556	0.470	19.34
54) T	cis-1,3-Dichlo...	0.428	0.465	0.544	0.595	0.586	0.609	0.538	13.96
55) T	1,1,2-Trichlor...	0.323	0.332	0.356	0.351	0.329	0.332	0.337	3.92
56) T	Ethyl methacry...	0.431	0.466	0.553	0.562	0.535	0.552	0.517	10.59

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57)	T	1,3-Dichloropr...	0.531	0.588	0.623	0.608	0.576	0.582	0.585	5.40
58)	T	2-Chloroethyl ...	0.238	0.256	0.293	0.287	0.277	0.274	0.271	7.57
59)	T	2-Hexanone	0.352	0.345	0.419	0.406	0.370	0.377	0.378	7.69
60)	T	Dibromochlorom...	0.283	0.315	0.374	0.384	0.369	0.384	0.351	12.06
61)	T	1,2-Dibromoethane	0.316	0.339	0.369	0.369	0.354	0.361	0.351	5.87
62)	S	4-Bromofluorob...	0.393	0.395	0.432	0.424	0.423	0.413		4.41
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.422	0.474	0.499	0.485	0.472	0.482	0.472	5.60
65)	PM	Chlorobenzene	1.017	1.021	1.094	1.074	1.037	1.075	1.053	3.05
66)	T	1,1,1,2-Tetrac...	0.328	0.387	0.407	0.410	0.398	0.417	0.391	8.36
67)	C	Ethyl Benzene	1.626	1.920	2.015	2.010	1.924	1.985	1.913	7.66#
68)	T	m/p-Xylenes	0.639	0.691	0.749	0.752	0.723	0.742	0.716	6.17
69)	T	o-Xylene	0.583	0.684	0.733	0.726	0.698	0.722	0.691	8.13
70)	T	Styrene	0.921	1.066	1.186	1.215	1.166	1.210	1.127	10.17
71)	P	Bromoform	0.190	0.238	0.275	0.289	0.292	0.316	0.267	17.09
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.810	4.178	4.412	4.203	3.986	4.001	4.098	5.13
74)	T	N-amyl acetate	1.207	1.410	1.697	1.727	1.688	1.764	1.582	14.10
75)	P	1,1,2,2-Tetrac...	1.059	1.089	1.162	1.124	1.065	1.101	1.100	3.52
76)	T	1,2,3-Trichlor...	1.070	1.079	1.190	1.151	1.056	1.060	1.101	5.07
77)	T	Bromobenzene	0.911	0.935	0.986	0.964	0.911	0.927	0.939	3.23
78)	T	n-propylbenzene	4.385	4.629	4.915	4.844	4.609	4.659	4.674	4.02
79)	T	2-Chlorotoluene	2.769	2.910	2.979	2.867	2.719	2.760	2.834	3.55
80)	T	1,3,5-Trimethy...	3.100	3.430	3.627	3.484	3.301	3.331	3.379	5.32
81)	T	trans-1,4-Dich...	0.204	0.282	0.335	0.358	0.381	0.312		22.61
82)	T	4-Chlorotoluene	3.232	3.250	3.435	3.325	3.153	3.149	3.257	3.35
83)	T	tert-Butylbenzene	2.860	3.113	3.322	3.287	3.161	3.182	3.154	5.20
84)	T	1,2,4-Trimethy...	3.174	3.366	3.590	3.508	3.303	3.336	3.380	4.41
85)	T	sec-Butylbenzene	3.672	3.947	4.334	4.284	4.097	4.146	4.080	5.96
86)	T	p-Isopropyltol...	2.943	3.326	3.652	3.604	3.479	3.534	3.423	7.62
87)	T	1,3-Dichlorobe...	1.768	1.724	1.806	1.766	1.729	1.767	1.760	1.70
88)	T	1,4-Dichlorobe...	1.817	1.711	1.816	1.807	1.748	1.789	1.781	2.41
89)	T	n-Butylbenzene	2.507	2.701	3.060	3.125	3.066	3.166	2.937	9.13
90)	T	Hexachloroethane	0.396	0.438	0.497	0.558	0.568	0.598	0.509	15.64
91)	T	1,2-Dichlorobe...	1.482	1.693	1.750	1.722	1.642	1.691	1.663	5.75
92)	T	1,2-Dibromo-3-...	0.214	0.235	0.271	0.288	0.285	0.303	0.266	12.86
93)	T	1,2,4-Trichlor...	0.957	0.981	1.063	1.121	1.109	1.167	1.066	7.74
94)	T	Hexachlorobuta...	0.395	0.435	0.461	0.461	0.466	0.483	0.450	6.90
95)	T	Naphthalene	2.935	3.273	3.731	3.790	3.735	3.877	3.557	10.42
96)	T	1,2,3-Trichlor...	0.898	1.002	1.064	1.091	1.089	1.148	1.049	8.35

(#) = Out of Range