

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y103024S.M
 Title : SW846 8260
 Last Update : Thu Oct 31 15:23:13 2024
 Response Via : Initial Calibration

Calibration Files

5 =VY020075.D 10 =VY020076.D 20 =VY020077.D 50 =VY020078.D 100 =VY020079.D 150 =VY020080.

D

Compound		5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.507	0.488	0.482	0.381	0.456	0.463	0.463	9.46
3) P	Chloromethane	0.831	0.835	0.791	0.683	0.731	0.728	0.767	8.07
4) C	Vinyl Chloride	0.867	0.874	0.835	0.754	0.809	0.799	0.823	5.49#
5) T	Bromomethane	0.631	0.574	0.545	0.480	0.521	0.528	0.546	9.45
6) T	Chloroethane	0.562	0.555	0.546	0.486	0.527	0.511	0.531	5.45
7) T	Trichlorofluor...	1.025	1.018	1.037	0.927	1.012	1.014	1.005	3.92
8) T	Diethyl Ether	0.261	0.280	0.293	0.252	0.297	0.299	0.280	7.04
9) T	1,1,2-Trichlor...	0.597	0.584	0.567	0.509	0.561	0.565	0.564	5.30
10) T	Methyl Iodide	0.499	0.541	0.548	0.517	0.577	0.585	0.544	6.16
11) T	Tert butyl alc...	0.054	0.056	0.047	0.033	0.041	0.039	0.045	19.94
12) CM	1,1-Dichloroet...	0.534	0.578	0.536	0.493	0.543	0.552	0.540	5.15#
13) T	Acrolein	0.051	0.060	0.059	0.050	0.060	0.056	0.056	8.02
14) T	Allyl chloride	0.955	0.952	0.980	0.915	1.011	1.028	0.973	4.25
15) T	Acrylonitrile	0.117	0.129	0.129	0.117	0.139	0.134	0.128	7.05
16) T	Acetone	0.134	0.138	0.138	0.140	0.165	0.155	0.145	8.48
17) T	Carbon Disulfide	1.790	1.835	1.806	1.674	1.832	1.837	1.796	3.48
18) T	Methyl Acetate	0.314	0.357	0.351	0.317	0.362	0.342	0.340	6.03
19) T	Methyl tert-bu...	1.229	1.344	1.376	1.241	1.483	1.471	1.357	8.01
20) T	Methylene Chlo...	0.807	0.716	0.641	0.555	0.597	0.597	0.652	14.31
21) T	trans-1,2-Dich...	0.611	0.618	0.613	0.564	0.616	0.628	0.609	3.71
22) T	Diisopropyl ether	1.824	1.993	2.082	1.893	2.168	2.160	2.020	7.02
23) T	Vinyl Acetate	0.982	1.112	1.150	1.054	1.274	1.249	1.137	9.87
24) P	1,1-Dichloroet...	1.155	1.209	1.189	1.070	1.194	1.200	1.170	4.46
25) T	2-Butanone	0.187	0.197	0.192	0.179	0.219	0.206	0.197	7.32
26) T	2,2-Dichloropr...	1.043	0.968	0.957	0.881	0.986	1.004	0.973	5.59
27) T	cis-1,2-Dichlo...	0.646	0.714	0.715	0.646	0.740	0.736	0.700	6.09
28) T	Bromochloromet...	0.572	0.562	0.527	0.505	0.553	0.567	0.548	4.82
29) T	Tetrahydrofuran	0.102	0.113	0.114	0.104	0.128	0.120	0.114	8.48
30) C	Chloroform	1.141	1.170	1.186	1.068	1.196	1.203	1.161	4.33#
31) T	Cyclohexane	1.284	1.206	1.138	0.986	1.093	1.088	1.132	9.14
32) T	1,1,1-Trichlor...	0.986	1.026	1.009	0.950	1.041	1.069	1.013	4.13
33) S	1,2-Dichloroet...	0.608	0.657	0.578	0.586	0.668	0.647	0.624	6.12
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.305	0.317	0.300	0.305	0.340	0.340	0.318	5.66
36) T	1,1-Dichloropr...	0.482	0.500	0.493	0.450	0.512	0.510	0.491	4.70
37) T	Ethyl Acetate	0.232	0.226	0.242	0.211	0.255	0.239	0.234	6.37
38) T	Carbon Tetrach...	0.467	0.491	0.499	0.462	0.519	0.524	0.494	5.23
39) T	Methylcyclohexane	0.603	0.602	0.631	0.578	0.665	0.661	0.623	5.60
40) TM	Benzene	1.414	1.405	1.455	1.325	1.504	1.498	1.433	4.67
41) T	Methacrylonitrile	0.079	0.115	0.131	0.119	0.132	0.127	0.117	16.94
42) TM	1,2-Dichloroet...	0.379	0.391	0.402	0.365	0.425	0.418	0.397	5.78
43) T	Isopropyl Acetate	0.390	0.440	0.462	0.412	0.510	0.487	0.450	10.02
44) TM	Trichloroethene	0.328	0.331	0.332	0.307	0.348	0.346	0.332	4.42
45) C	1,2-Dichloropr...	0.323	0.331	0.357	0.320	0.363	0.364	0.343	6.01#
46) T	Dibromomethane	0.173	0.185	0.189	0.171	0.200	0.196	0.186	6.41
47) T	Bromodichlorom...	0.459	0.476	0.487	0.451	0.526	0.522	0.487	6.45
48) T	Methyl methacr...	0.161	0.196	0.218	0.197	0.244	0.236	0.209	14.58
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.64
50) S	Toluene-d8	1.187	1.251	1.187	1.224	1.380	1.364	1.265	6.79
51) T	4-Methyl-2-Pen...	0.190	0.223	0.238	0.219	0.269	0.252	0.232	11.91
52) CM	Toluene	0.803	0.859	0.900	0.833	0.953	0.953	0.884	7.08#
53) T	t-1,3-Dichloro...	0.369	0.400	0.436	0.401	0.486	0.487	0.430	11.35
54) T	cis-1,3-Dichlo...	0.446	0.485	0.518	0.484	0.573	0.573	0.513	10.05
55) T	1,1,2-Trichlor...	0.206	0.225	0.235	0.216	0.257	0.248	0.231	8.38

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56)	T	Ethyl methacry...	0.250	0.302	0.337	0.315	0.396	0.388	0.331	16.56
57)	T	1,3-Dichloropr...	0.383	0.411	0.438	0.393	0.464	0.449	0.423	7.67
58)	T	2-Chloroethyl ...	0.132	0.155	0.167	0.160	0.186	0.180	0.163	11.81
59)	T	2-Hexanone	0.131	0.161	0.168	0.158	0.198	0.182	0.166	13.74
60)	T	Dibromochlorom...	0.256	0.281	0.300	0.273	0.332	0.326	0.295	10.31
61)	T	1,2-Dibromoethane	0.203	0.214	0.215	0.196	0.233	0.228	0.215	6.66
62)	S	4-Bromofluorob...	0.371	0.402	0.376	0.399	0.463	0.454	0.411	9.49
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.326	0.316	0.344	0.307	0.344	0.343	0.330	4.84
65)	PM	Chlorobenzene	1.024	1.044	1.094	0.993	1.114	1.124	1.065	4.99
66)	T	1,1,1,2-Tetrac...	0.312	0.332	0.345	0.317	0.365	0.370	0.340	7.12
67)	C	Ethyl Benzene	1.886	1.934	2.015	1.876	2.114	2.124	1.992	5.54#
68)	T	m/p-Xylenes	0.685	0.693	0.742	0.692	0.779	0.782	0.729	6.18
69)	T	o-Xylene	0.652	0.662	0.686	0.649	0.745	0.745	0.690	6.48
70)	T	Styrene	0.985	1.080	1.154	1.093	1.259	1.273	1.141	9.77
71)	P	Bromoform	0.151	0.162	0.173	0.165	0.202	0.195	0.175	11.41
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	4.065	3.829	3.995	3.685	4.099	4.293	3.994	5.35
74)	T	N-amyl acetate	0.835	0.907	1.004	0.918	1.156	1.171	0.998	13.89
75)	P	1,1,2,2-Tetrac...	0.716	0.707	0.698	0.624	0.727	0.719	0.699	5.40
76)	T	1,2,3-Trichlor...	0.387	0.563	0.479	0.428	0.477	0.478	0.469	12.64
77)	T	Bromobenzene	0.830	0.761	0.806	0.742	0.843	0.866	0.808	5.96
78)	T	n-propylbenzene	5.003	4.849	5.049	4.581	5.082	5.263	4.971	4.69
79)	T	2-Chlorotoluene	2.788	2.705	2.774	2.517	2.814	2.958	2.759	5.26
80)	T	1,3,5-Trimethy...	3.201	3.025	3.270	2.973	3.310	3.461	3.207	5.70
81)	T	trans-1,4-Dich...	0.208	0.210	0.211	0.197	0.238	0.243	0.218	8.40
82)	T	4-Chlorotoluene	2.774	2.702	2.871	2.606	2.904	3.025	2.813	5.35
83)	T	tert-Butylbenzene	2.826	2.624	2.798	2.664	2.888	3.024	2.804	5.24
84)	T	1,2,4-Trimethy...	3.062	3.025	3.203	2.942	3.338	3.486	3.176	6.51
85)	T	sec-Butylbenzene	4.277	4.160	4.350	4.002	4.440	4.598	4.305	4.86
86)	T	p-Isopropyltol...	3.296	3.254	3.522	3.235	3.617	3.803	3.454	6.68
87)	T	1,3-Dichlorobe...	1.659	1.521	1.680	1.509	1.703	1.774	1.641	6.42
88)	T	1,4-Dichlorobe...	1.680	1.604	1.653	1.487	1.666	1.716	1.634	4.95
89)	T	n-Butylbenzene	3.312	3.215	3.533	3.256	3.663	3.797	3.463	6.88
90)	T	Hexachloroethane	0.669	0.664	0.684	0.628	0.713	0.741	0.683	5.79
91)	T	1,2-Dichlorobe...	1.391	1.384	1.460	1.310	1.483	1.530	1.426	5.58
92)	T	1,2-Dibromo-3-...	0.107	0.104	0.106	0.092	0.114	0.112	0.106	7.59
93)	T	1,2,4-Trichlor...	0.652	0.708	0.784	0.693	0.865	0.895	0.766	12.83
94)	T	Hexachlorobuta...	0.403	0.389	0.422	0.389	0.454	0.456	0.419	7.30
95)	T	Naphthalene	1.116	1.209	1.420	1.325	1.760	1.765	1.432	19.22
96)	T	1,2,3-Trichlor...	0.578	0.606	0.653	0.575	0.737	0.754	0.650	12.13

(#) = Out of Range