

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X111721W.M
 Title : SW846 8260
 Last Update : Wed Nov 17 15:36:16 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX025180.D 5 =VX025188.D 20 =VX025189.D 50 =VX025183.D 100 =VX025184.D 150 =VX025185.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.393	0.395	0.381	0.490	0.483	0.458	0.433	11.32
3) P	Chloromethane	0.603	0.508	0.480	0.554	0.537	0.538	0.537	7.79
4) C	Vinyl Chloride	0.580	0.587	0.562	0.620	0.604	0.582	0.589	3.48#
5) T	Bromomethane		0.308	0.254	0.256	0.223	0.226	0.253	13.45
6) T	Chloroethane	0.507	0.413	0.384	0.388	0.381	0.366	0.407	12.62
7) T	Trichlorofluor...	0.829	0.909	0.872	0.901	0.888	0.848	0.875	3.54
8) T	Diethyl Ether	0.383	0.363	0.353	0.360	0.350	0.357	0.361	3.29
9) T	1,1,2-Trichlor...	0.458	0.491	0.479	0.465	0.460	0.439	0.465	3.83
10) T	Methyl Iodide		0.501	0.483	0.638	0.654	0.633	0.582	14.14
11) T	Tert butyl alc...		0.191	0.131	0.135	0.124	0.129	0.142	19.50
12) CM	1,1-Dichloroet...	0.483	0.466	0.454	0.467	0.458	0.452	0.463	2.47#
13) T	Acrolein		0.025	0.025	0.025	0.023	0.023	0.024	3.45
14) T	Allyl chloride	1.004	0.838	0.795	0.806	0.787	0.803	0.839	9.86
15) T	Acrylonitrile	0.278	0.292	0.272	0.286	0.281	0.288	0.283	2.59
16) T	Acetone	0.318	0.308	0.285	0.295	0.278	0.274	0.293	5.88
17) T	Carbon Disulfide	1.382	1.403	1.259	1.266	1.252	1.260	1.304	5.32
18) T	Methyl Acetate	1.055	0.997	0.871	0.908	0.883	0.900	0.936	7.84
19) T	Methyl tert-bu...	1.660	1.661	1.586	1.593	1.569	1.618	1.615	2.41
20) T	Methylene Chlo...	0.637	0.599	0.522	0.512	0.507	0.525	0.551	9.87
21) T	trans-1,2-Dich...	0.493	0.544	0.507	0.500	0.499	0.503	0.508	3.65
22) T	Diisopropyl ether	1.620	1.592	1.559	1.571	1.581	1.661	1.597	2.35
23) T	Vinyl Acetate	1.251	1.294	1.241	1.283	1.284	1.345	1.283	2.85
24) P	1,1-Dichloroet...	0.855	0.906	0.874	0.863	0.858	0.880	0.873	2.16
25) T	2-Butanone	0.430	0.442	0.405	0.428	0.416	0.420	0.423	2.96
26) T	2,2-Dichloropr...	0.796	0.825	0.798	0.790	0.769	0.769	0.791	2.61
27) T	cis-1,2-Dichlo...	0.579	0.616	0.593	0.588	0.585	0.595	0.593	2.16
28) T	Bromochloromet...	0.414	0.428	0.383	0.411	0.393	0.412	0.407	3.95
29) T	Tetrahydrofuran	0.277	0.273	0.243	0.260	0.258	0.262	0.262	4.62
30) C	Chloroform	0.940	0.931	0.891	0.898	0.884	0.906	0.908	2.47#
31) T	Cyclohexane		0.884	0.817	0.804	0.796	0.771	0.814	5.21
32) T	1,1,1-Trichlor...	0.868	0.869	0.828	0.822	0.805	0.798	0.832	3.69
33) S	1,2-Dichloroet...		0.553	0.511	0.519	0.511	0.541	0.527	3.64
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.316	0.307	0.303	0.299	0.309	0.307	2.12
36) T	1,1-Dichloropr...	0.457	0.450	0.439	0.428	0.427	0.415	0.436	3.57
37) T	Ethyl Acetate	0.505	0.518	0.494	0.487	0.487	0.487	0.496	2.52
38) T	Carbon Tetrach...	0.496	0.492	0.496	0.479	0.473	0.447	0.480	3.93
39) T	Methylcyclohexane	0.557	0.580	0.587	0.563	0.555	0.515	0.560	4.56
40) TM	Benzene	1.369	1.367	1.332	1.298	1.280	1.283	1.321	3.06
41) T	Methacrylonitrile	0.335	0.269	0.257	0.261	0.266	0.265	0.275	10.64
42) TM	1,2-Dichloroet...	0.439	0.436	0.437	0.427	0.418	0.423	0.430	2.01
43) T	Isopropyl Acetate	0.854	0.843	0.813	0.815	0.807	0.824	0.826	2.23
44) TM	Trichloroethene	0.384	0.397	0.400	0.383	0.372	0.368	0.384	3.35
45) C	1,2-Dichloropr...	0.310	0.329	0.330	0.325	0.324	0.328	0.325	2.35#
46) T	Dibromomethane	0.239	0.239	0.238	0.234	0.230	0.233	0.236	1.53
47) T	Bromodichlorom...	0.463	0.456	0.474	0.460	0.458	0.468	0.463	1.45
48) T	Methyl methacr...	0.443	0.378	0.374	0.377	0.370	0.384	0.388	7.12
49) T	1,4-Dioxane	0.008	0.009	0.008	0.008	0.008	0.008	0.008	3.69
50) S	Toluene-d8		1.153	1.148	1.151	1.130	1.186	1.153	1.75
51) T	4-Methyl-2-Pen...	0.495	0.520	0.504	0.517	0.521	0.551	0.518	3.71
52) CM	Toluene	0.865	0.867	0.885	0.855	0.843	0.862	0.863	1.62#
53) T	t-1,3-Dichloro...	0.480	0.497	0.526	0.514	0.522	0.551	0.515	4.75
54) T	cis-1,3-Dichlo...	0.556	0.548	0.558	0.557	0.558	0.571	0.558	1.34
55) T	1,1,2-Trichlor...	0.308	0.353	0.357	0.343	0.339	0.357	0.343	5.45
56) T	Ethyl methacry...	0.525	0.544	0.560	0.553	0.560	0.596	0.556	4.23

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57)	T	1,3-Dichloropr...	0.557	0.573	0.576	0.562	0.562	0.580	0.568	1.64
58)	T	2-Chloroethyl ...	0.230	0.244	0.270	0.252	0.264	0.293	0.259	8.44
59)	T	2-Hexanone	0.385	0.408	0.402	0.414	0.411	0.430	0.408	3.65
60)	T	Dibromochlorom...	0.388	0.384	0.397	0.393	0.394	0.413	0.395	2.52
61)	T	1,2-Dibromoethane	0.345	0.386	0.379	0.368	0.367	0.384	0.371	4.13
62)	S	4-Bromofluorob...	0.431	0.432	0.424	0.426	0.469	0.436		4.24
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.456	0.431	0.440	0.411	0.384	0.351	0.412	9.38
65)	PM	Chlorobenzene	1.024	1.037	1.061	1.009	0.995	0.987	1.019	2.70
66)	T	1,1,1,2-Tetrac...	0.376	0.411	0.406	0.389	0.383	0.380	0.391	3.63
67)	C	Ethyl Benzene	1.711	1.815	1.854	1.772	1.725	1.688	1.761	3.66#
68)	T	m/p-Xylenes	0.719	0.735	0.748	0.713	0.703	0.698	0.719	2.65
69)	T	o-Xylene	0.681	0.720	0.739	0.702	0.692	0.690	0.704	3.09
70)	T	Styrene	1.101	1.149	1.204	1.169	1.162	1.192	1.163	3.13
71)	P	Bromoform	0.322	0.341	0.348	0.343	0.342	0.340	0.339	2.67
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.785	3.745	3.752	3.472	3.356	3.270	3.563	6.34
74)	T	N-amyl acetate	1.669	1.503	1.494	1.512	1.522	1.548	1.541	4.23
75)	P	1,1,2,2-Tetrac...	1.258	1.234	1.139	1.118	1.082	1.086	1.153	6.57
76)	T	1,2,3-Trichlor...	1.063	1.069	1.059	1.021	0.988	0.944	1.024	4.89
77)	T	Bromobenzene	0.928	0.982	0.957	0.903	0.867	0.861	0.916	5.30
78)	T	n-propylbenzene	3.895	4.083	4.247	4.014	3.919	3.841	4.000	3.73
79)	T	2-Chlorotoluene	2.613	2.572	2.516	2.342	2.295	2.273	2.435	6.13
80)	T	1,3,5-Trimethy...	3.080	3.136	3.132	2.915	2.876	2.833	2.995	4.54
81)	T	trans-1,4-Dich...	0.409	0.400	0.409	0.405	0.409	0.406		0.94
82)	T	4-Chlorotoluene	2.832	2.892	2.835	2.706	2.700	2.714	2.780	3.00
83)	T	tert-Butylbenzene	3.230	3.248	3.169	2.949	2.889	2.779	3.044	6.49
84)	T	1,2,4-Trimethy...	2.940	3.135	3.118	2.932	2.849	2.789	2.960	4.74
85)	T	sec-Butylbenzene	3.659	3.826	3.957	3.680	3.614	3.469	3.701	4.60
86)	T	p-Isopropyltol...	3.239	3.241	3.343	3.158	3.104	2.992	3.180	3.86
87)	T	1,3-Dichlorobe...	1.718	1.791	1.786	1.696	1.627	1.618	1.706	4.38
88)	T	1,4-Dichlorobe...	1.819	1.801	1.791	1.678	1.649	1.632	1.729	4.88
89)	T	n-Butylbenzene	2.699	2.620	2.780	2.655	2.695	2.631	2.680	2.19
90)	T	Hexachloroethane	0.600	0.578	0.614	0.581	0.583	0.560	0.586	3.19
91)	T	1,2-Dichlorobe...	1.694	1.725	1.755	1.639	1.582	1.581	1.663	4.44
92)	T	1,2-Dibromo-3-...	0.228	0.246	0.239	0.250	0.246	0.235	0.241	3.48
93)	T	1,2,4-Trichlor...	0.758	0.940	1.080	1.064	1.028	1.001	0.979	12.13
94)	T	Hexachlorobuta...	0.509	0.507	0.507	0.455	0.442	0.400	0.470	9.59
95)	T	Naphthalene	1.768	2.843	3.416	3.518	3.409	3.320	3.046	21.98
96)	T	1,2,3-Trichlor...	0.736	0.911	1.051	1.027	1.023	0.996	0.957	12.41

(#) = Out of Range