

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X062722W.M
 Title : SW846 8260
 Last Update : Mon Jun 27 15:32:24 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX029817.D 5 =VX029811.D 20 =VX029813.D 50 =VX029814.D 100 =VX029815.D 10 =VX029812.D

	Compound	1	5	20	50	100	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.520	0.548	0.676	0.684	0.629	0.695	0.625	11.93
3) P	Chloromethane	0.669	0.628	0.745	0.709	0.674	0.752	0.696	6.90
4) C	Vinyl Chloride	0.635	0.674	0.789	0.761	0.727	0.817	0.734	9.48#
5) T	Bromomethane	0.137	0.206	0.149	0.145	0.235	0.174		24.80
6) T	Chloroethane	0.377	0.359	0.425	0.406		0.445	0.402	8.61
7) T	Trichlorofluor...	0.765	0.831	0.873	0.845	0.796	0.901	0.835	5.95
8) T	Diethyl Ether	0.377	0.427	0.400	0.385	0.365	0.423	0.396	6.32
9) T	1,1,2-Trichlor...	0.520	0.632	0.618	0.581	0.567	0.637	0.593	7.62
10) T	Methyl Iodide	0.512	0.714	0.736	0.737	0.700	0.680		13.97
11) T	Tert butyl alc...	0.295	0.212	0.192	0.184	0.230	0.223		19.95
12) CM	1,1-Dichloroet...	0.583	0.608	0.637	0.611	0.590	0.629	0.610	3.46#
13) T	Acrolein	0.152	0.129	0.127	0.129	0.141	0.136		8.03
14) T	Allyl chloride	0.989	1.086	1.157	1.149	1.111	1.185	1.113	6.31
15) T	Acrylonitrile	0.430	0.475	0.470	0.457	0.430	0.474	0.456	4.61
16) T	Acetone	0.393	0.386	0.368	0.353	0.337	0.379	0.369	5.75
17) T	Carbon Disulfide	1.617	1.125	1.669	1.643	1.645	1.713	1.569	14.01
18) T	Methyl Acetate	1.175	1.221	1.067	1.040	1.016	1.125	1.107	7.26
19) T	Methyl tert-bu...	2.035	2.185	2.106	2.098	2.016	2.210	2.108	3.69
20) T	Methylene Chlo...	0.850	0.809	0.730	0.732	0.691	0.773	0.764	7.64
21) T	trans-1,2-Dich...	0.626	0.631	0.672	0.663	0.633	0.690	0.653	3.99
22) T	Diisopropyl ether	2.170	2.380	2.294	2.285	2.178	2.346	2.275	3.78
23) T	Vinyl Acetate	1.661	1.957	2.008	2.016	1.903	2.068	1.935	7.53
24) P	1,1-Dichloroet...	1.165	1.274	1.249	1.242	1.194	1.300	1.237	4.04
25) T	2-Butanone	0.624	0.638	0.635	0.625	0.590	0.651	0.627	3.33
26) T	2,2-Dichloropr...	0.847	0.888	0.853	0.877	0.843	0.892	0.867	2.47
27) T	cis-1,2-Dichlo...	0.782	0.821	0.800	0.784	0.755	0.840	0.797	3.80
28) T	Bromochloromet...	0.569	0.529	0.495	0.448	0.459	0.439	0.490	10.41
29) T	Tetrahydrofuran	0.400	0.418	0.423	0.425	0.403	0.441	0.418	3.63
30) C	Chloroform	1.169	1.231	1.222	1.198	1.150	1.250	1.203	3.20#
31) T	Cyclohexane	1.035	1.165	1.208	1.142	1.220	1.154		6.39
32) T	1,1,1-Trichlor...	0.898	0.928	0.939	0.960	0.901	0.975	0.933	3.33
33) S	1,2-Dichloroet...	0.815	0.752	0.755	0.754	0.797	0.775		3.80
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.344	0.306	0.318	0.316	0.322	0.321		4.42
36) T	1,1-Dichloropr...	0.483	0.446	0.472	0.473	0.467	0.483	0.470	2.92
37) T	Ethyl Acetate	0.496	0.583	0.609	0.596	0.579	0.615	0.580	7.48
38) T	Carbon Tetrach...	0.366	0.375	0.389	0.393	0.382	0.384	0.382	2.57
39) T	Methylcyclohexane	0.503	0.531	0.607	0.599	0.575	0.615	0.572	7.92
40) TM	Benzene	1.401	1.485	1.520	1.485	1.428	1.542	1.477	3.63
41) T	Methacrylonitrile	0.345	0.332	0.325	0.327	0.322	0.342	0.332	2.80
42) TM	1,2-Dichloroet...	0.483	0.477	0.484	0.473	0.460	0.483	0.477	1.91
43) T	Isopropyl Acetate	0.802	0.920	0.903	0.903	0.878	0.915	0.887	4.97
44) TM	Trichloroethene	0.370	0.379	0.360	0.344	0.335	0.386	0.362	5.57
45) C	1,2-Dichloropr...	0.392	0.409	0.388	0.376	0.371	0.405	0.390	3.88#
46) T	Dibromomethane	0.239	0.262	0.255	0.244	0.237	0.261	0.249	4.39
47) T	Bromodichlorom...	0.384	0.463	0.461	0.453	0.446	0.467	0.446	7.01
48) T	Methyl methacr...	0.461	0.432	0.444	0.439	0.426	0.445	0.441	2.82
49) T	1,4-Dioxane	0.011	0.011	0.011	0.010	0.010	0.011	0.011	4.74
50) S	Toluene-d8	1.237	1.249	1.258	1.248	1.297	1.258		1.85
51) T	4-Methyl-2-Pen...	0.521	0.610	0.615	0.587	0.555	0.620	0.585	6.78
52) CM	Toluene	0.794	0.889	0.906	0.881	0.856	0.933	0.877	5.47#
53) T	t-1,3-Dichloro...	0.427	0.459	0.504	0.510	0.509	0.487	0.483	6.92
54) T	cis-1,3-Dichlo...	0.537	0.566	0.563	0.585	0.574	0.562	0.564	2.83
55) T	1,1,2-Trichlor...	0.356	0.395	0.378	0.363	0.346	0.377	0.369	4.81
56) T	Ethyl methacry...	0.491	0.606	0.628	0.615	0.614	0.649	0.601	9.28

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57)	T	1,3-Dichloropr...	0.539	0.670	0.635	0.631	0.608	0.654	0.623	7.42
58)	T	2-Chloroethyl ...	0.255	0.303	0.286	0.291	0.296	0.293	0.287	5.84
59)	T	2-Hexanone	0.398	0.473	0.478	0.464	0.423	0.487	0.454	7.78
60)	T	Dibromochlorom...	0.277	0.324	0.321	0.322	0.323	0.316	0.314	5.78
61)	T	1,2-Dibromoethane	0.327	0.368	0.380	0.379	0.364	0.386	0.367	5.77
62)	S	4-Bromofluorob...	0.442	0.456	0.466	0.469	0.467	0.460		2.41
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.295	0.286	0.283	0.285	0.276	0.305	0.288	3.60
65)	PM	Chlorobenzene	1.047	1.071	1.075	1.004	0.991	1.115	1.050	4.46
66)	T	1,1,1,2-Tetrac...	0.326	0.345	0.341	0.336	0.324	0.362	0.339	4.06
67)	C	Ethyl Benzene	1.816	1.970	1.950	1.900	1.804	1.990	1.905	4.17#
68)	T	m/p-Xylenes	0.694	0.724	0.742	0.709	0.679	0.751	0.717	3.87
69)	T	o-Xylene	0.656	0.754	0.731	0.688	0.680	0.742	0.708	5.53
70)	T	Styrene	1.088	1.203	1.212	1.149	1.127	1.212	1.165	4.46
71)	P	Bromoform	0.196	0.229	0.231	0.234	0.236	0.233	0.227	6.76
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.713	4.500	4.238	4.146	3.936	4.365	4.149	6.93
74)	T	N-amyl acetate	1.696	2.123	2.064	2.010	1.957	2.098	1.991	7.86
75)	P	1,1,2,2-Tetrac...	1.595	1.782	1.646	1.565	1.466	1.676	1.622	6.60
76)	T	1,2,3-Trichlor...	1.282	1.576	1.467	1.398	1.330	1.452	1.417	7.39
77)	T	Bromobenzene	0.878	1.006	0.907	0.876	0.861	0.941	0.911	5.98
78)	T	n-propylbenzene	4.566	5.354	5.124	5.160	4.772	5.153	5.021	5.82
79)	T	2-Chlorotoluene	2.853	3.231	3.021	2.968	2.908	3.167	3.025	4.88
80)	T	1,3,5-Trimethy...	3.169	3.788	3.565	3.387	3.284	3.599	3.465	6.57
81)	T	trans-1,4-Dich...	0.435	0.453	0.493	0.496	0.453	0.466		5.79
82)	T	4-Chlorotoluene	3.457	3.645	3.476	3.392	3.258	3.447	3.446	3.65
83)	T	tert-Butylbenzene	2.986	3.691	3.459	3.359	3.213	3.459	3.361	7.17
84)	T	1,2,4-Trimethy...	3.320	3.632	3.559	3.460	3.392	3.605	3.495	3.56
85)	T	sec-Butylbenzene	4.006	4.665	4.460	4.399	4.219	4.482	4.372	5.25
86)	T	p-Isopropyltol...	2.989	3.681	3.618	3.555	3.389	3.517	3.458	7.24
87)	T	1,3-Dichlorobe...	1.769	1.810	1.722	1.722	1.667	1.812	1.750	3.27
88)	T	1,4-Dichlorobe...	1.831	1.863	1.757	1.724	1.672	1.790	1.773	3.96
89)	T	n-Butylbenzene	3.036	3.302	3.245	3.357	3.288	3.207	3.239	3.46
90)	T	Hexachloroethane	0.464	0.509	0.526	0.568	0.559	0.511	0.523	7.21
91)	T	1,2-Dichlorobe...	1.842	1.826	1.738	1.680	1.597	1.759	1.740	5.28
92)	T	1,2-Dibromo-3-...	0.414	0.364	0.351	0.370	0.360	0.356	0.369	6.22
93)	T	1,2,4-Trichlor...	1.081	1.034	0.976	0.999	0.974	0.983	1.008	4.19
94)	T	Hexachlorobuta...	0.398	0.384	0.351	0.349	0.340	0.349	0.362	6.44
95)	T	Naphthalene	4.213	4.306	4.297	4.305	4.187	4.294	4.267	1.24
96)	T	1,2,3-Trichlor...	1.056	1.036	1.002	1.012	0.977	1.026	1.018	2.72

(#) = Out of Range