

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X062822W.M
 Title : SW846 8260
 Last Update : Wed Jun 29 05:54:51 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX029829.D 5 =VX029830.D 20 =VX029832.D 50 =VX029833.D 100 =VX029834.D 10 =VX029831.D

	Compound	1	5	20	50	100	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.422	0.415	0.529	0.536	0.499	0.523	0.488	11.23
3) P	Chloromethane	0.551	0.478	0.573	0.608	0.563	0.598	0.562	8.23
4) C	Vinyl Chloride	0.492	0.502	0.588	0.609	0.582	0.580	0.559	8.83#
5) T	Bromomethane		0.319	0.320	0.310	0.275	0.317	0.308	6.18
6) T	Chloroethane	0.383	0.355	0.315	0.329	0.221	0.356	0.327	17.39
7) T	Trichlorofluor...	0.693	0.684	0.736	0.764	0.716	0.710	0.717	4.08
8) T	Diethyl Ether	0.308	0.329	0.308	0.334	0.322	0.328	0.322	3.48
9) T	1,1,2-Trichlor...	0.534	0.492	0.506	0.514	0.479	0.483	0.501	4.14
10) T	Methyl Iodide		0.463	0.612	0.716	0.695	0.555	0.608	17.09
11) T	Tert butyl alc...		0.154	0.163	0.173	0.164	0.173	0.166	4.97
12) CM	1,1-Dichloroet...	0.527	0.481	0.532	0.532	0.510	0.507	0.515	3.87#
13) T	Acrolein		0.109	0.073	0.083	0.076	0.073	0.083	18.12
14) T	Allyl chloride	0.955	0.933	0.935	0.998	0.971	0.910	0.950	3.30
15) T	Acrylonitrile	0.382	0.388	0.377	0.409	0.389	0.373	0.386	3.33
16) T	Acetone	0.321	0.312	0.304	0.321	0.305	0.295	0.310	3.32
17) T	Carbon Disulfide	1.490	0.957	1.304	1.357	1.327	1.247	1.280	13.89
18) T	Methyl Acetate	1.057	0.960	0.893	0.988	0.931	0.898	0.955	6.50
19) T	Methyl tert-bu...	1.684	1.759	1.696	1.865	1.785	1.642	1.738	4.66
20) T	Methylene Chlo...	0.788	0.657	0.606	0.640	0.611	0.621	0.654	10.47
21) T	trans-1,2-Dich...	0.634	0.520	0.552	0.581	0.554	0.548	0.565	6.93
22) T	Diisopropyl ether	1.781	1.970	1.884	2.058	1.979	1.851	1.920	5.22
23) T	Vinyl Acetate	1.518	1.614	1.672	1.819	1.738	1.604	1.661	6.43
24) P	1,1-Dichloroet...	0.980	1.031	0.987	1.072	1.031	0.975	1.013	3.78
25) T	2-Butanone	0.549	0.533	0.521	0.570	0.537	0.515	0.537	3.70
26) T	2,2-Dichloropr...	0.637	0.679	0.655	0.708	0.685	0.623	0.665	4.79
27) T	cis-1,2-Dichlo...	0.665	0.640	0.658	0.700	0.680	0.658	0.667	3.08
28) T	Bromochloromet...	0.438	0.451	0.376	0.425	0.400	0.345	0.406	9.89
29) T	Tetrahydrofuran	0.349	0.338	0.348	0.380	0.364	0.344	0.354	4.41
30) C	Chloroform	0.908	1.018	0.988	1.056	1.022	0.966	0.993	5.23#
31) T	Cyclohexane		0.792	0.927	0.927	0.884	0.882	0.882	6.25
32) T	1,1,1-Trichlor...	0.797	0.769	0.791	0.828	0.811	0.748	0.791	3.65
33) S	1,2-Dichloroet...		0.693	0.610	0.675	0.630	0.556	0.633	8.57
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.337	0.311	0.324	0.312	0.278	0.312	7.12
36) T	1,1-Dichloropr...	0.433	0.394	0.415	0.429	0.415	0.406	0.416	3.44
37) T	Ethyl Acetate	0.571	0.557	0.547	0.602	0.583	0.551	0.568	3.74
38) T	Carbon Tetrach...	0.360	0.343	0.361	0.379	0.378	0.340	0.360	4.65
39) T	Methylcyclohexane	0.482	0.478	0.527	0.532	0.508	0.488	0.502	4.67
40) TM	Benzene	1.346	1.316	1.342	1.398	1.360	1.301	1.344	2.54
41) T	Methacrylonitrile	0.292	0.299	0.298	0.324	0.313	0.286	0.302	4.66
42) TM	1,2-Dichloroet...	0.391	0.406	0.410	0.445	0.426	0.397	0.412	4.76
43) T	Isopropyl Acetate	0.866	0.818	0.837	0.916	0.897	0.802	0.856	5.25
44) TM	Trichloroethene	0.437	0.370	0.345	0.350	0.340	0.329	0.362	10.82
45) C	1,2-Dichloropr...	0.344	0.368	0.350	0.372	0.357	0.341	0.355	3.56#
46) T	Dibromomethane	0.228	0.225	0.231	0.247	0.237	0.226	0.232	3.60
47) T	Bromodichlorom...	0.409	0.401	0.413	0.448	0.437	0.390	0.416	5.32
48) T	Methyl methacr...	0.394	0.387	0.403	0.438	0.426	0.387	0.406	5.31
49) T	1,4-Dioxane	0.009	0.010	0.010	0.010	0.010	0.009	0.010	4.17
50) S	Toluene-d8		1.184	1.204	1.242	1.188	1.044	1.172	6.43
51) T	4-Methyl-2-Pen...	0.543	0.563	0.562	0.608	0.564	0.546	0.564	4.14
52) CM	Toluene	0.779	0.802	0.818	0.864	0.826	0.777	0.811	4.04#
53) T	t-1,3-Dichloro...	0.426	0.412	0.434	0.492	0.494	0.403	0.444	8.99
54) T	cis-1,3-Dichlo...	0.469	0.480	0.497	0.547	0.543	0.472	0.501	7.04
55) T	1,1,2-Trichlor...	0.348	0.374	0.342	0.372	0.353	0.330	0.353	4.91
56) T	Ethyl methacry...	0.515	0.547	0.548	0.607	0.592	0.532	0.557	6.35

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57)	T	1,3-Dichloropr...	0.558	0.577	0.557	0.597	0.572	0.549	0.568	3.03
58)	T	2-Chloroethyl ...	0.269	0.276	0.260	0.282	0.259	0.249	0.266	4.63
59)	T	2-Hexanone	0.419	0.437	0.437	0.475	0.438	0.422	0.438	4.50
60)	T	Dibromochlorom...	0.312	0.289	0.306	0.339	0.339	0.289	0.312	7.18
61)	T	1,2-Dibromoethane	0.377	0.355	0.354	0.379	0.369	0.332	0.361	4.88
62)	S	4-Bromofluorob...	0.398	0.421	0.448	0.445	0.360	0.414		8.81
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.333	0.304	0.300	0.296	0.290	0.286	0.302	5.51
65)	PM	Chlorobenzene	1.080	0.996	0.971	1.020	0.992	0.964	1.004	4.21
66)	T	1,1,1,2-Tetrac...	0.311	0.339	0.334	0.361	0.353	0.315	0.335	5.91
67)	C	Ethyl Benzene	1.781	1.711	1.762	1.799	1.742	1.681	1.746	2.53#
68)	T	m/p-Xylenes	0.666	0.671	0.672	0.692	0.666	0.650	0.670	1.99
69)	T	o-Xylene	0.692	0.666	0.681	0.702	0.679	0.650	0.678	2.75
70)	T	Styrene	1.146	1.102	1.115	1.168	1.146	1.049	1.121	3.78
71)	P	Bromoform	0.216	0.221	0.234	0.270	0.276	0.218	0.239	11.36
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.673	3.695	3.607	3.656	3.556	3.520	3.618	1.92
74)	T	N-amyl acetate	1.675	1.784	1.776	1.956	1.861	1.695	1.791	5.86
75)	P	1,1,2,2-Tetrac...	1.483	1.516	1.359	1.451	1.358	1.379	1.424	4.79
76)	T	1,2,3-Trichlor...	1.242	1.217	1.153	1.258	1.184	1.127	1.197	4.30
77)	T	Bromobenzene	0.931	0.866	0.836	0.891	0.868	0.829	0.870	4.31
78)	T	n-propylbenzene	4.314	4.265	4.275	4.410	4.249	4.089	4.267	2.45
79)	T	2-Chlorotoluene	2.624	2.545	2.495	2.596	2.527	2.434	2.537	2.71
80)	T	1,3,5-Trimethy...	3.036	3.107	2.966	3.060	2.957	2.894	3.003	2.60
81)	T	trans-1,4-Dich...	0.338	0.352	0.432	0.439	0.324	0.377		14.48
82)	T	4-Chlorotoluene	3.130	2.919	2.803	2.912	2.857	2.721	2.890	4.80
83)	T	tert-Butylbenzene	3.078	3.036	2.942	3.052	2.892	2.860	2.977	3.05
84)	T	1,2,4-Trimethy...	2.983	3.097	2.998	3.098	2.975	2.901	3.009	2.54
85)	T	sec-Butylbenzene	3.702	3.899	3.764	3.868	3.740	3.532	3.751	3.51
86)	T	p-Isopropyltol...	2.813	3.085	3.003	3.134	3.027	2.902	2.994	3.96
87)	T	1,3-Dichlorobe...	1.828	1.751	1.601	1.670	1.630	1.544	1.671	6.22
88)	T	1,4-Dichlorobe...	2.000	1.751	1.599	1.686	1.632	1.562	1.705	9.34
89)	T	n-Butylbenzene	2.947	2.947	2.717	2.912	2.835	2.527	2.814	5.88
90)	T	Hexachloroethane	0.516	0.490	0.462	0.509	0.526	0.427	0.488	7.66
91)	T	1,2-Dichlorobe...	1.693	1.741	1.595	1.674	1.559	1.587	1.641	4.36
92)	T	1,2-Dibromo-3-...	0.326	0.291	0.282	0.308	0.308	0.270	0.298	6.83
93)	T	1,2,4-Trichlor...	1.098	0.989	0.961	1.009	0.978	0.934	0.995	5.68
94)	T	Hexachlorobuta...	0.448	0.374	0.344	0.360	0.342	0.340	0.368	11.20
95)	T	Naphthalene	4.052	4.118	3.973	4.240	4.007	3.840	4.038	3.35
96)	T	1,2,3-Trichlor...	1.058	1.027	0.987	1.043	1.002	0.993	1.018	2.82

(#) = Out of Range