

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X041922W.M
 Title : SW846 8260
 Last Update : Tue Apr 19 13:38:04 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX028150.D 5 =VX028151.D 20 =VX028152.D 50 =VX028153.D 100 =VX028154.D 150 =VX028155.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.378	0.325	0.368	0.287	0.288	0.290	0.323	12.92
3) P	Chloromethane	0.508	0.389	0.394	0.325	0.324	0.312	0.375	19.75
4) C	Vinyl Chloride	0.606	0.502	0.550	0.451	0.469	0.447	0.504	12.50#
5) T	Bromomethane		0.753	0.553	0.489	0.428	0.389	0.522	27.40
6) T	Chloroethane	0.791	0.463	0.457	0.356	0.359	0.341	0.461	36.90
7) T	Trichlorofluor...	1.293	1.185	1.265	1.001	0.996	0.929	1.112	13.99
8) T	Diethyl Ether	0.481	0.400	0.424	0.336	0.335	0.314	0.382	16.93
9) T	1,1,2-Trichlor...	0.445	0.401	0.421	0.327	0.410	0.426	0.405	10.16
10) T	Methyl Iodide		0.385	0.488	0.494	0.569	0.610	0.509	16.94
11) T	Tert butyl alc...		0.169	0.141	0.116	0.127	0.120	0.135	15.93
12) CM	1,1-Dichloroet...	0.430	0.391	0.382	0.312	0.388	0.402	0.384	10.18#
13) T	Acrolein		0.092	0.080	0.087	0.071	0.071	0.080	11.68
14) T	Allyl chloride	0.734	0.608	0.658	0.593	0.649	0.627	0.645	7.76
15) T	Acrylonitrile	0.290	0.255	0.282	0.256	0.263	0.247	0.266	6.41
16) T	Acetone	0.277	0.213	0.214	0.184	0.206	0.197	0.215	15.02
17) T	Carbon Disulfide	1.188	0.978	1.012	0.922	1.029	1.080	1.035	8.85
18) T	Methyl Acetate	0.682	0.550	0.624	0.518	0.567	0.537	0.580	10.68
19) T	Methyl tert-bu...	1.614	1.483	1.670	1.589	1.675	1.582	1.602	4.40
20) T	Methylene Chlo...	0.529	0.483	0.502	0.422	0.476	0.491	0.484	7.36
21) T	trans-1,2-Dich...	0.560	0.491	0.527	0.498	0.536	0.523	0.523	4.86
22) T	Diisopropyl ether	1.602	1.452	1.623	1.410	1.414	1.311	1.469	8.24
23) T	Vinyl Acetate	1.300	1.255	1.467	1.267	1.256	1.153	1.283	8.01
24) P	1,1-Dichloroet...	0.968	0.857	0.893	0.787	0.873	0.825	0.867	7.15
25) T	2-Butanone	0.420	0.383	0.438	0.371	0.367	0.339	0.386	9.44
26) T	2,2-Dichloropr...	0.890	0.810	0.910	0.808	0.852	0.810	0.847	5.30
27) T	cis-1,2-Dichlo...	0.681	0.605	0.636	0.589	0.626	0.601	0.623	5.31
28) T	Bromochloromet...	0.378	0.384	0.416	0.368	0.353	0.332	0.372	7.67
29) T	Tetrahydrofuran	0.286	0.249	0.282	0.239	0.238	0.217	0.252	10.72
30) C	Chloroform	1.091	1.027	1.144	1.002	1.026	0.959	1.041	6.33#
31) T	Cyclohexane		0.802	0.908	0.764	0.775	0.723	0.794	8.76
32) T	1,1,1-Trichlor...	0.908	0.917	1.018	0.920	0.973	0.922	0.943	4.61
33) S	1,2-Dichloroet...		0.697	0.728	0.629	0.630	0.576	0.652	9.31
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.342	0.352	0.335	0.372	0.352	0.351	3.99
36) T	1,1-Dichloropr...	0.471	0.454	0.451	0.431	0.482	0.456	0.457	3.80
37) T	Ethyl Acetate	0.487	0.460	0.500	0.442	0.462	0.434	0.464	5.43
38) T	Carbon Tetrach...	0.496	0.459	0.512	0.504	0.572	0.555	0.516	7.97
39) T	Methylcyclohexane	0.587	0.547	0.606	0.549	0.599	0.574	0.577	4.30
40) TM	Benzene	1.345	1.306	1.397	1.295	1.391	1.299	1.339	3.45
41) T	Methacrylonitrile	0.240	0.241	0.259	0.227	0.241	0.228	0.239	4.85
42) TM	1,2-Dichloroet...	0.530	0.494	0.528	0.474	0.496	0.460	0.497	5.68
43) T	Isopropyl Acetate	0.799	0.751	0.796	0.710	0.761	0.716	0.755	5.03
44) TM	Trichloroethene	0.390	0.372	0.390	0.369	0.409	0.400	0.388	3.96
45) C	1,2-Dichloropr...	0.344	0.333	0.342	0.309	0.326	0.311	0.328	4.59#
46) T	Dibromomethane	0.267	0.245	0.266	0.242	0.267	0.254	0.257	4.47
47) T	Bromodichlorom...	0.486	0.466	0.510	0.482	0.521	0.501	0.494	4.06
48) T	Methyl methacr...	0.353	0.347	0.375	0.326	0.351	0.330	0.347	5.03
49) T	1,4-Dioxane	0.009	0.009	0.009	0.009	0.010	0.009	0.009	3.28
50) S	Toluene-d8		1.309	1.420	1.306	1.398	1.300	1.347	4.29
51) T	4-Methyl-2-Pen...	0.495	0.488	0.530	0.461	0.488	0.446	0.485	6.02
52) CM	Toluene	0.927	0.855	0.992	0.903	0.982	0.921	0.930	5.48#
53) T	t-1,3-Dichloro...	0.430	0.474	0.552	0.530	0.595	0.569	0.525	11.80
54) T	cis-1,3-Dichlo...	0.524	0.538	0.586	0.552	0.606	0.576	0.564	5.52
55) T	1,1,2-Trichlor...	0.353	0.360	0.404	0.362	0.403	0.386	0.378	5.96
56) T	Ethyl methacry...	0.463	0.494	0.597	0.543	0.608	0.581	0.548	10.72

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57)	T	1,3-Dichloropr...	0.606	0.602	0.654	0.579	0.629	0.590	0.610	4.49
58)	T	2-Chloroethyl ...	0.214	0.242	0.286	0.263	0.276	0.260	0.257	10.00
59)	T	2-Hexanone	0.363	0.379	0.412	0.362	0.388	0.349	0.375	6.06
60)	T	Dibromochlorom...	0.342	0.347	0.416	0.415	0.482	0.470	0.412	14.32
61)	T	1,2-Dibromoethane	0.372	0.375	0.441	0.412	0.456	0.432	0.415	8.44
62)	S	4-Bromofluorob...	0.451	0.520	0.510	0.572	0.523	0.515		8.38
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.413	0.373	0.407	0.363	0.402	0.386	0.391	5.12
65)	PM	Chlorobenzene	1.064	1.020	1.115	1.023	1.106	1.069	1.066	3.76
66)	T	1,1,1,2-Tetrac...	0.395	0.348	0.397	0.384	0.433	0.425	0.397	7.76
67)	C	Ethyl Benzene	1.745	1.649	1.926	1.773	1.865	1.768	1.788	5.40#
68)	T	m/p-Xylenes	0.664	0.672	0.770	0.731	0.781	0.747	0.728	6.79
69)	T	o-Xylene	0.689	0.660	0.761	0.717	0.777	0.748	0.725	6.15
70)	T	Styrene	0.973	1.042	1.245	1.193	1.329	1.268	1.175	11.81
71)	P	Bromoform	0.237	0.252	0.297	0.316	0.388	0.388	0.313	20.72
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.579	3.363	3.777	3.211	3.409	3.281	3.437	6.07
74)	T	N-amyl acetate	1.182	1.198	1.327	1.116	1.174	1.130	1.188	6.30
75)	P	1,1,2,2-Tetrac...	1.241	1.107	1.239	1.027	1.058	1.019	1.115	9.08
76)	T	1,2,3-Trichlor...	0.963	1.032	1.125	0.938	0.956	0.890	0.984	8.43
77)	T	Bromobenzene	0.937	0.854	0.911	0.821	0.930	0.917	0.895	5.20
78)	T	n-propylbenzene	3.596	3.746	4.300	3.674	3.883	3.666	3.811	6.78
79)	T	2-Chlorotoluene	2.458	2.371	2.600	2.225	2.344	2.219	2.369	6.12
80)	T	1,3,5-Trimethy...	2.851	2.751	3.218	2.821	2.995	2.867	2.917	5.74
81)	T	trans-1,4-Dich...	0.272	0.329	0.323	0.367	0.364	0.331		11.55
82)	T	4-Chlorotoluene	2.721	2.692	3.015	2.605	2.741	2.601	2.729	5.57
83)	T	tert-Butylbenzene	2.921	2.884	3.216	2.845	3.075	2.932	2.979	4.70
84)	T	1,2,4-Trimethy...	2.658	2.772	3.257	2.845	3.021	2.847	2.900	7.27
85)	T	sec-Butylbenzene	3.403	3.418	3.966	3.479	3.746	3.552	3.594	6.14
86)	T	p-Isopropyltol...	2.751	2.910	3.440	3.067	3.282	3.154	3.100	8.05
87)	T	1,3-Dichlorobe...	1.578	1.642	1.782	1.619	1.758	1.712	1.682	4.84
88)	T	1,4-Dichlorobe...	1.839	1.728	1.821	1.658	1.793	1.756	1.766	3.77
89)	T	n-Butylbenzene	2.376	2.325	2.798	2.515	2.680	2.581	2.546	7.05
90)	T	Hexachloroethane	0.388	0.397	0.538	0.513	0.578	0.573	0.498	17.03
91)	T	1,2-Dichlorobe...	1.701	1.599	1.792	1.598	1.684	1.649	1.671	4.38
92)	T	1,2-Dibromo-3-...	0.261	0.214	0.276	0.236	0.254	0.248	0.248	8.62
93)	T	1,2,4-Trichlor...	0.982	0.850	1.011	0.933	1.083	1.104	0.994	9.52
94)	T	Hexachlorobuta...	0.505	0.386	0.450	0.403	0.455	0.461	0.443	9.73
95)	T	Naphthalene	2.994	2.912	3.582	3.277	3.586	3.510	3.310	9.07
96)	T	1,2,3-Trichlor...	0.927	0.833	0.996	0.933	1.083	1.080	0.975	9.96

(#) = Out of Range