

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
 Method File : 82X121820W.M
 Title : SW846 8260
 Last Update : Fri Dec 18 13:09:49 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX020116.D 5 =VX020117.D 20 =VX020118.D 50 =VX020119.D 100 =VX020120.D 150 =VX020121.D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.526	0.606	0.486	0.509	0.580	0.551	0.543	8.24
3) P	Chloromethane	0.692	0.699	0.565	0.620	0.603	0.599	0.630	8.59
4) C	Vinyl Chloride	0.740	0.763	0.608	0.641	0.696	0.667	0.686	8.57#
5) T	Bromomethane		0.255	0.250	0.208	0.196	0.190	0.220	13.85
6) T	Chloroethane	0.445	0.477	0.390	0.430	0.429	0.392	0.427	7.71
7) T	Trichlorofluor...	0.943	1.007	0.766	0.810	0.901	0.865	0.882	10.00
8) T	Diethyl Ether	0.391	0.411	0.356	0.412	0.376	0.358	0.384	6.46
9) T	1,1,2-Trichlor...	0.556	0.567	0.418	0.456	0.506	0.492	0.499	11.46
10) T	Methyl Iodide		0.534	0.499	0.660	0.721	0.696	0.622	16.02
11) T	Tert butyl alc...		0.188	0.137	0.145	0.140	0.140	0.150	14.29
12) CM	1,1-Dichloroet...	0.567	0.561	0.442	0.477	0.516	0.501	0.511	9.47#
13) T	Acrolein		0.106	0.080	0.095	0.094	0.094	0.094	9.97
14) T	Allyl chloride	0.982	0.930	0.802	0.921	0.914	0.890	0.906	6.58
15) T	Acrylonitrile	0.355	0.359	0.322	0.369	0.340	0.327	0.345	5.43
16) T	Acetone	0.380	0.328	0.287	0.308	0.274	0.257	0.306	14.45
17) T	Carbon Disulfide	1.766	1.578	1.261	1.406	1.545	1.496	1.509	11.25
18) T	Methyl Acetate	0.740	0.708	0.625	0.719	0.661	0.638	0.682	6.87
19) T	Methyl tert-bu...	1.847	2.009	1.773	2.088	1.910	1.844	1.912	6.13
20) T	Methylene Chlo...	0.825	0.747	0.608	0.700	0.640	0.614	0.689	12.40
21) T	trans-1,2-Dich...	0.696	0.677	0.540	0.611	0.609	0.584	0.620	9.37
22) T	Diisopropyl ether	1.773	1.971	1.717	2.003	1.857	1.781	1.850	6.23
23) T	Vinyl Acetate	1.413	1.620	1.479	1.767	1.622	1.560	1.577	7.87
24) P	1,1-Dichloroet...	1.122	1.185	0.992	1.119	1.079	1.042	1.090	6.21
25) T	2-Butanone	0.457	0.460	0.422	0.473	0.439	0.419	0.445	4.97
26) T	2,2-Dichloropr...	0.924	0.974	0.804	0.886	0.919	0.888	0.899	6.31
27) T	cis-1,2-Dichlo...	0.717	0.748	0.634	0.728	0.697	0.673	0.699	5.88
28) T	Bromochloromet...	0.492	0.488	0.477	0.502	0.477	0.476	0.485	2.16
29) T	Tetrahydrofuran	0.283	0.281	0.261	0.302	0.283	0.270	0.280	4.95
30) C	Chloroform	1.118	1.202	1.024	1.161	1.100	1.052	1.109	6.00#
31) T	Cyclohexane		1.036	0.797	0.858	0.979	0.952	0.924	10.40
32) T	1,1,1-Trichlor...	0.953	0.994	0.820	0.905	0.956	0.923	0.925	6.49
33) S	1,2-Dichloroet...		0.702	0.614	0.701	0.663	0.672	0.670	5.35
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.330	0.285	0.321	0.327	0.336	0.320	6.30
36) T	1,1-Dichloropr...	0.531	0.562	0.419	0.449	0.510	0.494	0.494	10.70
37) T	Ethyl Acetate	0.554	0.520	0.457	0.528	0.521	0.501	0.514	6.36
38) T	Carbon Tetrach...	0.483	0.523	0.393	0.435	0.499	0.486	0.470	10.06
39) T	Methylcyclohexane	0.593	0.642	0.456	0.501	0.624	0.606	0.570	13.05
40) TM	Benzene	1.615	1.700	1.364	1.525	1.538	1.488	1.538	7.41
41) T	Methacrylonitrile	0.261	0.287	0.245	0.293	0.280	0.275	0.274	6.46
42) TM	1,2-Dichloroet...	0.528	0.586	0.484	0.544	0.522	0.503	0.528	6.65
43) T	Isopropyl Acetate	0.791	0.834	0.724	0.845	0.844	0.826	0.811	5.79
44) TM	Trichloroethene	0.447	0.438	0.340	0.376	0.398	0.387	0.398	10.11
45) C	1,2-Dichloropr...	0.393	0.424	0.350	0.396	0.391	0.379	0.389	6.23#
46) T	Dibromomethane	0.291	0.284	0.234	0.271	0.262	0.254	0.266	7.74
47) T	Bromodichlorom...	0.492	0.523	0.449	0.529	0.532	0.517	0.507	6.28
48) T	Methyl methacr...	0.363	0.402	0.358	0.423	0.424	0.414	0.397	7.46
49) T	1,4-Dioxane	0.009	0.010	0.008	0.010	0.010	0.010	0.009	6.02
50) S	Toluene-d8		1.282	1.090	1.212	1.278	1.293	1.231	6.90
51) T	4-Methyl-2-Pen...	0.460	0.519	0.464	0.531	0.525	0.513	0.502	6.31
52) CM	Toluene	0.900	1.043	0.846	0.941	0.966	0.936	0.939	7.01#
53) T	t-1,3-Dichloro...	0.501	0.556	0.484	0.593	0.614	0.598	0.558	9.73
54) T	cis-1,3-Dichlo...	0.560	0.623	0.547	0.650	0.655	0.638	0.612	7.64
55) T	1,1,2-Trichlor...	0.393	0.413	0.350	0.400	0.393	0.373	0.387	5.74

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56)	T	Ethyl methacry...	0.456	0.565	0.506	0.615	0.631	0.627	0.567	12.74
57)	T	1,3-Dichloropr...	0.645	0.713	0.600	0.686	0.669	0.641	0.659	5.99
58)	T	2-Chloroethyl ...	0.297	0.314	0.265	0.315	0.308	0.300	0.300	6.16
59)	T	2-Hexanone	0.333	0.394	0.354	0.404	0.407	0.403	0.382	8.15
60)	T	Dibromochlorom...	0.342	0.390	0.339	0.407	0.417	0.409	0.384	9.11
61)	T	1,2-Dibromoethane	0.399	0.422	0.369	0.422	0.415	0.399	0.404	4.97
62)	S	4-Bromofluorob...	0.458	0.403	0.464	0.499	0.532	0.471		10.23

63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.446	0.443	0.322	0.336	0.357	0.356	0.377	14.34
65)	PM	Chlorobenzene	1.120	1.216	0.945	1.045	1.059	1.051	1.073	8.38
66)	T	1,1,1,2-Tetrac...	0.369	0.421	0.339	0.384	0.400	0.398	0.385	7.44
67)	C	Ethyl Benzene	1.865	2.063	1.640	1.823	1.953	1.908	1.875	7.56#
68)	T	m/p-Xylenes	0.645	0.784	0.623	0.693	0.740	0.715	0.700	8.56
69)	T	o-Xylene	0.646	0.726	0.592	0.678	0.703	0.698	0.674	7.18
70)	T	Styrene	1.009	1.164	1.019	1.179	1.232	1.231	1.139	8.85
71)	P	Bromoform	0.264	0.287	0.252	0.300	0.334	0.352	0.298	13.10

72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.622	4.149	3.230	3.461	3.648	3.542	3.609	8.43
74)	T	N-amyl acetate	1.278	1.462	1.287	1.535	1.565	1.600	1.455	9.67
75)	P	1,1,2,2-Tetrac...	1.366	1.476	1.197	1.300	1.273	1.251	1.310	7.50
76)	T	1,2,3-Trichlor...	1.339	1.390	1.114	1.212	1.195	1.140	1.232	8.94
77)	T	Bromobenzene	1.049	1.080	0.832	0.910	0.944	0.908	0.954	9.84
78)	T	n-propylbenzene	4.154	4.702	3.643	3.991	4.317	4.147	4.159	8.43
79)	T	2-Chlorotoluene	2.686	2.921	2.328	2.535	2.580	2.509	2.593	7.66
80)	T	1,3,5-Trimethy...	2.848	3.440	2.765	3.015	3.200	3.084	3.059	7.99
81)	T	trans-1,4-Dich...	0.377	0.347	0.431	0.455	0.466	0.415		12.34
82)	T	4-Chlorotoluene	3.110	3.405	2.658	2.988	3.043	2.969	3.029	7.97
83)	T	tert-Butylbenzene	2.861	3.271	2.562	2.812	3.082	3.024	2.935	8.37
84)	T	1,2,4-Trimethy...	2.888	3.437	2.792	3.148	3.232	3.132	3.105	7.55
85)	T	sec-Butylbenzene	3.301	3.814	2.896	3.152	3.618	3.543	3.387	9.91
86)	T	p-Isopropyltol...	2.937	3.457	2.702	3.014	3.337	3.296	3.124	9.18
87)	T	1,3-Dichlorobe...	1.874	1.884	1.471	1.670	1.684	1.650	1.705	9.09
88)	T	1,4-Dichlorobe...	2.068	1.991	1.502	1.691	1.715	1.706	1.779	11.85
89)	T	n-Butylbenzene	2.648	2.873	2.241	2.579	3.045	3.035	2.737	11.33
90)	T	Hexachloroethane	0.521	0.575	0.446	0.503	0.592	0.596	0.539	10.96
91)	T	1,2-Dichlorobe...	1.845	1.901	1.497	1.650	1.649	1.639	1.697	8.80
92)	T	1,2-Dibromo-3-...	0.261	0.284	0.245	0.283	0.289	0.288	0.275	6.50
93)	T	1,2,4-Trichlor...	1.215	1.130	0.889	1.055	1.112	1.147	1.091	10.25
94)	T	Hexachlorobuta...	0.643	0.556	0.361	0.380	0.490	0.476	0.484	22.01
95)	T	Naphthalene	3.190	3.306	3.045	3.620	3.801	3.772	3.456	9.22
96)	T	1,2,3-Trichlor...	1.219	1.104	0.900	1.042	1.088	1.124	1.080	9.79

(#) = Out of Range