

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N122220w.M
 Title : Sw846 8260
 Last Update : Tue Dec 22 15:42:18 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN065192.D 5 =VN065193.D 20 =VN065199.D 50 =VN065195.D 100 =VN065196.D 150 =VN065197.D

Compound	1	5	20	50	100	150	Avg	%RSD
-----ISTD-----								
1) I Pentafluorobenzene								
2) T Dichlorodifluo...	0.401	0.427	0.474	0.493	0.493	0.488	0.463	8.50
3) P Chloromethane	0.483	0.491	0.534	0.549	0.554	0.549	0.527	5.97
4) C Vinyl Chloride	0.494	0.533	0.541	0.578	0.574	0.567	0.548	5.91#
5) T Bromomethane		0.382	0.407	0.399	0.413	0.345	0.389	7.03
6) T Chloroethane	0.325	0.352	0.340	0.372	0.376	0.360	0.354	5.48
7) T Trichlorofluor...	0.745	0.824	0.806	0.849	0.859	0.834	0.820	5.00
8) T Diethyl Ether	0.349	0.317	0.302	0.322	0.329	0.317	0.323	4.82
9) T 1,1,2-Trichlor...	0.425	0.471	0.455	0.466	0.475	0.465	0.460	3.97
10) T Methyl Iodide		0.636	0.601	0.736	0.759	0.739	0.694	10.18
11) T Tert butyl alc...		0.093	0.084	0.096	0.096	0.093	0.092	5.20
12) CM 1,1-Dichloroet...	0.549	0.476	0.463	0.487	0.492	0.479	0.491	6.11#
13) T Acrolein		0.088	0.047	0.064	0.064	0.062	0.065	22.47
14) T Allyl chloride	0.784	0.787	0.784	0.833	0.843	0.827	0.810	3.41
15) T Acrylonitrile	0.199	0.225	0.210	0.234	0.236	0.234	0.223	6.82
16) T Acetone	0.344	0.248	0.253	0.244	0.248	0.222	0.260	16.34
17) T Carbon Disulfide	1.095	1.138	1.279	1.322	1.360	1.347	1.257	8.98
18) T Methyl Acetate	0.510	0.504	0.469	0.524	0.522	0.512	0.507	3.95
19) T Methyl tert-bu...	1.511	1.607	1.489	1.587	1.603	1.562	1.560	3.16
20) T Methylene Chlo...	0.699	0.544	0.495	0.520	0.527	0.519	0.551	13.49
21) T trans-1,2-Dich...	0.465	0.453	0.481	0.496	0.505	0.493	0.482	4.10
22) T Diisopropyl ether	1.577	1.667	1.547	1.624	1.638	1.616	1.611	2.68
23) T Vinyl Acetate	1.231	1.369	1.319	1.421	1.426	1.383	1.358	5.41
24) P 1,1-Dichloroet...	0.813	0.892	0.860	0.915	0.924	0.901	0.884	4.68
25) T 2-Butanone	0.293	0.320	0.304	0.331	0.335	0.319	0.317	5.02
26) T 2,2-Dichloropr...	0.877	0.839	0.806	0.847	0.862	0.836	0.844	2.87
27) T cis-1,2-Dichlo...	0.526	0.562	0.551	0.576	0.580	0.572	0.561	3.62
28) T Bromochloromet...	0.259	0.398	0.427	0.379	0.401	0.409	0.379	16.01
29) T Tetrahydrofuran	0.223	0.200	0.186	0.208	0.208	0.204	0.205	6.03
30) C Chloroform	0.883	0.903	0.872	0.932	0.947	0.923	0.910	3.22#
31) T Cyclohexane		0.936	0.803	0.815	0.816	0.798	0.833	6.92
32) T 1,1,1-Trichlor...	0.789	0.808	0.806	0.846	0.859	0.839	0.824	3.36
33) S 1,2-Dichloroet...		0.626	0.420	0.574	0.595	0.608	0.564	14.70
-----ISTD-----								
34) I 1,4-Difluorobenzene								
35) S Dibromofluorom...		0.320	0.230	0.306	0.322	0.330	0.302	13.58
36) T 1,1-Dichloropr...	0.426	0.437	0.451	0.460	0.480	0.473	0.455	4.57
37) T Ethyl Acetate	0.458	0.433	0.436	0.463	0.463	0.451	0.451	2.95
38) T Carbon Tetrach...	0.439	0.466	0.476	0.484	0.505	0.495	0.477	4.84
39) T Methylcyclohexane	0.483	0.511	0.563	0.566	0.579	0.575	0.546	7.25
40) TM Benzene	1.294	1.334	1.338	1.363	1.404	1.382	1.352	2.87
41) T Methacrylonitrile	0.293	0.223	0.207	0.227	0.231	0.225	0.234	12.79
42) TM 1,2-Dichloroet...	0.477	0.510	0.488	0.499	0.514	0.511	0.500	2.94
43) T Isopropyl Acetate	0.695	0.791	0.751	0.801	0.817	0.805	0.777	5.88
44) TM Trichloroethene	0.373	0.383	0.392	0.396	0.404	0.394	0.390	2.79
45) C 1,2-Dichloropr...	0.325	0.346	0.351	0.359	0.368	0.360	0.352	4.31#
46) T Dibromomethane	0.223	0.236	0.236	0.241	0.252	0.245	0.239	4.06
47) T Bromodichlorom...	0.465	0.500	0.496	0.512	0.526	0.522	0.503	4.38
48) T Methyl methacr...	0.352	0.378	0.361	0.383	0.396	0.392	0.377	4.55
49) T 1,4-Dioxane	0.006	0.006	0.006	0.006	0.006	0.006	0.006	6.06
50) S Toluene-d8		1.188	0.862	1.138	1.211	1.253	1.131	13.80
51) T 4-Methyl-2-Pen...	0.409	0.442	0.414	0.450	0.457	0.448	0.437	4.58
52) CM Toluene	0.772	0.828	0.848	0.868	0.902	0.896	0.852	5.70#
53) T t-1,3-Dichloro...	0.514	0.551	0.556	0.579	0.602	0.602	0.567	5.95
54) T cis-1,3-Dichlo...	0.567	0.591	0.594	0.607	0.634	0.626	0.603	4.07
55) T 1,1,2-Trichlor...	0.315	0.338	0.328	0.344	0.350	0.348	0.337	4.05
56) T Ethyl methacry...	0.465	0.524	0.502	0.533	0.553	0.556	0.522	6.56

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57)	T	1,3-Dichloropr...	0.480	0.564	0.552	0.572	0.587	0.585	0.557	7.15
58)	T	2-Chloroethyl ...	0.252	0.228	0.172	0.228	0.249	0.235	0.227	12.62
59)	T	2-Hexanone	0.277	0.315	0.313	0.336	0.344	0.340	0.321	7.83
60)	T	Dibromochlorom...	0.356	0.397	0.389	0.411	0.430	0.430	0.402	6.93
61)	T	1,2-Dibromoethane	0.329	0.365	0.349	0.370	0.380	0.379	0.362	5.51
62)	S	4-Bromofluorob...	0.427	0.320	0.423	0.460	0.490	0.424		15.16
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.522	0.527	0.490	0.475	0.458	0.442	0.486	7.06
65)	PM	Chlorobenzene	0.940	0.999	1.021	1.032	1.062	1.052	1.018	4.36
66)	T	1,1,1,2-Tetrac...	0.347	0.398	0.400	0.405	0.414	0.412	0.396	6.27
67)	C	Ethyl Benzene	1.734	1.796	1.842	1.856	1.902	1.873	1.834	3.28#
68)	T	m/p-Xylenes	0.622	0.680	0.694	0.701	0.724	0.724	0.691	5.50
69)	T	o-Xylene	0.604	0.673	0.671	0.682	0.698	0.697	0.671	5.17
70)	T	Styrene	0.940	1.070	1.128	1.155	1.207	1.214	1.119	9.19
71)	P	Bromoform	0.281	0.334	0.337	0.353	0.366	0.375	0.341	9.86
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.085	4.187	3.793	3.685	3.666	3.432	3.808	7.40
74)	T	N-aryl acetate	1.446	1.569	1.476	1.548	1.557	1.502	1.516	3.27
75)	P	1,1,2,2-Tetrac...	1.056	1.131	0.982	1.002	1.017	0.974	1.027	5.70
76)	T	1,2,3-Trichlor...	1.048	1.107	0.996	0.954	1.026	0.989	1.020	5.24
77)	T	Bromobenzene	1.030	1.059	0.984	0.975	0.981	0.942	0.995	4.24
78)	T	n-propylbenzene	4.516	4.504	4.287	4.219	4.274	3.995	4.299	4.52
79)	T	2-Chlorotoluene	2.554	2.752	2.481	2.502	2.513	2.388	2.532	4.79
80)	T	1,3,5-Trimethy...	3.452	3.474	3.229	3.155	3.172	3.003	3.247	5.63
81)	T	trans-1,4-Dich...	0.415	0.396	0.407	0.408	0.397	0.405		1.97
82)	T	4-Chlorotoluene	2.661	2.684	2.610	2.559	2.610	2.517	2.607	2.38
83)	T	tert-Butylbenzene	2.831	3.012	2.774	2.699	2.713	2.571	2.767	5.36
84)	T	1,2,4-Trimethy...	3.087	3.408	3.205	3.115	3.154	3.001	3.162	4.39
85)	T	sec-Butylbenzene	3.790	3.949	3.666	3.581	3.613	3.424	3.671	4.93
86)	T	p-Isopropyltol...	3.380	3.571	3.398	3.302	3.344	3.195	3.365	3.69
87)	T	1,3-Dichlorobe...	1.565	1.674	1.675	1.663	1.724	1.685	1.664	3.20
88)	T	1,4-Dichlorobe...	1.586	1.693	1.679	1.667	1.713	1.687	1.671	2.64
89)	T	n-Butylbenzene	2.660	2.993	2.959	2.890	2.895	2.862	2.876	4.06
90)	T	Hexachloroethane	0.501	0.561	0.586	0.591	0.626	0.605	0.579	7.51
91)	T	1,2-Dichlorobe...	1.454	1.643	1.607	1.621	1.648	1.619	1.598	4.53
92)	T	1,2-Dibromo-3-...	0.172	0.218	0.209	0.220	0.229	0.221	0.212	9.74
93)	T	1,2,4-Trichlor...	0.405	0.575	0.873	0.945	0.992	1.047	0.806	31.92
94)	T	Hexachlorobuta...	0.715	0.658	0.643	0.595	0.595	0.579	0.631	8.17
95)	T	Naphthalene	1.172	1.436	2.244	2.412	2.589	2.778	2.105	30.92
96)	T	1,2,3-Trichlor...	0.471	0.549	0.817	0.854	0.908	0.985	0.764	27.01

(#) = Out of Range