

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N062821W.M
 Title : SW846 8260
 Last Update : Mon Jun 28 14:31:03 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN067525.D 5 =VN067526.D 20 =VN067527.D 50 =VN067528.D 100 =VN067529.D 150 =VN067530.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.432	0.528	0.492	0.525	0.561	0.565	0.517	9.56
3) P	Chloromethane	0.667	0.721	0.600	0.598	0.582	0.567	0.623	9.50
4) C	Vinyl Chloride	0.792	0.971	0.841	0.826	0.801	0.790	0.837	8.20#
5) T	Bromomethane		0.738	0.640	0.623	0.628	0.450	0.616	16.90
6) T	Chloroethane	0.589	0.710	0.568	0.565	0.550	0.519	0.584	11.35
7) T	Trichlorofluor...	1.417	1.783	1.496	1.486	1.429	1.411	1.504	9.41
8) T	Diethyl Ether	0.335	0.402	0.322	0.340	0.344	0.349	0.348	7.89
9) T	1,1,2-Trichlor...	0.439	0.552	0.466	0.495	0.511	0.515	0.496	8.00
10) T	Methyl Iodide		0.585	0.554	0.643	0.720	0.734	0.647	12.30
11) T	Tert butyl alc...		0.113	0.098	0.101	0.100	0.100	0.102	5.81
12) CM	1,1-Dichloroet...	0.412	0.553	0.466	0.471	0.496	0.513	0.485	9.86#
13) T	Acrolein		0.089	0.062	0.065	0.068	0.068	0.071	15.18
14) T	Allyl chloride	0.746	0.893	0.760	0.785	0.787	0.788	0.793	6.55
15) T	Acrylonitrile	0.222	0.293	0.257	0.267	0.268	0.269	0.263	8.81
16) T	Acetone	0.270	0.269	0.209	0.205	0.201	0.201	0.226	15.00
17) T	Carbon Disulfide	1.245	1.490	1.258	1.356	1.419	1.441	1.368	7.33
18) T	Methyl Acetate	0.634	0.718	0.560	0.573	0.565	0.563	0.602	10.49
19) T	Methyl tert-bu...	1.659	2.065	1.779	1.871	1.908	1.885	1.861	7.29
20) T	Methylene Chlo...	0.819	0.723	0.563	0.584	0.597	0.589	0.646	15.82
21) T	trans-1,2-Dich...	0.471	0.608	0.513	0.558	0.578	0.575	0.550	9.04
22) T	Diisopropyl ether	1.524	1.946	1.646	1.743	1.756	1.721	1.723	8.07
23) T	Vinyl Acetate	1.212	1.589	1.388	1.484	1.505	1.487	1.444	9.02
24) P	1,1-Dichloroet...	0.916	1.141	0.980	1.001	1.002	0.992	1.005	7.35
25) T	2-Butanone	0.309	0.396	0.335	0.349	0.351	0.349	0.348	8.14
26) T	2,2-Dichloropr...	0.857	1.050	0.878	0.940	0.942	0.923	0.932	7.21
27) T	cis-1,2-Dichlo...	0.595	0.743	0.628	0.672	0.681	0.675	0.666	7.60
28) T	Bromochloromet...	0.472	0.541	0.450	0.438	0.451	0.471	0.470	7.85
29) T	Tetrahydrofuran	0.212	0.254	0.224	0.236	0.233	0.232	0.232	5.95
30) C	Chloroform	0.968	1.272	1.068	1.116	1.116	1.097	1.106	8.87#
31) T	Cyclohexane		1.270	0.941	0.930	0.926	0.909	0.995	15.49
32) T	1,1,1-Trichlor...	0.808	1.120	0.975	1.044	1.043	1.036	1.004	10.61
33) S	1,2-Dichloroet...		0.814	0.652	0.637	0.651	0.667	0.684	10.75
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.327	0.277	0.291	0.322	0.332	0.310	7.89
36) T	1,1-Dichloropr...	0.407	0.479	0.420	0.453	0.479	0.470	0.451	6.83
37) T	Ethyl Acetate	0.415	0.420	0.379	0.418	0.428	0.427	0.414	4.35
38) T	Carbon Tetrach...	0.388	0.505	0.445	0.504	0.536	0.523	0.484	11.59
39) T	Methylcyclohexane	0.471	0.582	0.514	0.561	0.578	0.573	0.546	8.16
40) TM	Benzene	1.204	1.465	1.262	1.390	1.455	1.425	1.367	7.94
41) T	Methacrylonitrile	0.211	0.215	0.191	0.206	0.207	0.209	0.207	3.95
42) TM	1,2-Dichloroet...	0.439	0.522	0.443	0.467	0.487	0.474	0.472	6.48
43) T	Isopropyl Acetate	0.601	0.756	0.669	0.724	0.749	0.750	0.708	8.71
44) TM	Trichloroethene	0.307	0.370	0.326	0.368	0.386	0.379	0.356	9.01
45) C	1,2-Dichloropr...	0.318	0.368	0.311	0.343	0.359	0.355	0.342	6.81#
46) T	Dibromomethane	0.208	0.257	0.227	0.249	0.263	0.258	0.244	8.89
47) T	Bromodichlorom...	0.399	0.499	0.446	0.500	0.526	0.521	0.482	10.23
48) T	Methyl methacr...	0.313	0.321	0.271	0.306	0.325	0.325	0.310	6.55
49) T	1,4-Dioxane	0.004	0.007	0.006	0.006	0.007	0.007	0.006	15.48
50) S	Toluene-d8		1.338	1.128	1.186	1.296	1.348	1.259	7.74
51) T	4-Methyl-2-Pen...	0.346	0.453	0.399	0.437	0.462	0.466	0.427	10.96
52) CM	Toluene	0.731	0.938	0.826	0.927	0.975	0.962	0.893	10.68#
53) T	t-1,3-Dichloro...	0.382	0.507	0.462	0.536	0.586	0.587	0.510	15.48
54) T	cis-1,3-Dichlo...	0.412	0.556	0.511	0.575	0.613	0.612	0.546	13.97
55) T	1,1,2-Trichlor...	0.281	0.373	0.325	0.361	0.378	0.373	0.348	10.97
56) T	Ethyl methacry...	0.399	0.537	0.479	0.548	0.598	0.600	0.527	14.56

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57)	T	1,3-Dichloropr...	0.452	0.613	0.530	0.577	0.608	0.604	0.564	11.15
58)	T	2-Chloroethyl ...	0.062	0.093	0.087	0.114	0.131	0.138	0.104	27.64
59)	T	2-Hexanone	0.250	0.314	0.273	0.309	0.331	0.333	0.302	11.03
60)	T	Dibromochlorom...	0.267	0.343	0.333	0.402	0.436	0.436	0.370	18.10
61)	T	1,2-Dibromoethane	0.282	0.366	0.327	0.374	0.395	0.396	0.357	12.50
62)	S	4-Bromofluorob...	0.444	0.378	0.410	0.471	0.497	0.440		10.79
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.289	0.385	0.333	0.371	0.367	0.357	0.350	9.89
65)	PM	Chlorobenzene	0.924	1.092	0.960	1.032	1.078	1.071	1.026	6.76
66)	T	1,1,1,2-Tetrac...	0.291	0.375	0.341	0.389	0.405	0.402	0.367	11.94
67)	C	Ethyl Benzene	1.595	1.953	1.716	1.912	1.980	1.956	1.852	8.57#
68)	T	m/p-Xylenes	0.593	0.737	0.665	0.745	0.774	0.764	0.713	9.84
69)	T	o-Xylene	0.588	0.730	0.654	0.738	0.763	0.764	0.706	9.95
70)	T	Styrene	0.828	1.146	1.045	1.208	1.285	1.289	1.134	15.50
71)	P	Bromoform	0.158	0.226	0.229	0.285	0.318	0.327	0.257	25.18
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.237	4.845	3.887	4.079	4.160	4.020	4.205	7.99
74)	T	N-amyl acetate	1.404	1.496	1.221	1.348	1.412	1.392	1.379	6.61
75)	P	1,1,2,2-Tetrac...	1.215	1.427	1.101	1.134	1.155	1.124	1.193	10.15
76)	T	1,2,3-Trichlor...	0.987	1.221	0.869	1.027	1.036	0.873	1.002	12.96
77)	T	Bromobenzene	0.882	1.032	0.838	0.918	0.973	0.954	0.933	7.36
78)	T	n-propylbenzene	4.417	5.413	4.345	4.594	4.750	4.598	4.686	8.19
79)	T	2-Chlorotoluene	2.980	3.334	2.602	2.730	2.818	2.714	2.863	9.19
80)	T	1,3,5-Trimethy...	3.187	3.923	3.246	3.433	3.506	3.380	3.446	7.60
81)	T	trans-1,4-Dich...	0.342	0.296	0.350	0.376	0.379	0.349		9.60
82)	T	4-Chlorotoluene	2.728	3.246	2.551	2.723	2.812	2.727	2.798	8.42
83)	T	tert-Butylbenzene	2.913	3.406	2.795	2.913	2.991	2.913	2.989	7.16
84)	T	1,2,4-Trimethy...	3.151	3.849	3.144	3.393	3.456	3.362	3.393	7.61
85)	T	sec-Butylbenzene	3.796	4.692	3.805	4.067	4.209	4.093	4.110	8.01
86)	T	p-Isopropyltol...	2.820	3.618	3.042	3.381	3.519	3.455	3.306	9.34
87)	T	1,3-Dichlorobe...	1.603	1.882	1.554	1.734	1.812	1.777	1.727	7.28
88)	T	1,4-Dichlorobe...	1.646	1.849	1.545	1.689	1.773	1.741	1.707	6.20
89)	T	n-Butylbenzene	2.522	2.958	2.420	2.688	2.889	2.881	2.726	8.06
90)	T	Hexachloroethane	0.470	0.608	0.529	0.595	0.646	0.642	0.582	11.92
91)	T	1,2-Dichlorobe...	1.446	1.800	1.536	1.674	1.748	1.669	1.645	8.05
92)	T	1,2-Dibromo-3-...	0.187	0.241	0.193	0.209	0.213	0.209	0.209	8.96
93)	T	1,2,4-Trichlor...	0.651	0.656	0.625	0.759	0.818	0.837	0.724	12.71
94)	T	Hexachlorobuta...	0.232	0.350	0.303	0.349	0.348	0.334	0.319	14.55
95)	T	Naphthalene	2.510	1.846	1.824	2.303	2.540	2.605	2.271	15.54
96)	T	1,2,3-Trichlor...	0.695	0.642	0.605	0.733	0.780	0.798	0.709	10.76

(#) = Out of Range