

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N032019W.M
 Title : SW846 8260
 Last Update : Fri Mar 22 02:09:07 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN054463.D 5 =VN054457.D 20 =VN054458.D
 50 =VN054459.D 100 =VN054460.D 150 =VN054461.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.471	0.433	0.513	0.493	0.487	0.472	0.478	5.66
3) P	Chloromethane	0.676	0.626	0.698	0.663	0.636	0.603	0.650	5.41
4) C	Vinyl Chloride	0.657	0.621	0.702	0.676	0.644	0.617	0.653	5.00#
5) T	Bromomethane	0.529	0.416	0.425	0.401	0.392	0.370	0.422	13.22
6) T	Chloroethane	0.428	0.396	0.399	0.391	0.379	0.356	0.392	6.06
7) T	Trichlorofluorome	0.784	0.805	0.848	0.809	0.775	0.737	0.793	4.70
8) T	Diethyl Ether	0.341	0.296	0.312	0.306	0.297	0.278	0.305	6.98
9) T	1,1,2-Trichlorotr	0.501	0.482	0.489	0.459	0.446	0.420	0.466	6.51
10) T	Methyl Iodide		0.592	0.709	0.718	0.716	0.692	0.686	7.74
11) T	Tert butyl alcoho		0.032	0.038	0.041	0.040	0.037	0.038	9.04
12) CM	1,1-Dichloroethen	0.538	0.490	0.496	0.484	0.454	0.431	0.482	7.63#
13) T	Acrolein		0.057	0.045	0.054	0.049	0.055	0.052	9.69
14) T	Allyl chloride	0.993	0.816	0.903	0.924	0.918	0.894	0.908	6.26
15) T	Acrylonitrile	0.182	0.173	0.192	0.199	0.193	0.186	0.188	4.98
16) T	Acetone	0.201	0.172	0.213	0.200	0.177	0.159	0.187	11.08
17) T	Carbon Disulfide	1.494	1.130	1.242	1.268	1.307	1.313	1.292	9.21
18) T	Methyl Acetate	0.463	0.382	0.408	0.432	0.415	0.400	0.417	6.72
19) T	Methyl tert-butyl	1.407	1.352	1.460	1.460	1.419	1.346	1.407	3.55
20) T	Methylene Chlorid	0.607	0.571	0.569	0.540	0.519	0.501	0.551	7.00
21) T	trans-1,2-Dichlor	0.476	0.479	0.515	0.509	0.493	0.482	0.492	3.31
22) T	Diisopropyl ether	1.737	1.725	1.843	1.851	1.835	1.757	1.791	3.22
23) T	Vinyl Acetate	1.078	1.126	1.300	1.381	1.375	1.330	1.265	10.30
24) P	1,1-Dichloroethan	0.948	0.959	1.003	0.993	0.961	0.922	0.964	3.09
25) T	2-Butanone	0.186	0.224	0.260	0.266	0.257	0.243	0.240	12.53
26) T	2,2-Dichloropropa	0.671	0.626	0.705	0.722	0.709	0.692	0.688	5.02
27) T	cis-1,2-Dichloroe	0.603	0.587	0.606	0.595	0.578	0.555	0.587	3.24
28) T	Bromochloromethan	0.462	0.449	0.507	0.494	0.480	0.456	0.475	4.82
29) T	Tetrahydrofuran	0.126	0.151	0.161	0.171	0.166	0.157	0.155	10.19
30) C	Chloroform	0.937	0.935	0.979	0.968	0.934	0.894	0.941	3.19#
31) T	Cyclohexane	1.891	1.081	0.996	0.941	0.923	0.892	1.121	34.18
32) T	1,1,1-Trichloroet	0.671	0.759	0.814	0.819	0.811	0.785	0.777	7.24
33) S	1,2-Dichloroethan		0.611	0.658	0.654	0.611	0.576	0.622	5.50
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.317	0.329	0.333	0.318	0.314	0.322	2.67
36) T	1,1-Dichloroprope	0.523	0.438	0.464	0.461	0.460	0.459	0.468	6.10
37) T	Ethyl Acetate	0.299	0.325	0.340	0.350	0.348	0.333	0.333	5.69
38) T	Carbon Tetrachlor	0.505	0.427	0.445	0.448	0.450	0.451	0.454	5.79
39) T	Methylcyclohexane	0.574	0.532	0.530	0.528	0.524	0.521	0.535	3.69
40) TM	Benzene	1.339	1.335	1.351	1.346	1.335	1.315	1.337	0.92
41) T	Methacrylonitrile	0.250	0.164	0.199	0.201	0.204	0.198	0.203	13.59
42) TM	1,2-Dichloroethan	0.521	0.497	0.492	0.481	0.474	0.456	0.487	4.53
43) T	Isopropyl Acetate	0.512	0.502	0.546	0.595	0.611	0.604	0.562	8.59
44) TM	Trichloroethene	0.391	0.364	0.381	0.368	0.366	0.360	0.372	3.20
45) C	1,2-Dichloropropa	0.340	0.345	0.372	0.372	0.365	0.360	0.359	3.77#
46) T	Dibromomethane	0.209	0.211	0.216	0.219	0.218	0.212	0.214	1.92
47) T	Bromodichlorometh	0.421	0.427	0.445	0.456	0.460	0.458	0.444	3.80
48) T	Methyl methacryla	0.314	0.265	0.297	0.313	0.319	0.321	0.305	7.01
49) T	1,4-Dioxane	0.003	0.003	0.003	0.004	0.004	0.003	0.003	3.84
50) S	Toluene-d8		1.192	1.236	1.237	1.202	1.188	1.211	1.97
51) T	4-Methyl-2-Pentan	0.265	0.285	0.316	0.336	0.338	0.329	0.311	9.65
52) CM	Toluene	0.817	0.804	0.832	0.829	0.828	0.823	0.822	1.26#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.336	0.332	0.400	0.451	0.479	0.486	0.414	16.72
54) T	cis-1,3-Dichlorop	0.432	0.452	0.519	0.541	0.559	0.555	0.510	10.74
55) T	1,1,2-Trichloroet	0.288	0.291	0.296	0.304	0.299	0.294	0.296	1.98
56) T	Ethyl methacrylat	0.334	0.354	0.390	0.424	0.440	0.439	0.397	11.40
57) T	1,3-Dichloropropa	0.498	0.496	0.523	0.526	0.520	0.520	0.514	2.57
58) T	2-Chloroethyl Vin	0.134	0.142	0.154	0.175	0.188	0.186	0.163	14.19
59) T	2-Hexanone	0.174	0.182	0.204	0.217	0.225	0.218	0.203	10.25
60) T	Dibromochlorometh	0.255	0.285	0.310	0.335	0.347	0.355	0.315	12.37
61) T	1,2-Dibromoethane	0.261	0.280	0.298	0.305	0.306	0.304	0.292	6.22
62) S	4-Bromofluorobenz		0.378	0.419	0.421	0.424	0.419	0.412	4.64
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.462	0.443	0.426	0.406	0.381	0.371	0.415	8.60
65) PM	Chlorobenzene	1.042	1.033	1.018	1.008	1.006	0.995	1.017	1.74
66) T	1,1,1,2-Tetrachlo	0.324	0.356	0.373	0.377	0.383	0.377	0.365	6.03
67) C	Ethyl Benzene	1.819	1.815	1.801	1.789	1.785	1.769	1.796	1.07#
68) T	m/p-Xylenes	0.666	0.702	0.689	0.678	0.677	0.670	0.680	1.96
69) T	o-Xylene	0.681	0.673	0.672	0.661	0.656	0.644	0.664	2.03
70) T	Stvrene	1.015	1.035	1.088	1.108	1.118	1.111	1.079	4.05
71) P	Bromoform	0.169	0.187	0.217	0.239	0.258	0.261	0.222	16.99
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.781	4.470	4.063	3.693	3.605	3.563	4.029	12.51
74) T	N-amyl acetate	0.992	1.087	1.223	1.204	1.234	1.211	1.159	8.43
75) P	1,1,2,2-Tetrachlo	0.988	0.966	0.926	0.897	0.885	0.857	0.920	5.43
76) T	1,2,3-Trichloropr	0.899	0.793	0.812	0.768	0.749	0.740	0.793	7.34
77) T	Bromobenzene	1.187	1.070	0.977	0.933	0.918	0.911	0.999	10.90
78) T	n-propylbenzene	4.949	4.792	4.389	4.088	4.016	3.980	4.369	9.55
79) T	2-Chlorotoluene	3.347	2.974	2.717	2.493	2.426	2.391	2.724	13.77
80) T	1,3,5-Trimethylbe	3.786	3.588	3.319	3.095	3.027	2.997	3.302	9.83
81) T	trans-1,4-Dichlor	0.190	0.163	0.185	0.210	0.238	0.243	0.205	15.35
82) T	4-Chlorotoluene	2.948	2.773	2.639	2.496	2.512	2.477	2.641	7.11
83) T	tert-Butylbenzene	3.384	3.234	2.877	2.684	2.565	2.502	2.874	12.64
84) T	1,2,4-Trimethylbe	3.626	3.463	3.263	3.096	3.003	2.990	3.240	8.03
85) T	sec-Butylbenzene	4.285	3.862	3.578	3.331	3.237	3.206	3.583	11.82
86) T	p-Isopropyltoluen	3.655	3.348	3.208	3.051	2.997	2.976	3.206	8.17
87) T	1,3-Dichlorobenze	1.856	1.691	1.648	1.605	1.585	1.551	1.656	6.61
88) T	1,4-Dichlorobenze	1.849	1.580	1.589	1.562	1.556	1.531	1.611	7.33
89) T	n-Butylbenzene	2.594	2.508	2.464	2.500	2.497	2.478	2.507	1.83
90) T	Hexachloroethane	0.494	0.490	0.481	0.488	0.510	0.522	0.498	3.09
91) T	1,2-Dichlorobenze	1.752	1.655	1.645	1.564	1.528	1.478	1.604	6.20
92) T	1,2-Dibromo-3-Chl	0.115	0.129	0.136	0.147	0.143	0.139	0.135	8.61
93) T	1,2,4-Trichlorobe	0.809	0.622	0.792	0.836	0.858	0.880	0.800	11.58
94) T	Hexachlorobutadie	0.726	0.563	0.507	0.471	0.440	0.431	0.523	21.12
95) T	Naphthalene	1.755	1.321	1.706	1.889	1.997	2.034	1.783	14.63
96) T	1,2,3-Trichlorobe	0.823	0.662	0.790	0.834	0.833	0.832	0.796	8.48

(#) = Out of Range