

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N120919W.M
 Title : SW846 8260
 Last Update : Tue Dec 10 01:09:52 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN059533.D 5 =VN059534.D 20 =VN059528.D
 50 =VN059529.D 100 =VN059530.D 150 =VN059531.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.537	0.692	0.569	0.495	0.613	0.554	0.577	11.85
3) P	Chloromethane	0.904	0.957	0.919	0.756	0.890	0.811	0.873	8.54
4) C	Vinyl Chloride	0.815	0.955	0.867	0.757	0.937	0.832	0.860	8.76#
5) T	Bromomethane		0.612	0.529	0.447	0.544	0.489	0.524	11.82
6) T	Chloroethane	0.530	0.554	0.528	0.438	0.539	0.493	0.514	8.18
7) T	Trichlorofluorome	0.914	1.120	1.099	0.898	1.125	1.015	1.029	10.00
8) T	Diethyl Ether	0.364	0.434	0.337	0.283	0.365	0.333	0.353	14.09
9) T	1,1,2-Trichlorotr	0.459	0.702	0.535	0.447	0.561	0.508	0.535	17.28
10) T	Methyl Iodide		0.872	0.687	0.603	0.762	0.700	0.725	13.80
11) T	Tert butyl alcoho		0.117	0.115	0.095	0.127	0.124	0.116	10.76
12) CM	1,1-Dichloroethen	0.452	0.703	0.497	0.421	0.547	0.502	0.520	19.15#
13) T	Acrolein		0.087	0.034	0.033	0.055	0.071	0.056	41.79
14) T	Allyl chloride	0.967	1.068	0.993	0.865	1.100	1.013	1.001	8.25
15) T	Acrylonitrile	0.258	0.319	0.312	0.271	0.344	0.325	0.305	10.91
16) T	Acetone	0.395	0.395	0.304	0.256	0.315	0.294	0.326	17.38
17) T	Carbon Disulfide	2.693	2.460	1.671	1.434	1.759	1.610	1.938	26.38
18) T	Methyl Acetate	0.919	0.911	0.845	0.711	0.908	0.848	0.857	9.16
19) T	Methyl tert-butyl	1.411	1.783	1.779	1.553	1.998	1.855	1.730	12.29
20) T	Methylene Chlorid	0.898	0.755	0.613	0.510	0.630	0.575	0.664	21.15
21) T	trans-1,2-Dichlor	0.553	0.579	0.560	0.480	0.613	0.566	0.559	7.87
22) T	Diisopropyl ether	1.567	1.954	1.968	1.707	2.203	2.035	1.906	12.09
23) T	Vinyl Acetate	1.228	1.639	1.672	1.483	1.862	1.655	1.590	13.47
24) P	1,1-Dichloroethan	0.977	1.153	1.114	0.944	1.206	1.099	1.082	9.42
25) T	2-Butanone	0.371	0.442	0.448	0.394	0.508	0.473	0.439	11.43
26) T	2,2-Dichloropropa	0.940	1.008	1.000	0.856	1.078	0.982	0.978	7.63
27) T	cis-1,2-Dichloroe	0.575	0.670	0.641	0.549	0.696	0.637	0.628	8.94
28) T	Bromochloromethan	0.185	0.234	0.433	0.360	0.406	0.445	0.344	31.77
29) T	Tetrahydrofuran	0.270	0.339	0.303	0.263	0.344	0.314	0.306	11.08
30) C	Chloroform	0.930	1.141	1.102	0.935	1.190	1.109	1.068	10.25#
31) T	Cyclohexane		1.211	1.035	0.873	1.124	1.022	1.053	11.97
32) T	1,1,1-Trichloroet	0.854	1.007	0.975	0.833	1.052	0.964	0.947	9.14
33) S	1,2-Dichloroethan		0.769	0.681	0.620	0.710	0.715	0.699	7.79
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.270	0.305	0.279	0.318	0.320	0.298	7.59
36) T	1,1-Dichloroprope	0.529	0.453	0.526	0.459	0.580	0.531	0.513	9.44
37) T	Ethyl Acetate	0.335	0.504	0.595	0.515	0.647	0.602	0.533	20.87
38) T	Carbon Tetrachlor	0.475	0.461	0.530	0.462	0.577	0.530	0.506	9.35
39) T	Methylcyclohexane	0.516	0.481	0.589	0.538	0.692	0.635	0.575	13.72
40) TM	Benzene	1.517	1.297	1.516	1.330	1.640	1.492	1.465	8.79
41) T	Methacrylonitrile	0.202	0.196	0.261	0.244	0.304	0.288	0.249	17.75
42) TM	1,2-Dichloroethan	0.490	0.497	0.582	0.510	0.624	0.574	0.546	10.05
43) T	Isopropyl Acetate	0.767	0.761	0.913	0.828	1.060	0.985	0.886	13.75
44) TM	Trichloroethene	0.378	0.335	0.381	0.334	0.415	0.379	0.370	8.44
45) C	1,2-Dichloropropa	0.359	0.347	0.413	0.358	0.446	0.407	0.388	10.18#
46) T	Dibromomethane	0.255	0.232	0.267	0.229	0.291	0.266	0.257	9.09
47) T	Bromodichlorometh	0.453	0.448	0.536	0.474	0.599	0.550	0.510	11.92
48) T	Methyl methacryla	0.298	0.312	0.408	0.367	0.483	0.456	0.387	19.45
49) T	1,4-Dioxane	0.004	0.004	0.005	0.004	0.006	0.006	0.005	17.01
50) S	Toluene-d8		1.079	1.440	1.085	1.246	1.239	1.218	12.15
51) T	4-Methyl-2-Pentan	0.341	0.440	0.629	0.507	0.614	0.543	0.512	21.34
52) CM	Toluene	0.633	0.755	1.096	0.803	1.018	0.933	0.873	19.87#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.455	0.494	0.711	0.548	0.702	0.654	0.594	18.50
54) T	cis-1,3-Dichlorop	0.516	0.523	0.641	0.574	0.725	0.669	0.608	13.82
55) T	1,1,2-Trichloroet	0.282	0.307	0.443	0.319	0.400	0.368	0.353	17.34
56) T	Ethyl methacrylat	0.305	0.385	0.649	0.490	0.664	0.619	0.519	28.92
57) T	1,3-Dichloropropa	0.456	0.524	0.730	0.559	0.702	0.647	0.603	17.81
58) T	2-Chloroethyl Vin	0.145	0.150	0.179	0.072	0.151	0.171	0.145	26.18
59) T	2-Hexanone	0.261	0.311	0.461	0.386	0.468	0.420	0.385	21.69
60) T	Dibromochlorometh	0.278	0.314	0.476	0.355	0.452	0.422	0.383	20.72
61) T	1,2-Dibromoethane	0.286	0.310	0.452	0.338	0.427	0.394	0.368	18.10
62) S	4-Bromofluorobenz		0.358	0.520	0.455	0.458	0.463	0.451	12.97
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.369	0.391	0.378	0.289	0.401	0.364	0.365	10.92
65) PM	Chlorobenzene	1.057	1.062	1.048	0.918	1.151	1.051	1.048	7.12
66) T	1,1,1,2-Tetrachlo	0.368	0.396	0.391	0.348	0.437	0.404	0.391	7.84
67) C	Ethyl Benzene	1.738	1.911	1.886	1.723	2.148	1.906	1.885	8.15#
68) T	m/p-Xylenes	0.618	0.678	0.733	0.687	0.797	0.730	0.707	8.60
69) T	o-Xylene	0.568	0.628	0.640	0.647	0.765	0.702	0.658	10.28
70) T	Styrene	0.965	0.952	1.016	1.073	1.280	1.257	1.091	13.25
71) P	Bromoform	0.255	0.281	0.311	0.304	0.358	0.335	0.307	11.98
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.501	3.831	4.266	2.833	4.258	3.815	3.751	14.30
74) T	N-amyl acetate	1.206	1.542	1.757	1.338	2.063	1.896	1.634	20.25
75) P	1,1,2,2-Tetrachlo	1.270	1.336	1.435	0.997	1.344	1.244	1.271	11.80
76) T	1,2,3-Trichloropr	1.324	1.443	1.335	0.950	1.405	1.215	1.279	14.00
77) T	Bromobenzene	0.967	0.963	1.017	0.746	0.994	0.916	0.934	10.48
78) T	n-propylbenzene	4.180	5.296	5.047	3.652	5.039	4.439	4.609	13.64
79) T	2-Chlorotoluene	2.539	3.190	2.940	2.121	3.035	2.663	2.748	14.17
80) T	1,3,5-Trimethylbe	2.776	3.148	3.653	2.659	3.840	3.221	3.216	14.51
81) T	trans-1,4-Dichlor		0.457	0.507	0.362	0.543	0.506	0.475	14.76
82) T	4-Chlorotoluene	2.741	2.894	3.075	2.265	3.080	2.805	2.810	10.70
83) T	tert-Butylbenzene	2.388	2.735	2.968	2.235	2.998	2.768	2.682	11.54
84) T	1,2,4-Trimethylbe	2.802	3.172	3.580	2.705	3.551	3.245	3.176	11.53
85) T	sec-Butylbenzene	3.351	3.707	4.086	3.113	4.139	3.707	3.684	10.90
86) T	p-Isopropyltoluen	2.862	3.256	3.608	2.873	3.753	3.404	3.292	11.26
87) T	1,3-Dichlorobenze	1.860	1.726	1.812	1.424	1.815	1.682	1.720	9.24
88) T	1,4-Dichlorobenze	1.914	1.716	1.581	1.431	1.797	1.664	1.684	10.00
89) T	n-Butylbenzene	3.037	3.141	2.907	2.581	3.609	3.275	3.092	11.22
90) T	Hexachloroethane	0.540	0.636	0.570	0.518	0.710	0.655	0.605	12.26
91) T	1,2-Dichlorobenze	1.752	1.737	1.481	1.372	1.723	1.618	1.614	9.70
92) T	1,2-Dibromo-3-Chl	0.454	0.357	0.273	0.232	0.307	0.302	0.321	24.06
93) T	1,2,4-Trichlorobe	1.411	1.059	0.946	0.951	1.177	1.155	1.116	15.60
94) T	Hexachlorobutadie	0.631	0.617	0.516	0.514	0.592	0.553	0.570	8.84
95) T	Naphthalene	4.264	2.976	2.708	2.665	3.509	3.456	3.263	18.63
96) T	1,2,3-Trichlorobe	1.666	1.101	0.927	0.916	1.155	1.126	1.149	23.82

(#) = Out of Range