Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N112122W.M
Title : SW846 8260
Last Update : Wed Nov 23 00:18:03 2022
Response Via : Initial Calibration

Calibration Files
5 =VN075337.D 10 =VN075338.D 20 =VN075339.D 50 =VN075340.D 75 =VN075341.D 1 =VN075336.D

		Compound	5	10	20	50	75	1	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.364	0.391	0.383	0.377	0.374	0.405	0.382	3.68
3)	P	Chloromethane	0.469	0.479	0.454	0.438	0.415	0.600	0.476	13.66
4)	C	Vinyl Chloride	0.594	0.629	0.584	0.580	0.568	0.642	0.600	4.89#
5)	T	Bromomethane	0.598	0.538	0.529	0.551	0.420		0.527	12.42
6)	T	Chloroethane	0.544	0.468	0.434	0.422	0.403		0.454	12.15
7)	T	Trichlorofluor...	0.907	0.896	0.817	0.830	0.790	0.900	0.857	5.88
8)	T	Diethyl Ether	0.319	0.301	0.306	0.311	0.299	0.267	0.300	6.00
9)	T	1,1,2-Trichlor...	0.489	0.510	0.479	0.465	0.456	0.439	0.473	5.31
10)	T	Methyl Iodide	0.808	0.771	0.734	0.762	0.756		0.766	3.57
11)	T	Tert butyl alc...	0.131	0.117	0.104	0.103	0.109		0.113	10.21
12)	CM	1,1-Dichloroet...	0.446	0.483	0.458	0.454	0.440	0.497	0.463	4.81#
13)	T	Acrolein	0.107	0.103	0.094	0.094	0.093		0.098	6.67
14)	T	Allyl chloride	0.598	0.638	0.543	0.549	0.608	0.657	0.599	7.69
15)	T	Acrylonitrile	0.261	0.267	0.252	0.253	0.247	0.271	0.258	3.68
16)	T	Acetone	0.253	0.286	0.240	0.231	0.218	0.275	0.250	10.52
17)	T	Carbon Disulfide	1.185	1.192	1.173	1.183	1.151	1.335	1.203	5.49
18)	T	Methyl Acetate	0.767	0.721	0.666	0.636	0.622	1.034	0.741	20.71
19)	T	Methyl tert-bu...	1.645	1.686	1.575	1.585	1.574	1.777	1.640	4.91
20)	T	Methylene Chlo...	0.653	0.584	0.521	0.517	0.499	0.746	0.587	16.50
21)	T	trans-1,2-Dich...	0.505	0.529	0.505	0.508	0.492	0.627	0.528	9.50
22)	T	Diisopropyl ether	1.444	1.410	1.331	1.364	1.299	1.354	1.367	3.87
23)	T	Vinyl Acetate	1.076	1.091	1.090	1.117	1.074	1.077	1.087	1.48
24)	P	1,1-Dichloroet...	0.914	0.897	0.871	0.874	0.834	0.875	0.877	3.08
25)	T	2-Butanone	0.343	0.363	0.341	0.331	0.319	0.401	0.350	8.30
26)	T	2,2-Dichloropr...	0.844	0.818	0.768	0.803	0.775	0.884	0.815	5.36
27)	T	cis-1,2-Dichlo...	0.613	0.614	0.597	0.608	0.590	0.557	0.597	3.60
28)	T	Bromochloromet...	0.362	0.389	0.350	0.345	0.346	0.345	0.356	4.93
29)	T	Tetrahydrofuran	0.208	0.217	0.212	0.211	0.206	0.221	0.213	2.68
30)	C	Chloroform	1.047	1.020	0.956	0.965	0.927	1.129	1.007	7.35#
31)	T	Cyclohexane	1.002	0.919	0.804	0.791	0.748		0.853	12.29
32)	T	1,1,1-Trichlor...	0.910	0.946	0.885	0.906	0.878	0.964	0.915	3.72
33)	S	1,2-Dichloroet...	0.290	0.272	0.267	0.264	0.249		0.268	5.53
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.201	0.188	0.193	0.204	0.196		0.196	3.23
36)	T	1,1-Dichloropr...	0.423	0.416	0.410	0.431	0.432	0.458	0.428	3.99
37)	T	Ethyl Acetate	0.387	0.400	0.367	0.402	0.394	0.364	0.386	4.33
38)	T	Carbon Tetrach...	0.464	0.455	0.476	0.488	0.490	0.450	0.471	3.54
39)	T	Methylcyclohexane	0.525	0.521	0.522	0.551	0.561	0.536	0.536	3.08
40)	TM	Benzene	1.332	1.325	1.254	1.307	1.290	1.361	1.311	2.83
41)	T	Methacrylonitrile	0.188	0.212	0.204	0.194	0.197	0.189	0.197	4.69
42)	TM	1,2-Dichloroet...	0.460	0.436	0.427	0.432	0.423	0.457	0.439	3.59
43)	T	Isopropyl Acetate	0.610	0.614	0.607	0.635	0.632	0.616	0.619	1.86
44)	TM	Trichloroethene	0.362	0.360	0.348	0.355	0.354	0.374	0.359	2.45
45)	C	1,2-Dichloropr...	0.331	0.321	0.295	0.312	0.305	0.312	0.313	4.04#
46)	T	Dibromomethane	0.241	0.228	0.232	0.236	0.240	0.241	0.236	2.25
47)	T	Bromodichlorom...	0.455	0.440	0.447	0.464	0.465	0.476	0.458	2.82
48)	T	Methyl methacr...	0.281	0.277	0.287	0.292	0.289	0.292	0.286	2.13
49)	T	1,4-Dioxane	0.008	0.008	0.008	0.009	0.008	0.007	0.008	6.58
50)	S	Toluene-d8	0.443	0.409	0.444	0.464	0.452		0.442	4.69
51)	T	4-Methyl-2-Pen...	0.390	0.395	0.393	0.399	0.412	0.376	0.394	3.04
52)	CM	Toluene	0.842	0.837	0.830	0.873	0.877	0.812	0.845	3.00#
53)	T	t-1,3-Dichloro...	0.455	0.446	0.456	0.501	0.504	0.395	0.460	8.72
54)	T	cis-1,3-Dichlo...	0.496	0.494	0.488	0.529	0.534	0.454	0.499	5.87
55)	T	1,1,2-Trichlor...	0.347	0.336	0.332	0.337	0.343	0.370	0.344	4.02
56)	T	Ethyl methacry...	0.433	0.447	0.461	0.506	0.510	0.432	0.465	7.50

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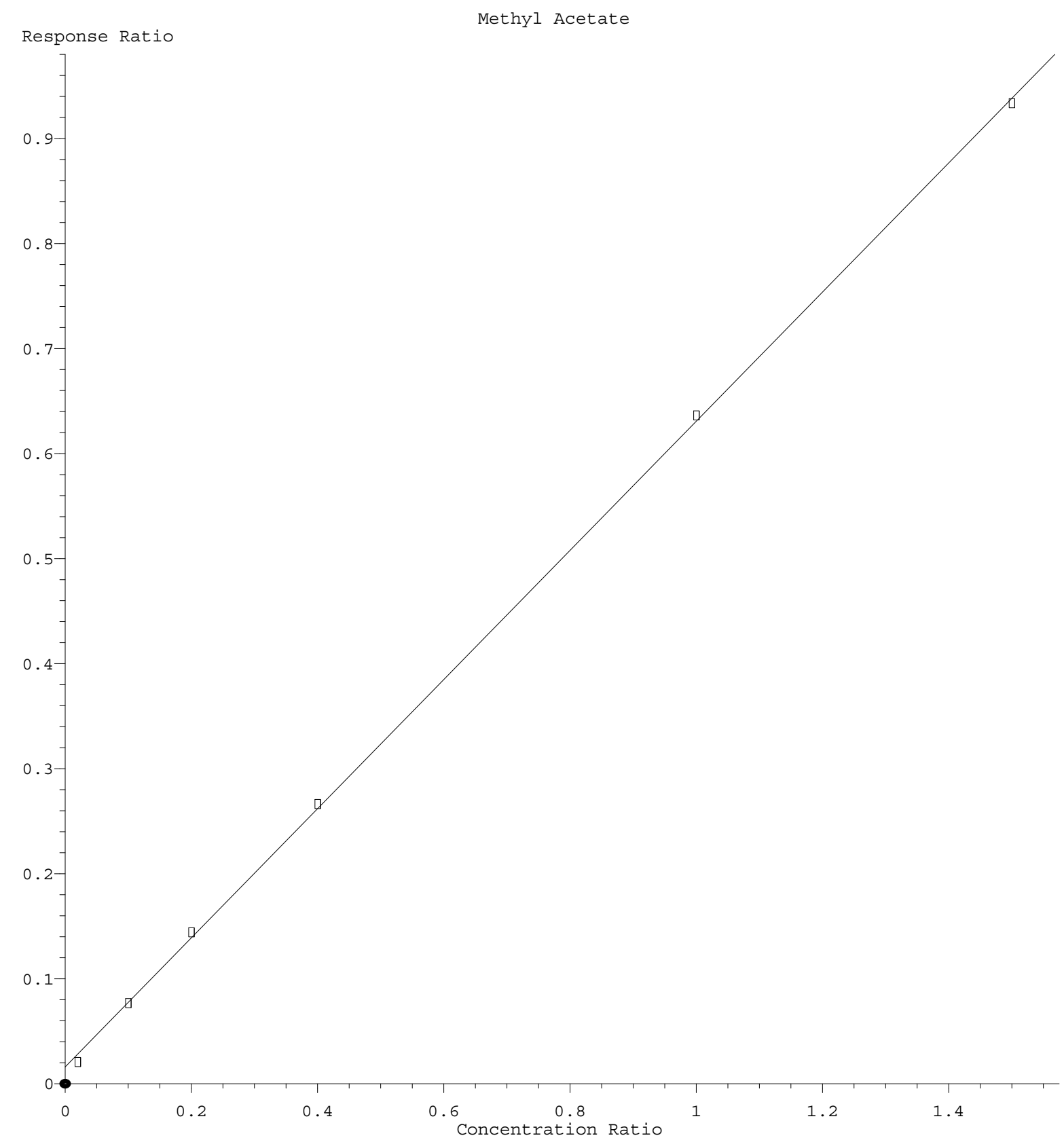
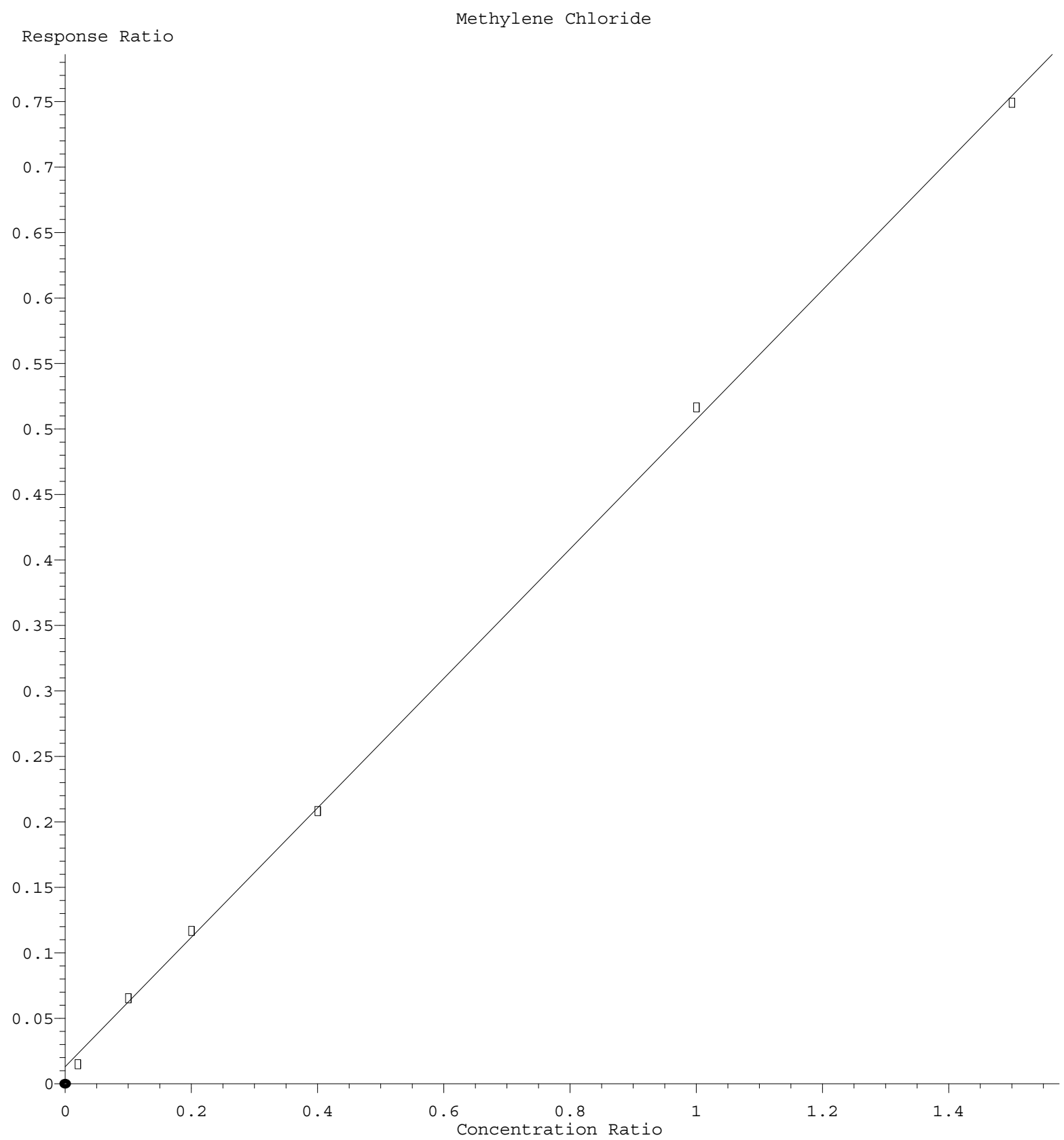
57)	T	1,3-Dichloropr...	0.566	0.544	0.546	0.559	0.558	0.595	0.561	3.33
58)	T	2-Chloroethyl ...	0.165	0.166	0.182	0.185	0.172	0.135	0.168	10.62
59)	T	2-Hexanone	0.288	0.304	0.295	0.306	0.318	0.266	0.296	6.02
60)	T	Dibromochlorom...	0.339	0.356	0.360	0.394	0.392	0.279	0.353	11.93
61)	T	1,2-Dibromoethane	0.360	0.334	0.336	0.365	0.365	0.384	0.357	5.31
62)	S	4-Bromofluorob...	0.323	0.287	0.319	0.351	0.353		0.327	8.33
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.410	0.374	0.356	0.362	0.352	0.437	0.382	8.92
65)	PM	Chlorobenzene	0.999	0.997	1.007	1.036	1.025	1.131	1.033	4.88
66)	T	1,1,1,2-Tetrac...	0.388	0.364	0.370	0.394	0.388	0.408	0.385	4.21
67)	C	Ethyl Benzene	1.687	1.736	1.735	1.845	1.858	1.709	1.762	4.08#
68)	T	m/p-Xylenes	0.713	0.699	0.704	0.739	0.750	0.688	0.715	3.35
69)	T	o-Xylene	0.702	0.702	0.694	0.716	0.743	0.708	0.711	2.42
70)	T	Styrene	1.089	1.108	1.109	1.200	1.238	0.985	1.121	7.95
71)	P	Bromoform	0.252	0.285	0.286	0.323	0.336	0.277	0.293	10.61
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.766	3.711	3.480	3.581	3.552	3.828	3.653	3.72
74)	T	N-amyl acetate	1.101	1.127	1.115	1.154	1.219	1.023	1.123	5.74
75)	P	1,1,2,2-Tetrac...	1.176	1.153	1.096	1.052	1.038	1.168	1.114	5.44
76)	T	1,2,3-Trichlor...	1.052	1.006	0.927	0.889	0.754	1.045	0.945	12.08
77)	T	Bromobenzene	0.891	0.883	0.861	0.872	0.863	1.042	0.902	7.71
78)	T	n-propylbenzene	4.091	4.172	3.969	4.128	4.105	3.996	4.077	1.93
79)	T	2-Chlorotoluene	2.643	2.493	2.348	2.402	2.395	2.457	2.456	4.26
80)	T	1,3,5-Trimethy...	3.042	3.127	2.978	3.093	3.068	2.902	3.035	2.71
81)	T	trans-1,4-Dich...	0.294	0.296	0.313	0.336	0.359		0.320	8.62
82)	T	4-Chlorotoluene	2.643	2.493	2.348	2.402	2.395	2.457	2.456	4.26
83)	T	tert-Butylbenzene	2.837	2.851	2.619	2.755	2.739	2.802	2.767	3.07
84)	T	1,2,4-Trimethy...	3.087	3.157	2.937	3.104	3.118	2.863	3.044	3.82
85)	T	sec-Butylbenzene	3.710	3.827	3.698	3.895	3.903	3.495	3.755	4.13
86)	T	p-Isopropyltol...	2.958	3.141	3.168	3.328	3.361	2.998	3.159	5.22
87)	T	1,3-Dichlorobe...	1.739	1.726	1.628	1.695	1.688	1.775	1.709	2.95
88)	T	1,4-Dichlorobe...	1.696	1.627	1.633	1.675	1.679	2.105	1.736	10.53
89)	T	n-Butylbenzene	2.526	2.577	2.582	2.784	2.849	2.690	2.668	4.82
90)	T	Hexachloroethane	0.509	0.542	0.524	0.579	0.571	0.545	0.545	4.90
91)	T	1,2-Dichlorobe...	1.735	1.691	1.611	1.694	1.637	1.625	1.666	2.92
92)	T	1,2-Dibromo-3-...	0.192	0.207	0.212	0.221	0.219	0.215	0.211	4.97
93)	T	1,2,4-Trichlor...	0.750	0.828	0.786	0.938	0.931	0.889	0.854	9.10
94)	T	Hexachlorobuta...	0.444	0.431	0.411	0.473	0.466	0.442	0.445	5.16
95)	T	Naphthalene	2.347	2.438	2.603	2.901	2.995	2.826	2.685	9.78
96)	T	1,2,3-Trichlor...	0.765	0.789	0.768	0.885	0.896	0.931	0.839	8.73

(#) = Out of Range



Response = 6.148e-001 * Amt + 1.635e-002
Coef of Det (r^2) = 0.999763 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N112122W.M
Calibration Table Last Updated: Wed Nov 23 00:18:03 2022



Response = 4.947e-001 * Amt + 1.298e-002
Coef of Det (r^2) = 0.999494 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N112122W.M
Calibration Table Last Updated: Wed Nov 23 00:18:03 2022