Response Factor Report 7890

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
Method File : 82N101718W.M
Title : SW846 8260
Last Update : Fri Oct 19 05:11:28 2018
Response Via : Initial Calibration

Calibration Files
1 =VN051905.D 5 =VN051899.D 20 =VN051900.D
50 =VN051901.D 100 =VN051902.D 150 =VN051903.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluorom	0.299	0.366	0.299	0.291	0.280	0.281	0.303	10.58
3)	P	Chloromethane	0.314	0.334	0.303	0.287	0.274	0.261	0.296	9.13
4)	C	Vinyl Chloride	0.470	0.507	0.443	0.443	0.417	0.399	0.446	8.62#
5)	T	Bromomethane	0.597	0.463	0.394	0.376	0.365	0.357	0.425	21.70
6)	T	Chloroethane	0.334	0.363	0.338	0.328	0.300	0.281	0.324	8.93
7)	T	Trichlorofluorome	0.658	0.751	0.723	0.665	0.678	0.653	0.688	5.81
8)	T	Diethyl Ether	0.190	0.210	0.210	0.209	0.198	0.191	0.202	4.65
9)	T	1,1,2-Trichlorotr	0.363	0.443	0.410	0.400	0.384	0.369	0.395	7.42
10)	T	Methyl Iodide		0.363	0.464	0.504	0.529	0.549	0.482	15.35
11)	T	Tert butyl alcoho		0.030	0.027	0.028	0.028	0.023	0.027	8.46
12)	CM	1,1-Dichloroethen	0.337	0.394	0.368	0.365	0.353	0.342	0.360	5.73#
13)	T	Acrolein		0.025	0.020	0.020	0.019	0.017	0.020	15.18
14)	T	Allyl chloride	0.291	0.437	0.412	0.415	0.397	0.387	0.390	13.19
15)	T	Acrylonitrile	0.076	0.102	0.105	0.108	0.104	0.098	0.099	11.58
16)	T	Acetone	0.082	0.100	0.081	0.081	0.078	0.071	0.082	11.53
17)	T	Carbon Disulfide	1.023	0.882	0.843	0.874	0.880	0.882	0.897	7.07
18)	T	Methyl Acetate	0.345	0.299	0.259	0.263	0.248	0.228	0.274	15.29
19)	T	Methyl tert-butyl	0.925	1.144	1.061	1.076	1.032	0.984	1.037	7.35
20)	T	Methylene Chlorid	0.442	0.451	0.425	0.408	0.391	0.385	0.417	6.46
21)	T	trans-1,2-Dichlor	0.407	0.442	0.410	0.418	0.403	0.402	0.414	3.60
22)	T	Diisopropyl ether	0.767	1.008	0.949	0.940	0.907	0.879	0.908	9.01
23)	T	Vinyl Acetate	0.488	0.664	0.652	0.669	0.652	0.626	0.625	11.01
24)	P	1,1-Dichloroethan	0.606	0.725	0.684	0.675	0.640	0.616	0.658	6.89
25)	T	2-Butanone		0.091	0.141	0.120	0.123	0.120	0.108	0.117	14.38
26)	T	2,2-Dichloropropa	0.545	0.654	0.652	0.653	0.624	0.605	0.622	6.87
27)	T	cis-1,2-Dichloroe	0.441	0.503	0.497	0.494	0.478	0.471	0.481	4.74
28)	T	Bromochloromethan	0.244	0.279	0.275	0.277	0.269	0.258	0.267	5.05
29)	T	Tetrahydrofuran	0.064	0.077	0.073	0.075	0.074	0.067	0.072	6.83
30)	C	Chloroform	0.720	0.824	0.816	0.814	0.785	0.762	0.787	5.08#
31)	T	Cyclohexane	1.382	0.738	0.580	0.553	0.521	0.506	0.714	47.37
32)	T	1,1,1-Trichloroet	0.645	0.773	0.745	0.761	0.751	0.730	0.734	6.24
33)	S	1,2-Dichloroethan		0.521	0.468	0.465	0.439	0.425	0.464	7.99
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorometh		0.325	0.315	0.317	0.313	0.319	0.318	1.40
36)	T	1,1-Dichloroprope	0.402	0.407	0.377	0.387	0.379	0.376	0.388	3.45
37)	T	Ethyl Acetate	0.119	0.174	0.188	0.185	0.184	0.172	0.170	15.15
38)	T	Carbon Tetrachlor	0.426	0.466	0.451	0.461	0.469	0.468	0.457	3.61
39)	T	Methylcyclohexane	0.441	0.516	0.475	0.492	0.483	0.476	0.481	5.14
40)	TM	Benzene	1.020	1.228	1.150	1.156	1.131	1.118	1.134	5.98
41)	T	Methacrylonitrile	0.077	0.109	0.083	0.077	0.093	0.090	0.088	13.64
42)	TM	1,2-Dichloroethan	0.316	0.405	0.371	0.374	0.364	0.350	0.363	8.14
43)	T	Isopropyl Acetate	0.244	0.398	0.358	0.368	0.360	0.339	0.344	15.36
44)	TM	Trichloroethene	0.322	0.366	0.356	0.362	0.364	0.365	0.356	4.74
45)	C	1,2-Dichloropropa	0.230	0.287	0.266	0.271	0.262	0.257	0.262	7.19#
46)	T	Dibromomethane	0.178	0.201	0.203	0.208	0.207	0.203	0.200	5.64
47)	T	Bromodichlorometh	0.347	0.387	0.411	0.420	0.420	0.419	0.400	7.31
48)	T	Methyl methacryla	0.122	0.165	0.158	0.169	0.167	0.159	0.157	11.07
49)	T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	10.59
50)	S	Toluene-d8		1.164	1.136	1.158	1.153	1.172	1.157	1.18
51)	T	4-Methyl-2-Pentan	0.140	0.185	0.191	0.195	0.193	0.180	0.181	11.58
52)	CM	Toluene	0.604	0.774	0.769	0.802	0.801	0.801	0.758	10.19#

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		Compound	1	5	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.283	0.357	0.379	0.411	0.422	0.425	0.380	14.25
54)	T	cis-1,3-Dichlorop	0.324	0.417	0.432	0.450	0.458	0.458	0.423	12.05
55)	T	1,1,2-Trichloroet	0.206	0.296	0.286	0.293	0.295	0.290	0.278	12.67
56)	T	Ethyl methacrylat	0.229	0.308	0.312	0.338	0.344	0.333	0.311	13.65
57)	T	1,3-Dichloropropa	0.340	0.439	0.440	0.447	0.438	0.434	0.423	9.70
58)	T	2-Chloroethyl Vin	0.093	0.132	0.132	0.143	0.147	0.143	0.132	15.07
59)	T	2-Hexanone	0.090	0.130	0.123	0.131	0.132	0.121	0.121	13.22
60)	T	Dibromochlorometh	0.221	0.290	0.320	0.360	0.380	0.385	0.326	19.31
61)	T	1,2-Dibromoethane	0.230	0.282	0.291	0.313	0.317	0.315	0.291	11.43
62)	S	4-Bromofluorobenz		0.340	0.360	0.400	0.411	0.420	0.386	8.91
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.402	0.426	0.416	0.400	0.382	0.383	0.401	4.34
65)	PM	Chlorobenzene	0.947	1.032	0.996	1.009	1.010	1.003	1.000	2.83
66)	T	1,1,1,2-Tetrachlo	0.310	0.367	0.375	0.395	0.391	0.394	0.372	8.67
67)	C	Ethyl Benzene	1.517	1.671	1.655	1.692	1.651	1.640	1.638	3.78#
68)	T	m/p-Xylenes	0.560	0.659	0.662	0.698	0.685	0.682	0.658	7.59
69)	T	o-Xylene	0.526	0.654	0.650	0.682	0.669	0.664	0.641	8.92
70)	T	Styrene	0.753	0.941	0.983	1.067	1.084	1.086	0.986	13.01
71)	P	Bromoform	0.131	0.195	0.220	0.261	0.288	0.296	0.232	27.20
72)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
73)	T	Isopropylbenzene	4.609	4.467	4.013	3.538	3.337	3.259	3.871	15.02
74)	T	N-amyl acetate	0.670	0.744	0.677	0.662	0.640	0.601	0.666	7.11
75)	P	1,1,2,2-Tetrachlo	0.864	0.944	0.832	0.732	0.684	0.638	0.782	14.96
76)	T	1,2,3-Trichloropr	0.668	0.698	0.655	0.581	0.537	0.508	0.608	12.65
77)	T	Bromobenzene	1.127	1.074	0.972	0.923	0.905	0.910	0.985	9.54
78)	T	n-propylbenzene	4.382	4.658	4.172	3.824	3.611	3.529	4.029	11.14
79)	T	2-Chlorotoluene	3.079	2.801	2.502	2.217	2.084	2.029	2.452	17.17
80)	T	1,3,5-Trimethylbe	3.457	3.574	3.232	2.957	2.813	2.739	3.129	11.05
81)	T	trans-1,4-Dichlor	0.101	0.172	0.177	0.187	0.188	0.183	0.168	19.94
82)	T	4-Chlorotoluene	2.620	2.623	2.393	2.242	2.143	2.107	2.355	9.73
83)	T	tert-Butylbenzene	3.528	3.356	3.017	2.693	2.549	2.498	2.940	14.70
84)	T	1,2,4-Trimethylbe	3.080	3.522	3.270	2.987	2.840	2.758	3.076	9.20
85)	T	sec-Butylbenzene	4.077	4.186	3.875	3.593	3.381	3.314	3.738	9.74
86)	T	p-Isopropyltoluen	3.037	3.551	3.401	3.254	3.115	3.079	3.239	6.26
87)	T	1,3-Dichlorobenze	1.643	1.712	1.660	1.651	1.643	1.651	1.660	1.58
88)	T	1,4-Dichlorobenze	1.698	1.669	1.595	1.596	1.611	1.621	1.632	2.59
89)	T	n-Butylbenzene	1.813	2.511	2.452	2.481	2.426	2.417	2.350	11.29
90)	T	Hexachloroethane	0.534	0.575	0.548	0.532	0.530	0.533	0.542	3.23
91)	T	1,2-Dichlorobenze	1.521	1.728	1.633	1.602	1.587	1.575	1.608	4.33
92)	T	1,2-Dibromo-3-Chl	0.086	0.118	0.117	0.108	0.103	0.097	0.105	11.59
93)	T	1,2,4-Trichlorobe	0.641	0.480	0.625	0.736	0.816	0.881	0.697	20.80
94)	T	Hexachlorobutadie	0.511	0.590	0.527	0.478	0.472	0.476	0.509	8.88
95)	T	Naphthalene	1.197	0.980	1.208	1.479	1.686	1.764	1.386	22.23
96)	T	1,2,3-Trichlorobe	0.616	0.524	0.666	0.722	0.791	0.824	0.690	16.24

(#) = Out of Range