Response Factor Report 7890

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
Method File : 82N071519W.M
Title : SW846 8260
Last Update : Tue Jul 16 07:03:34 2019
Response Via : Initial Calibration

Calibration Files
1 =VN056697.D 5 =VN056698.D 20 =VN056699.D
50 =VN056700.D 100 =VN056701.D 150 =VN056702.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	----------	ISTD	----------	----------	----------	----------	
2)	T	Dichlorodifluorom	0.539	0.495	0.456	0.442	0.445	0.441	0.469	8.42
3)	P	Chloromethane	0.753	0.630	0.615	0.587	0.604	0.599	0.631	9.70
4)	C	Vinyl Chloride	0.695	0.605	0.603	0.574	0.587	0.582	0.608	7.31#
5)	T	Bromomethane		0.386	0.365	0.339	0.357	0.341	0.357	5.38
6)	T	Chloroethane	0.431	0.368	0.338	0.328	0.330	0.331	0.354	11.40
7)	T	Trichlorofluorome	0.903	0.809	0.770	0.730	0.744	0.724	0.780	8.71
8)	T	Diethyl Ether	0.317	0.296	0.301	0.299	0.305	0.307	0.304	2.54
9)	T	1,1,2-Trichlorotr	0.529	0.473	0.462	0.446	0.456	0.445	0.469	6.73
10)	T	Methyl Iodide		0.539	0.618	0.636	0.678	0.663	0.627	8.67
11)	T	Tert butyl alcoho		0.084	0.091	0.091	0.096	0.098	0.092	6.10
12)	CM	1,1-Dichloroethen	0.522	0.465	0.468	0.448	0.460	0.458	0.470	5.56#
13)	T	Acrolein		0.046	0.028	0.028	0.032	0.033	0.033	21.39
14)	T	Allyl chloride	0.871	0.777	0.790	0.795	0.822	0.823	0.813	4.17
15)	T	Acrylonitrile	0.265	0.252	0.271	0.265	0.270	0.273	0.266	2.86
16)	T	Acetone	0.287	0.245	0.275	0.247	0.241	0.234	0.255	8.33
17)	T	Carbon Disulfide	1.368	1.170	1.193	1.187	1.258	1.275	1.242	6.01
18)	T	Methyl Acetate	1.051	0.765	0.596	0.557	0.568	0.566	0.684	28.71
19)	T	Methyl tert-butyl	1.655	1.433	1.486	1.451	1.477	1.484	1.498	5.34
20)	T	Methylene Chlorid	0.656	0.550	0.548	0.528	0.532	0.527	0.557	8.88
21)	T	trans-1,2-Dichlor	0.522	0.497	0.498	0.485	0.491	0.489	0.497	2.62
22)	T	Diisopropyl ether	1.636	1.564	1.643	1.592	1.605	1.587	1.604	1.88
23)	T	Vinyl Acetate	1.229	1.160	1.339	1.335	1.368	1.369	1.300	6.60
24)	P	1,1-Dichloroethan	1.014	0.920	0.933	0.902	0.908	0.905	0.930	4.58
25)	T	2-Butanone		0.378	0.364	0.384	0.369	0.372	0.370	0.373	1.90
26)	T	2,2-Dichloropropa	0.693	0.653	0.665	0.664	0.678	0.671	0.671	2.02
27)	T	cis-1,2-Dichloroe	0.578	0.575	0.574	0.564	0.573	0.566	0.572	0.92
28)	T	Bromochloromethan	0.437	0.448	0.448	0.431	0.440	0.420	0.437	2.47
29)	T	Tetrahydrofuran	0.249	0.238	0.246	0.243	0.240	0.243	0.243	1.59
30)	C	Chloroform	1.102	0.938	0.915	0.875	0.886	0.869	0.931	9.45#
31)	T	Cyclohexane		0.954	0.891	0.859	0.864	0.854	0.884	4.69
32)	T	1,1,1-Trichloroet	0.755	0.698	0.745	0.730	0.742	0.746	0.736	2.76
33)	S	1,2-Dichloroethan		0.549	0.584	0.549	0.552	0.531	0.553	3.48
34)	I	1,4-Difluorobenzene	----------	----------	ISTD	----------	----------	----------	----------	
35)	S	Dibromofluorometh		0.296	0.326	0.311	0.314	0.309	0.311	3.38
36)	T	1,1-Dichloroprope	0.527	0.457	0.442	0.444	0.451	0.456	0.463	6.93
37)	T	Ethyl Acetate	0.492	0.395	0.443	0.470	0.465	0.471	0.456	7.36
38)	T	Carbon Tetrachlor	0.493	0.423	0.416	0.422	0.424	0.426	0.434	6.73
39)	T	Methylcyclohexane	0.619	0.555	0.549	0.558	0.573	0.574	0.571	4.44
40)	TM	Benzene	1.548	1.423	1.413	1.375	1.379	1.369	1.418	4.75
41)	T	Methacrylonitrile	0.175	0.186	0.210	0.199	0.224	0.206	0.200	8.83
42)	TM	1,2-Dichloroethan	0.478	0.457	0.448	0.435	0.436	0.434	0.448	3.84
43)	T	Isopropyl Acetate	0.676	0.688	0.713	0.726	0.743	0.756	0.717	4.35
44)	TM	Trichloroethene	0.444	0.385	0.372	0.366	0.370	0.372	0.385	7.73
45)	C	1,2-Dichloropropa	0.407	0.370	0.369	0.370	0.373	0.371	0.377	3.99#
46)	T	Dibromomethane	0.240	0.223	0.236	0.233	0.235	0.234	0.233	2.43
47)	T	Bromodichlorometh	0.463	0.422	0.433	0.443	0.448	0.453	0.444	3.28
48)	T	Methyl methacryla	0.326	0.318	0.347	0.356	0.365	0.369	0.347	5.97
49)	T	1,4-Dioxane	0.007	0.007	0.007	0.007	0.007	0.007	0.007	3.56
50)	S	Toluene-d8		1.124	1.237	1.204	1.243	1.202	1.202	3.94
51)	T	4-Methyl-2-Pentan	0.467	0.441	0.468	0.467	0.470	0.474	0.464	2.56
52)	CM	Toluene	0.836	0.828	0.840	0.841	0.853	0.853	0.842	1.18#

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53)	T	t-1,3-Dichloropro	0.409	0.404	0.455	0.480	0.506	0.522	0.463	10.60
54)	T	cis-1,3-Dichlorop	0.514	0.496	0.526	0.548	0.566	0.574	0.537	5.68
55)	T	1,1,2-Trichloroet	0.398	0.349	0.352	0.340	0.338	0.341	0.353	6.44
56)	T	Ethyl methacrylat	0.434	0.456	0.515	0.537	0.548	0.559	0.508	10.13
57)	T	1,3-Dichloropropa	0.592	0.567	0.582	0.568	0.575	0.576	0.577	1.62
58)	T	2-Chloroethyl Vin	0.191	0.228	0.244	0.261	0.269	0.273	0.244	12.71
59)	T	2-Hexanone	0.294	0.308	0.340	0.348	0.353	0.357	0.333	7.81
60)	T	Dibromochlorometh	0.330	0.316	0.342	0.356	0.368	0.372	0.347	6.37
61)	T	1,2-Dibromoethane	0.338	0.335	0.347	0.354	0.366	0.366	0.351	3.85
62)	S	4-Bromofluorobenz		0.344	0.402	0.413	0.436	0.431	0.405	9.14
63)	I	Chlorobenzene-d5	----------	ISTD	----------					
64)	T	Tetrachloroethene	0.532	0.464	0.426	0.400	0.386	0.380	0.431	13.52
65)	PM	Chlorobenzene	1.137	0.989	1.009	0.993	0.992	1.014	1.022	5.58
66)	T	1,1,1,2-Tetrachlo	0.408	0.360	0.374	0.371	0.367	0.377	0.376	4.42
67)	C	Ethyl Benzene	1.877	1.757	1.778	1.774	1.781	1.815	1.797	2.42#
68)	T	m/p-Xylenes	0.692	0.647	0.665	0.671	0.671	0.683	0.671	2.33
69)	T	o-Xylene	0.702	0.648	0.657	0.653	0.646	0.655	0.660	3.17
70)	T	Styrene	0.983	0.979	1.068	1.103	1.124	1.148	1.067	6.74
71)	P	Bromoform	0.248	0.260	0.282	0.300	0.308	0.321	0.286	9.84
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
73)	T	Isopropylbenzene	4.865	4.369	4.083	3.723	3.585	3.564	4.032	12.77
74)	T	N-amyl acetate	1.623	1.478	1.489	1.466	1.459	1.493	1.501	4.06
75)	P	1,1,2,2-Tetrachlo	1.881	1.459	1.339	1.185	1.135	1.138	1.356	21.18
76)	T	1,2,3-Trichloropr	1.229	1.304	1.146	1.044	0.916	0.922	1.094	14.69
77)	T	Bromobenzene	1.285	1.094	1.058	0.979	0.957	0.955	1.054	11.98
78)	T	n-propylbenzene	5.232	4.715	4.440	4.230	4.118	4.120	4.476	9.71
79)	T	2-Chlorotoluene	3.557	2.937	2.768	2.508	2.433	2.413	2.769	15.80
80)	T	1,3,5-Trimethylbe	4.127	3.619	3.471	3.175	3.066	3.044	3.417	12.20
81)	T	trans-1,4-Dichlor		0.304	0.335	0.358	0.381	0.393	0.354	10.07
82)	T	4-Chlorotoluene	3.027	2.644	2.643	2.500	2.459	2.486	2.627	8.07
83)	T	tert-Butylbenzene	3.745	3.248	2.938	2.685	2.617	2.611	2.974	15.13
84)	T	1,2,4-Trimethylbe	3.753	3.507	3.425	3.164	3.107	3.072	3.338	8.07
85)	T	sec-Butylbenzene	4.287	4.126	3.840	3.578	3.476	3.473	3.797	9.17
86)	T	p-Isopropyltoluen	3.844	3.649	3.497	3.255	3.194	3.197	3.440	7.84
87)	T	1,3-Dichlorobenze	1.956	1.765	1.701	1.651	1.641	1.655	1.728	6.99
88)	T	1,4-Dichlorobenze	1.959	1.612	1.635	1.609	1.625	1.647	1.681	8.14
89)	T	n-Butylbenzene	2.796	2.697	2.747	2.762	2.797	2.824	2.771	1.62
90)	T	Hexachloroethane	0.642	0.532	0.550	0.528	0.535	0.550	0.556	7.73
91)	T	1,2-Dichlorobenze	2.173	1.761	1.762	1.670	1.614	1.625	1.767	11.81
92)	T	1,2-Dibromo-3-Chl	0.212	0.201	0.225	0.211	0.217	0.232	0.216	5.03
93)	T	1,2,4-Trichlorobe	0.525	0.578	0.833	0.901	0.960	1.061	0.810	26.48
94)	T	Hexachlorobutadie	0.824	0.690	0.621	0.547	0.545	0.547	0.629	17.71
95)	T	Naphthalene	1.480	1.450	2.069	2.408	2.669	2.952	2.171	28.55
96)	T	1,2,3-Trichlorobe	0.590	0.679	0.853	0.895	0.947	1.049	0.836	20.47

(#) = Out of Range