Response Factor Report 7890

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
Method File : 82N061318W.M
Title : SW846 8260
Last Update : Thu Jun 14 05:15:23 2018
Response Via : Initial Calibration

Calibration Files
1 =VN049211.D 5 =VN049212.D 20 =VN049213.D
50 =VN049214.D 100 =VN049215.D 150 =VN049216.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluorom	0.816	0.778	0.684	0.887	0.532	0.624	0.720	18.26
3)	P	Chloromethane	0.905	0.754	0.708	0.836	0.604	0.608	0.736	16.49
4)	C	Vinyl Chloride	0.830	0.774	0.720	0.916	0.641	0.648	0.755	14.22#
5)	T	Bromomethane	0.683	0.443	0.365	0.502	0.369	0.369	0.455	27.30
6)	T	Chloroethane	0.613	0.541	0.479	0.595	0.417	0.413	0.510	17.08
7)	T	Trichlorofluorome	1.210	1.101	1.008	1.288	0.884	0.884	1.062	15.79
8)	T	Diethyl Ether	0.461	0.424	0.392	0.354	0.367	0.371	0.395	10.31
9)	T	1,1,2-Trichlorotr	0.852	0.728	0.693	0.622	0.619	0.613	0.688	13.53
10)	T	Methyl Iodide		0.511	0.652	0.689	0.732	0.759	0.669	14.52
11)	T	Tert butyl alcoho		0.047	0.043	0.041	0.044	0.044	0.044	5.11
12)	CM	1,1-Dichloroethen	0.697	0.672	0.635	0.574	0.585	0.583	0.625	8.28#
13)	T	Acrolein		0.048	0.064	0.058	0.065	0.064	0.060	12.43
14)	T	Allyl chloride	1.264	1.213	1.170	1.059	1.160	1.171	1.173	5.79
15)	T	Acrylonitrile	0.225	0.250	0.247	0.223	0.238	0.238	0.237	4.73
16)	T	Acetone	0.253	0.202	0.187	0.174	0.172	0.168	0.193	16.66
17)	T	Carbon Disulfide	2.770	2.264	2.059	1.848	1.911	1.930	2.130	16.26
18)	T	Methyl Acetate	1.726	0.814	0.647	0.554	0.566	0.561	0.811	56.55
19)	T	Methyl tert-butyl	1.720	1.683	1.722	1.720	1.677	1.688	1.702	1.24
20)	T	Methylene Chlorid	1.044	0.853	0.764	0.686	0.682	0.671	0.783	18.53
21)	T	trans-1,2-Dichlor	0.843	0.730	0.677	0.636	0.634	0.634	0.692	12.00
22)	T	Diisopropyl ether	2.266	2.405	2.424	2.256	2.347	2.348	2.341	2.96
23)	T	Vinyl Acetate	1.433	1.471	1.574	1.576	1.608	1.623	1.547	4.98
24)	P	1,1-Dichloroethan	1.631	1.494	1.415	1.296	1.269	1.265	1.395	10.55
25)	T	2-Butanone	0.294	0.283	0.272	0.265	0.273	0.271	0.276	3.78
26)	T	2,2-Dichloropropa	1.198	1.098	1.033	1.044	0.954	0.950	1.046	8.93
27)	T	cis-1,2-Dichloroe	0.805	0.802	0.763	0.716	0.718	0.720	0.754	5.60
28)	T	Bromochloromethan	0.728	0.688	0.646	0.655	0.635	0.620	0.662	6.00
29)	T	Tetrahydrofuran	0.186	0.167	0.178	0.172	0.182	0.182	0.178	4.04
30)	C	Chloroform	1.544	1.428	1.343	1.308	1.214	1.206	1.340	9.69#
31)	T	Cyclohexane	2.218	1.351	1.236	1.160	1.198	1.199	1.394	29.35
32)	T	1,1,1-Trichloroet	1.342	1.204	1.139	1.158	1.043	1.041	1.154	9.72
33)	S	1,2-Dichloroethan		0.882	0.838	0.843	0.750	0.725	0.807	8.29
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorometh		0.422	0.441	0.424	0.397	0.385	0.414	5.47
36)	T	1,1-Dichloroprope	0.585	0.626	0.646	0.651	0.620	0.620	0.625	3.76
37)	T	Ethyl Acetate	0.346	0.407	0.423	0.400	0.397	0.392	0.394	6.56
38)	T	Carbon Tetrachlor	0.668	0.624	0.642	0.666	0.588	0.588	0.629	5.69
39)	T	Methylcyclohexane	0.617	0.607	0.643	0.662	0.670	0.674	0.645	4.38
40)	TM	Benzene	1.900	1.951	1.957	1.877	1.847	1.824	1.893	2.86
41)	T	Methacrylonitrile	0.190	0.209	0.226	0.240	0.227	0.247	0.223	9.30
42)	TM	1,2-Dichloroethan	0.656	0.629	0.635	0.665	0.584	0.579	0.625	5.76
43)	T	Isopropyl Acetate	0.637	0.758	0.739	0.743	0.739	0.735	0.725	6.07
44)	TM	Trichloroethene	0.532	0.489	0.469	0.461	0.440	0.444	0.473	7.22
45)	C	1,2-Dichloropropa	0.540	0.533	0.537	0.513	0.502	0.498	0.521	3.56#
46)	T	Dibromomethane	0.305	0.295	0.288	0.294	0.273	0.270	0.288	4.67
47)	T	Bromodichlorometh	0.669	0.667	0.646	0.672	0.616	0.617	0.648	3.98
48)	T	Methyl methacryla	0.329	0.330	0.354	0.372	0.365	0.375	0.354	5.72
49)	T	1,4-Dioxane	0.005	0.004	0.004	0.004	0.004	0.004	0.004	9.19
50)	S	Toluene-d8		1.590	1.675	1.648	1.591	1.545	1.610	3.20
51)	T	4-Methyl-2-Pentan	0.330	0.374	0.397	0.400	0.408	0.408	0.386	7.84
52)	CM	Toluene	1.018	1.090	1.134	1.145	1.114	1.106	1.101	4.09#

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		Compound	1	5	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.541	0.578	0.612	0.649	0.651	0.664	0.616	7.86
54)	T	cis-1,3-Dichlorop	0.640	0.670	0.728	0.750	0.745	0.749	0.714	6.58
55)	T	1,1,2-Trichloroet	0.412	0.418	0.409	0.404	0.395	0.387	0.404	2.87
56)	T	Ethyl methacrylat	0.358	0.433	0.497	0.520	0.555	0.561	0.487	16.13
57)	T	1,3-Dichloropropa	0.672	0.699	0.709	0.696	0.693	0.690	0.693	1.78
58)	T	2-Chloroethyl Vin	0.099	0.133	0.159	0.174	0.189	0.194	0.158	23.06
59)	T	2-Hexanone	0.193	0.222	0.245	0.256	0.263	0.264	0.241	11.60
60)	T	Dibromochlorometh	0.432	0.434	0.453	0.471	0.449	0.450	0.448	3.17
61)	T	1,2-Dibromoethane	0.377	0.369	0.379	0.376	0.370	0.372	0.374	1.08
62)	S	4-Bromofluorobenz		0.467	0.530	0.551	0.564	0.559	0.534	7.45
63)	I	Chlorobenzene-d5	----------	ISTD	----------					
64)	T	Tetrachloroethene	0.575	0.532	0.523	0.501	0.447	0.428	0.501	11.00
65)	PM	Chlorobenzene	1.364	1.333	1.283	1.287	1.241	1.230	1.290	4.01
66)	T	1,1,1,2-Tetrachlo	0.551	0.506	0.491	0.490	0.454	0.451	0.491	7.48
67)	C	Ethyl Benzene	2.043	2.110	2.262	2.363	2.299	2.274	2.225	5.49#
68)	T	m/p-Xylenes	0.661	0.754	0.862	0.900	0.858	0.848	0.814	10.96
69)	T	o-Xylene	0.610	0.748	0.830	0.855	0.834	0.825	0.784	11.83
70)	T	Styrene	0.913	1.066	1.319	1.403	1.371	1.373	1.241	16.29
71)	P	Bromoform	0.287	0.304	0.309	0.320	0.313	0.307	0.307	3.58
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
73)	T	Isopropylbenzene	5.726	5.313	4.744	4.419	4.307	4.306	4.802	12.34
74)	T	N-amyl acetate	1.544	1.361	1.321	1.283	1.347	1.351	1.368	6.63
75)	P	1,1,2,2-Tetrachlo	1.832	1.483	1.148	0.985	0.963	0.944	1.226	29.34
76)	T	1,2,3-Trichloropr	1.256	1.199	0.960	0.827	0.810	0.802	0.976	20.95
77)	T	Bromobenzene	1.636	1.280	1.133	1.009	1.007	1.007	1.179	21.08
78)	T	n-propylbenzene	5.678	5.446	5.463	5.156	5.132	5.136	5.335	4.27
79)	T	2-Chlorotoluene	4.027	3.717	3.361	3.037	3.016	3.029	3.365	12.64
80)	T	1,3,5-Trimethylbe	3.554	3.973	3.866	3.657	3.517	3.526	3.682	5.26
81)	T	trans-1,4-Dichlor	0.360	0.324	0.290	0.262	0.277	0.283	0.299	12.05
82)	T	4-Chlorotoluene	3.310	3.404	3.284	3.056	3.033	3.063	3.191	5.01
83)	T	tert-Butylbenzene	3.518	3.385	3.187	3.034	2.966	2.942	3.172	7.45
84)	T	1,2,4-Trimethylbe	3.393	3.764	3.912	3.721	3.584	3.585	3.660	4.90
85)	T	sec-Butylbenzene	4.154	4.476	4.393	4.134	4.101	4.115	4.229	3.84
86)	T	p-Isopropyltoluen	2.923	3.497	3.583	3.573	3.479	3.495	3.425	7.30
87)	T	1,3-Dichlorobenze	1.977	1.938	1.912	1.854	1.794	1.798	1.879	4.03
88)	T	1,4-Dichlorobenze	2.065	1.891	1.863	1.798	1.737	1.749	1.850	6.56
89)	T	n-Butylbenzene	1.646	2.439	2.737	2.947	3.013	3.084	2.644	20.50
90)	T	Hexachloroethane	1.107	0.923	0.763	0.695	0.679	0.676	0.807	21.57
91)	T	1,2-Dichlorobenze	2.097	1.912	1.900	1.804	1.694	1.681	1.848	8.46
92)	T	1,2-Dibromo-3-Chl	0.200	0.176	0.175	0.156	0.146	0.149	0.167	12.46
93)	T	1,2,4-Trichlorobe	0.624	0.466	0.599	0.714	0.796	0.870	0.678	21.52
94)	T	Hexachlorobutadie	0.667	0.683	0.565	0.499	0.473	0.467	0.559	17.24
95)	T	Naphthalene	1.418	1.061	1.223	1.464	1.741	1.954	1.477	22.23
96)	T	1,2,3-Trichlorobe	0.839	0.513	0.676	0.718	0.784	0.850	0.730	17.25

(#) = Out of Range