Response Factor Report 7890

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
Method File : 82N061719W.M
Title : SW846 8260
Last Update : Tue Jun 18 04:23:59 2019
Response Via : Initial Calibration

Calibration Files
1 =VN056326.D 5 =VN056327.D 20 =VN056328.D
50 =VN056329.D 100 =VN056330.D 150 =VN056331.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluorom	0.395	0.385	0.483	0.465	0.458	0.451	0.440	9.09
3)	P	Chloromethane	0.598	0.548	0.623	0.599	0.593	0.576	0.589	4.27
4)	C	Vinyl Chloride	0.576	0.550	0.603	0.593	0.584	0.570	0.579	3.23#
5)	T	Bromomethane		0.347	0.370	0.358	0.329	0.281	0.337	10.34
6)	T	Chloroethane	0.338	0.329	0.354	0.340	0.331	0.322	0.336	3.24
7)	T	Trichlorofluorome	0.735	0.755	0.783	0.739	0.718	0.708	0.740	3.62
8)	T	Diethyl Ether	0.295	0.295	0.306	0.293	0.288	0.285	0.293	2.52
9)	T	1,1,2-Trichlorotr	0.533	0.481	0.487	0.463	0.456	0.451	0.478	6.33
10)	T	Methyl Iodide		0.494	0.632	0.643	0.655	0.637	0.612	10.85
11)	T	Tert butyl alcoho		0.082	0.088	0.092	0.091	0.089	0.088	4.26
12)	CM	1,1-Dichloroethen	0.475	0.463	0.471	0.463	0.456	0.456	0.464	1.63#
13)	T	Acrolein		0.017	0.026	0.025	0.026	0.025	0.024	15.81
14)	T	Allyl chloride	0.768	0.727	0.805	0.794	0.789	0.785	0.778	3.58
15)	T	Acrylonitrile	0.233	0.236	0.267	0.263	0.261	0.257	0.253	5.73
16)	T	Acetone	0.331	0.285	0.344	0.316	0.302	0.287	0.311	7.62
17)	T	Carbon Disulfide	1.257	1.142	1.260	1.259	1.258	1.273	1.242	3.95
18)	T	Methyl Acetate	1.105	0.695	0.598	0.541	0.533	0.528	0.667	33.60
19)	T	Methyl tert-butyl	1.291	1.378	1.490	1.457	1.442	1.432	1.415	5.01
20)	T	Methylene Chlorid	0.589	0.546	0.563	0.543	0.532	0.519	0.549	4.44
21)	T	trans-1,2-Dichlor	0.494	0.487	0.508	0.500	0.490	0.483	0.494	1.81
22)	T	Diisopropyl ether	1.470	1.479	1.609	1.561	1.541	1.518	1.530	3.42
23)	T	Vinyl Acetate	1.053	1.127	1.321	1.323	1.326	1.316	1.245	9.78
24)	P	1,1-Dichloroethan	0.871	0.898	0.926	0.910	0.890	0.885	0.897	2.16
25)	T	2-Butanone	0.336	0.348	0.412	0.395	0.389	0.380	0.377	7.72
26)	T	2,2-Dichloropropa	0.670	0.634	0.656	0.649	0.644	0.637	0.649	2.05
27)	T	cis-1,2-Dichloroe	0.571	0.561	0.587	0.581	0.571	0.559	0.572	1.87
28)	T	Bromochloromethan	0.465	0.418	0.513	0.457	0.435	0.408	0.449	8.47
29)	T	Tetrahydrofuran	0.198	0.216	0.239	0.230	0.231	0.228	0.224	6.52
30)	C	Chloroform	0.891	0.891	0.937	0.901	0.876	0.865	0.893	2.77#
31)	T	Cyclohexane		0.937	0.879	0.851	0.841	0.824	0.867	5.08
32)	T	1,1,1-Trichloroet	0.725	0.726	0.763	0.753	0.742	0.732	0.740	2.08
33)	S	1,2-Dichloroethan		0.568	0.592	0.562	0.554	0.535	0.562	3.71
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorometh		0.300	0.341	0.330	0.320	0.312	0.321	4.87
36)	T	1,1-Dichloroprope	0.474	0.433	0.451	0.452	0.444	0.445	0.450	3.05
37)	T	Ethyl Acetate	0.339	0.396	0.460	0.463	0.448	0.452	0.426	11.52
38)	T	Carbon Tetrachlor	0.445	0.435	0.431	0.433	0.421	0.425	0.432	1.91
39)	T	Methylcyclohexane	0.512	0.541	0.557	0.564	0.556	0.564	0.549	3.61
40)	TM	Benzene	1.325	1.372	1.399	1.400	1.352	1.342	1.365	2.26
41)	T	Methacrylonitrile	0.164	0.161	0.206	0.216	0.196	0.231	0.196	14.42
42)	TM	1,2-Dichloroethan	0.428	0.463	0.463	0.458	0.438	0.435	0.448	3.45
43)	T	Isopropyl Acetate	0.623	0.648	0.685	0.705	0.712	0.719	0.682	5.64
44)	TM	Trichloroethene	0.358	0.369	0.385	0.377	0.369	0.369	0.371	2.47
45)	C	1,2-Dichloropropa	0.344	0.346	0.380	0.374	0.361	0.360	0.361	3.95#
46)	T	Dibromomethane	0.241	0.241	0.244	0.244	0.236	0.233	0.240	1.85
47)	T	Bromodichlorometh	0.460	0.446	0.463	0.467	0.456	0.456	0.458	1.57
48)	T	Methyl methacryla	0.317	0.323	0.345	0.357	0.360	0.363	0.344	5.78
49)	T	1,4-Dioxane	0.006	0.007	0.007	0.007	0.007	0.007	0.007	7.50
50)	S	Toluene-d8		1.151	1.274	1.259	1.240	1.201	1.225	4.03
51)	T	4-Methyl-2-Pentan	0.394	0.413	0.450	0.456	0.453	0.441	0.435	5.83
52)	CM	Toluene	0.776	0.815	0.855	0.872	0.849	0.831	0.833	4.12#

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		Compound	1	5	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.401	0.396	0.451	0.481	0.493	0.505	0.455	10.32
54)	T	cis-1,3-Dichlorop	0.444	0.485	0.545	0.551	0.558	0.563	0.524	9.28
55)	T	1,1,2-Trichloroet	0.335	0.348	0.348	0.347	0.342	0.335	0.342	1.88
56)	T	Ethyl methacrylat	0.407	0.444	0.498	0.530	0.537	0.539	0.492	11.24
57)	T	1,3-Dichloropropa	0.596	0.553	0.585	0.587	0.572	0.567	0.577	2.75
58)	T	2-Chloroethyl Vin	0.120	0.130	0.158	0.169	0.184	0.197	0.160	18.90
59)	T	2-Hexanone	0.281	0.303	0.345	0.337	0.337	0.333	0.322	7.78
60)	T	Dibromochlorometh	0.319	0.346	0.366	0.375	0.374	0.374	0.359	6.35
61)	T	1,2-Dibromoethane	0.323	0.336	0.365	0.366	0.360	0.361	0.352	5.12
62)	S	4-Bromofluorobenz		0.328	0.406	0.430	0.438	0.428	0.406	11.17
63)	I	Chlorobenzene-d5	----------	ISTD	----------					
64)	T	Tetrachloroethene	0.441	0.433	0.426	0.404	0.380	0.375	0.410	6.79
65)	PM	Chlorobenzene	1.007	1.013	1.045	1.018	1.007	1.001	1.015	1.54
66)	T	1,1,1,2-Tetrachlo	0.377	0.391	0.387	0.374	0.371	0.374	0.379	2.07
67)	C	Ethyl Benzene	1.659	1.691	1.809	1.800	1.759	1.767	1.747	3.45#
68)	T	m/p-Xylenes	0.574	0.610	0.687	0.685	0.675	0.672	0.650	7.25
69)	T	o-Xylene	0.594	0.612	0.672	0.668	0.653	0.648	0.641	4.92
70)	T	Styrene	0.814	0.925	1.089	1.126	1.127	1.130	1.035	12.94
71)	P	Bromoform	0.267	0.268	0.298	0.307	0.311	0.316	0.295	7.40
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
73)	T	Isopropylbenzene	4.832	5.295	4.536	4.015	3.588	3.466	4.289	16.85
74)	T	N-amyl acetate	1.846	1.750	1.612	1.483	1.383	1.354	1.571	12.70
75)	P	1,1,2,2-Tetrachlo	1.790	1.737	1.423	1.240	1.119	1.088	1.400	21.86
76)	T	1,2,3-Trichloropr	1.168	1.269	1.151	1.020	0.913	0.888	1.068	14.27
77)	T	Bromobenzene	1.302	1.359	1.149	1.057	0.972	0.938	1.130	15.34
78)	T	n-propylbenzene	4.818	5.028	4.632	4.421	4.053	3.978	4.488	9.32
79)	T	2-Chlorotoluene	3.299	3.430	2.993	2.649	2.401	2.326	2.850	16.27
80)	T	1,3,5-Trimethylbe	3.735	4.146	3.708	3.339	3.030	2.970	3.488	13.09
81)	T	trans-1,4-Dichlor		0.366	0.353	0.339	0.327	0.333	0.344	4.63
82)	T	4-Chlorotoluene	2.785	2.836	2.756	2.602	2.441	2.388	2.635	7.15
83)	T	tert-Butylbenzene	3.635	3.864	3.219	2.860	2.616	2.526	3.120	17.57
84)	T	1,2,4-Trimethylbe	3.174	3.607	3.515	3.240	3.003	2.952	3.248	8.18
85)	T	sec-Butylbenzene	4.292	4.530	4.142	3.801	3.474	3.381	3.936	11.71
86)	T	p-Isopropyltoluen	3.345	3.634	3.587	3.381	3.148	3.123	3.370	6.33
87)	T	1,3-Dichlorobenze	1.771	1.745	1.748	1.695	1.640	1.612	1.702	3.78
88)	T	1,4-Dichlorobenze	1.684	1.664	1.646	1.627	1.597	1.595	1.635	2.21
89)	T	n-Butylbenzene	2.334	2.493	2.445	2.587	2.604	2.652	2.519	4.70
90)	T	Hexachloroethane	0.808	0.795	0.643	0.596	0.555	0.545	0.657	17.81
91)	T	1,2-Dichlorobenze	1.633	1.747	1.770	1.673	1.599	1.577	1.666	4.72
92)	T	1,2-Dibromo-3-Chl	0.233	0.225	0.221	0.207	0.201	0.209	0.216	5.60
93)	T	1,2,4-Trichlorobe	0.522	0.480	0.593	0.747	0.882	0.966	0.698	28.48
94)	T	Hexachlorobutadie	0.840	0.808	0.658	0.594	0.545	0.556	0.667	19.26
95)	T	Naphthalene	1.444	1.351	1.683	2.031	2.303	2.521	1.889	25.07
96)	T	1,2,3-Trichlorobe	0.528	0.574	0.704	0.833	0.919	0.978	0.756	24.36

(#) = Out of Range