Response Factor Report MSVOA_X

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
Method File : 82X081418W.M
Title : SW846 8260
Last Update : Tue Aug 14 07:28:24 2018
Response Via : Initial Calibration

Calibration Files
1 =VX004014.D 5 =VX004015.D 20 =VX004016.D
50 =VX004017.D 100 =VX004018.D 150 =VX004019.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluorom	0.450	0.380	0.393	0.391	0.488	0.391	0.415	10.45
3)	P	Chloromethane	0.759	0.653	0.671	0.629	0.576	0.660	0.658	9.07
4)	C	Vinyl Chloride	0.692	0.639	0.635	0.618	0.644	0.636	0.644	3.92#
5)	T	Bromomethane	0.621	0.425	0.391	0.347	0.327	0.373	0.414	25.86
6)	T	Chloroethane	0.724	0.530	0.477	0.487	0.457	0.399	0.512	21.92
7)	T	Trichlorofluorome	0.949	0.842	0.757	0.755	0.863	0.764	0.822	9.49
8)	T	Diethyl Ether	0.462	0.472	0.474	0.461	0.398	0.484	0.458	6.69
9)	T	1,1,2-Trichlorotr	0.552	0.488	0.430	0.433	0.532	0.436	0.479	11.25
10)	T	Methyl Iodide		0.520	0.573	0.615	0.643	0.742	0.618	13.44
11)	T	Tert butyl alcoho		0.178	0.186	0.175	0.144	0.190	0.175	10.36
12)	CM	1,1-Dichloroethen	0.579	0.535	0.509	0.493	0.517	0.512	0.524	5.72#
13)	T	Acrolein		0.069	0.123	0.118	0.100	0.135	0.109	23.52
14)	T	Allyl chloride	1.122	1.054	1.067	1.056	0.971	1.109	1.063	5.00
15)	T	Acrylonitrile	0.467	0.425	0.475	0.455	0.354	0.464	0.440	10.31
16)	T	Acetone	0.483	0.434	0.471	0.441	0.353	0.458	0.440	10.53
17)	T	Carbon Disulfide	1.649	1.392	1.375	1.362	1.485	1.483	1.458	7.41
18)	T	Methyl Acetate	1.136	0.994	1.037	0.973	0.797	1.040	0.996	11.27
19)	T	Methyl tert-butyl	2.320	2.104	2.318	2.249	1.895	2.331	2.203	7.86
20)	T	Methylene Chlorid	0.991	0.813	0.758	0.715	0.620	0.730	0.771	16.19
21)	T	trans-1,2-Dichlor	0.763	0.641	0.646	0.617	0.584	0.629	0.647	9.42
22)	T	Diisopropyl ether	2.436	2.384	2.404	2.345	2.088	2.362	2.336	5.38
23)	T	Vinyl Acetate	1.843	1.925	2.096	2.045	1.756	2.068	1.956	7.01
24)	P	1,1-Dichloroethan	1.400	1.325	1.304	1.249	1.136	1.229	1.274	7.13
25)	T	2-Butanone	0.725	0.691	0.749	0.729	0.585	0.779	0.710	9.49
26)	T	2,2-Dichloropropa	0.840	0.732	0.678	0.663	0.649	0.680	0.707	10.03
27)	T	cis-1,2-Dichloroe	0.796	0.749	0.758	0.747	0.665	0.766	0.747	5.87
28)	T	Bromochloromethan	0.593	0.571	0.665	0.615	0.518	0.600	0.594	8.22
29)	T	Tetrahydrofuran	0.360	0.346	0.377	0.368	0.305	0.397	0.359	8.77
30)	C	Chloroform	1.308	1.243	1.275	1.223	1.098	1.230	1.229	5.82#
31)	T	Cyclohexane	0.918	0.781	0.722	0.749	0.955	0.793	0.820	11.58
32)	T	1,1,1-Trichloroet	0.968	0.940	0.929	0.919	0.944	0.947	0.941	1.80
33)	S	1,2-Dichloroethan		0.838	0.870	0.840	0.717	0.857	0.824	7.43
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorometh		0.411	0.414	0.404	0.393	0.389	0.402	2.71
36)	T	1,1-Dichloroprope	0.575	0.501	0.471	0.476	0.548	0.469	0.507	8.83
37)	T	Ethyl Acetate	0.782	0.670	0.688	0.665	0.599	0.692	0.683	8.63
38)	T	Carbon Tetrachlor	0.532	0.482	0.447	0.458	0.540	0.445	0.484	8.78
39)	T	Methylcyclohexane	0.565	0.430	0.393	0.434	0.648	0.445	0.486	20.32
40)	TM	Benzene	1.803	1.732	1.697	1.681	1.694	1.666	1.712	2.90
41)	T	Methacrylonitrile	0.395	0.358	0.363	0.362	0.332	0.382	0.365	5.87
42)	TM	1,2-Dichloroethan	0.687	0.657	0.651	0.620	0.581	0.611	0.634	5.92
43)	T	Isopropyl Acetate	1.004	0.918	1.020	1.020	0.965	1.078	1.001	5.48
44)	TM	Trichloroethene	0.481	0.445	0.426	0.423	0.452	0.426	0.442	5.08
45)	C	1,2-Dichloropropa	0.485	0.449	0.459	0.447	0.438	0.448	0.454	3.62#
46)	T	Dibromomethane	0.308	0.298	0.310	0.300	0.287	0.305	0.301	2.74
47)	T	Bromodichlorometh	0.550	0.532	0.555	0.564	0.566	0.583	0.558	3.13
48)	T	Methyl methacryla	0.428	0.426	0.504	0.531	0.504	0.568	0.494	11.49
49)	T	1,4-Dioxane	0.010	0.010	0.012	0.012	0.011	0.013	0.011	9.66
50)	S	Toluene-d8		1.524	1.542	1.528	1.543	1.501	1.528	1.11
51)	T	4-Methyl-2-Pentan	0.660	0.756	0.872	0.863	0.797	0.912	0.810	11.43
52)	CM	Toluene	1.004	1.066	1.070	1.069	1.096	1.067	1.062	2.87#

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		Compound	1	5	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.474	0.517	0.576	0.614	0.634	0.677	0.582	12.97
54)	T	cis-1,3-Dichlorop	0.569	0.582	0.649	0.664	0.676	0.708	0.641	8.52
55)	T	1,1,2-Trichloroet	0.490	0.463	0.478	0.466	0.443	0.475	0.469	3.38
56)	T	Ethyl methacrylat	0.450	0.543	0.632	0.696	0.700	0.787	0.635	19.12
57)	T	1,3-Dichloropropa	0.721	0.779	0.802	0.784	0.752	0.802	0.774	4.08
58)	T	2-Chloroethyl Vin	0.249	0.278	0.359	0.363	0.353	0.389	0.332	16.59
59)	T	2-Hexanone	0.475	0.557	0.659	0.662	0.607	0.703	0.610	13.69
60)	T	Dibromochlorometh	0.412	0.408	0.447	0.459	0.465	0.501	0.449	7.84
61)	T	1,2-Dibromoethane	0.464	0.478	0.494	0.494	0.471	0.505	0.484	3.26
62)	S	4-Bromofluorobenz		0.514	0.562	0.573	0.594	0.618	0.572	6.78
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.495	0.443	0.407	0.405	0.462	0.387	0.433	9.46
65)	PM	Chlorobenzene	1.359	1.292	1.231	1.181	1.272	1.199	1.256	5.25
66)	T	1,1,1,2-Tetrachlo	0.441	0.433	0.433	0.443	0.449	0.452	0.442	1.81
67)	C	Ethyl Benzene	1.878	1.842	1.825	1.940	2.165	1.946	1.933	6.41#
68)	T	m/p-Xylenes	0.724	0.722	0.759	0.776	0.861	0.780	0.770	6.59
69)	T	o-Xylene	0.622	0.700	0.725	0.775	0.830	0.782	0.739	9.88
70)	T	Styrene	0.932	1.119	1.258	1.348	1.435	1.382	1.246	15.22
71)	P	Bromoform	0.317	0.311	0.335	0.360	0.392	0.418	0.356	12.01
72)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
73)	T	Isopropylbenzene	2.832	2.953	3.095	3.073	3.506	2.953	3.069	7.63
74)	T	N-amyl acetate	2.001	1.643	1.734	1.675	1.591	1.638	1.714	8.66
75)	P	1,1,2,2-Tetrachlo	1.434	1.279	1.259	1.213	1.149	1.206	1.257	7.79
76)	T	1,2,3-Trichloropr	1.191	1.101	1.138	1.086	1.003	1.032	1.092	6.27
77)	T	Bromobenzene	0.977	0.940	0.938	0.913	0.946	0.908	0.937	2.67
78)	T	n-propylbenzene	3.090	3.255	3.450	3.541	4.022	3.411	3.461	9.17
79)	T	2-Chlorotoluene	2.184	2.283	2.291	2.236	2.383	2.187	2.260	3.32
80)	T	1,3,5-Trimethylbe	2.193	2.414	2.630	2.620	2.954	2.597	2.568	9.86
81)	T	trans-1,4-Dichlor	0.271	0.252	0.296	0.324	0.336	0.370	0.308	14.17
82)	T	4-Chlorotoluene	2.278	2.521	2.677	2.620	2.807	2.616	2.587	6.88
83)	T	tert-Butylbenzene	2.291	2.360	2.430	2.522	2.948	2.529	2.513	9.23
84)	T	1,2,4-Trimethylbe	2.482	2.564	2.840	2.840	3.052	2.769	2.758	7.50
85)	T	sec-Butylbenzene	2.384	2.598	2.713	2.753	3.464	2.773	2.781	13.10
86)	T	p-Isopropyltoluen	2.141	2.361	2.496	2.554	3.136	2.589	2.546	13.03
87)	T	1,3-Dichlorobenze	1.788	1.731	1.656	1.643	1.733	1.621	1.695	3.84
88)	T	1,4-Dichlorobenze	2.043	1.841	1.717	1.693	1.760	1.662	1.786	7.87
89)	T	n-Butylbenzene	1.869	1.742	1.853	2.042	2.674	2.073	2.042	16.33
90)	T	Hexachloroethane	0.386	0.359	0.365	0.367	0.456	0.397	0.388	9.35
91)	T	1,2-Dichlorobenze	1.910	1.651	1.639	1.658	1.692	1.651	1.700	6.14
92)	T	1,2-Dibromo-3-Chl	0.222	0.195	0.219	0.222	0.217	0.237	0.219	6.16
93)	T	1,2,4-Trichlorobe	1.049	0.986	0.982	1.038	1.148	1.084	1.048	5.98
94)	T	Hexachlorobutadie	0.553	0.413	0.359	0.367	0.523	0.386	0.434	19.30
95)	T	Naphthalene	2.587	2.641	3.276	3.698	3.633	3.809	3.274	16.55
96)	T	1,2,3-Trichlorobe	1.057	1.099	1.145	1.158	1.239	1.201	1.150	5.77

(#) = Out of Range