Response Factor Report MSVOA_X

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
Method File : 82X120420W.M
Title : SW846 8260
Last Update : Fri Dec 04 15:32:53 2020
Response Via : Initial Calibration

Calibration Files
1 =VX019710.D 5 =VX019711.D 20 =VX019717.D
50 =VX019713.D 100 =VX019714.D 150 =VX019715.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	----------	ISTD	----------	----------	----------		
2)	T	Dichlorodifluorom	0.436	0.453	0.456	0.488	0.459	0.456	0.458	3.68
3)	P	Chloromethane	0.638	0.553	0.510	0.523	0.503	0.503	0.538	9.73
4)	C	Vinyl Chloride	0.542	0.584	0.569	0.586	0.563	0.562	0.568	2.83#
5)	T	Bromomethane		0.209	0.204	0.192	0.171	0.165	0.188	10.44
6)	T	Chloroethane	0.366	0.367	0.351	0.358	0.345	0.259	0.341	12.11
7)	T	Trichlorofluorome	0.797	0.810	0.798	0.805	0.773	0.760	0.791	2.48
8)	T	Diethyl Ether	0.362	0.339	0.332	0.333	0.323	0.321	0.335	4.37
9)	T	1,1,2-Trichlorotr	0.446	0.458	0.462	0.463	0.439	0.452	0.453	2.07
10)	T	Methyl Iodide		0.650	0.640	0.680	0.681	0.688	0.668	3.21
11)	T	Tert butyl alcoho		0.190	0.137	0.133	0.131	0.136	0.145	17.31
12)	CM	1,1-Dichloroethen	0.448	0.459	0.458	0.468	0.451	0.465	0.458	1.66#
13)	T	Acrolein		0.084	0.059	0.069	0.073	0.077	0.073	12.63
14)	T	Allyl chloride	0.794	0.772	0.763	0.776	0.767	0.770	0.774	1.42
15)	T	Acrylonitrile	0.294	0.308	0.292	0.296	0.293	0.300	0.297	2.02
16)	T	Acetone	0.274	0.251	0.229	0.250	0.235	0.243	0.247	6.39
17)	T	Carbon Disulfide	1.451	1.286	1.286	1.312	1.271	1.281	1.314	5.19
18)	T	Methyl Acetate	0.612	0.618	0.564	0.615	0.602	0.616	0.604	3.44
19)	T	Methyl tert-butyl	1.582	1.692	1.690	1.704	1.667	1.676	1.668	2.65
20)	T	Methylene Chlorid	0.893	0.666	0.580	0.584	0.560	0.549	0.639	20.53
21)	T	trans-1,2-Dichlor	0.530	0.548	0.539	0.544	0.523	0.521	0.534	2.06
22)	T	Diisopropyl ether	1.476	1.607	1.597	1.601	1.558	1.547	1.564	3.19
23)	T	Vinyl Acetate	1.216	1.346	1.357	1.382	1.349	1.346	1.333	4.40
24)	P	1,1-Dichloroethan	0.932	0.988	0.947	0.952	0.924	0.916	0.943	2.74
25)	T	2-Butanone	0.375	0.387	0.365	0.381	0.379	0.391	0.380	2.45
26)	T	2,2-Dichloropropa	0.782	0.818	0.814	0.827	0.818	0.815	0.812	1.90
27)	T	cis-1,2-Dichloroe	0.647	0.644	0.622	0.623	0.607	0.607	0.625	2.77
28)	T	Bromochloromethan	0.472	0.450	0.447	0.453	0.442	0.435	0.450	2.82
29)	T	Tetrahydrofuran	0.242	0.252	0.237	0.244	0.242	0.250	0.245	2.27
30)	C	Chloroform	0.968	0.999	0.975	0.982	0.952	0.944	0.970	2.09#
31)	T	Cyclohexane	0.770	0.832	0.841	0.847	0.808	0.806	0.817	3.51
32)	T	1,1,1-Trichloroet	0.809	0.844	0.839	0.857	0.829	0.834	0.835	1.92
33)	S	1,2-Dichloroethan	0.814	0.649	0.626	0.624	0.620	0.609	0.657	11.88
34)	I	1,4-Difluorobenzene	----------	----------	ISTD	----------	----------	----------		
35)	S	Dibromofluorometh	0.371	0.320	0.319	0.313	0.308	0.308	0.323	7.39
36)	T	1,1-Dichloroprope	0.454	0.461	0.465	0.451	0.438	0.441	0.452	2.36
37)	T	Ethyl Acetate	0.456	0.479	0.452	0.445	0.444	0.461	0.456	2.83
38)	T	Carbon Tetrachlor	0.436	0.440	0.446	0.454	0.435	0.443	0.442	1.60
39)	T	Methylcyclohexane	0.499	0.520	0.561	0.547	0.525	0.534	0.531	4.11
40)	TM	Benzene	1.385	1.443	1.405	1.382	1.327	1.340	1.380	3.09
41)	T	Methacrylonitrile	0.264	0.255	0.241	0.249	0.241	0.253	0.250	3.56
42)	TM	1,2-Dichloroethan	0.464	0.492	0.484	0.476	0.454	0.459	0.472	3.10
43)	T	Isopropyl Acetate	0.735	0.751	0.730	0.733	0.735	0.766	0.742	1.92
44)	TM	Trichloroethene	0.363	0.369	0.371	0.364	0.351	0.354	0.362	2.16
45)	C	1,2-Dichloropropa	0.339	0.358	0.353	0.345	0.337	0.338	0.345	2.57#
46)	T	Dibromomethane	0.225	0.236	0.236	0.235	0.231	0.234	0.233	1.97
47)	T	Bromodichlorometh	0.440	0.450	0.465	0.473	0.469	0.476	0.462	3.09
48)	T	Methyl methacryla	0.342	0.361	0.362	0.366	0.372	0.386	0.365	3.92
49)	T	1,4-Dioxane	0.008	0.009	0.009	0.009	0.009	0.009	0.009	2.38
50)	S	Toluene-d8	1.355	1.213	1.237	1.215	1.195	1.186	1.234	5.02
51)	T	4-Methyl-2-Pentan	0.406	0.463	0.458	0.454	0.464	0.471	0.453	5.22
52)	CM	Toluene	0.825	0.897	0.887	0.873	0.850	0.846	0.863	3.16#

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		Compound	1	5	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.431	0.486	0.526	0.537	0.540	0.558	0.513	9.13
54)	T	cis-1,3-Dichlorop	0.491	0.537	0.577	0.579	0.573	0.587	0.557	6.64
55)	T	1,1,2-Trichloroet	0.324	0.359	0.355	0.350	0.347	0.352	0.348	3.55
56)	T	Ethyl methacrylat	0.441	0.496	0.532	0.545	0.563	0.581	0.526	9.66
57)	T	1,3-Dichloropropa	0.581	0.619	0.599	0.591	0.580	0.593	0.594	2.41
58)	T	2-Chloroethyl Vin	0.256	0.274	0.279	0.280	0.287	0.296	0.279	4.82
59)	T	2-Hexanone	0.303	0.361	0.362	0.355	0.359	0.367	0.351	6.80
60)	T	Dibromochlorometh	0.284	0.346	0.356	0.367	0.375	0.393	0.353	10.62
61)	T	1,2-Dibromoethane	0.358	0.371	0.373	0.369	0.369	0.377	0.369	1.76
62)	S	4-Bromofluorobenz	0.476	0.445	0.477	0.463	0.476	0.481	0.470	2.90
63)	I	Chlorobenzene-d5	----------	ISTD	----------					
64)	T	Tetrachloroethene	0.354	0.341	0.356	0.339	0.310	0.312	0.335	5.92
65)	PM	Chlorobenzene	1.006	1.018	1.036	1.007	0.955	0.956	0.996	3.36
66)	T	1,1,1,2-Tetrachlo	0.327	0.356	0.373	0.369	0.359	0.367	0.359	4.63
67)	C	Ethyl Benzene	1.677	1.790	1.877	1.821	1.714	1.730	1.768	4.21#
68)	T	m/p-Xylenes	0.616	0.663	0.716	0.689	0.657	0.656	0.666	5.09
69)	T	o-Xylene	0.579	0.641	0.678	0.662	0.641	0.645	0.641	5.26
70)	T	Styrene	0.906	1.063	1.144	1.145	1.113	1.120	1.082	8.43
71)	P	Bromoform	0.217	0.259	0.294	0.302	0.299	0.321	0.282	13.45
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
73)	T	Isopropylbenzene	3.242	3.538	3.592	3.431	3.367	3.326	3.416	3.86
74)	T	N-amyl acetate	1.245	1.364	1.403	1.397	1.395	1.410	1.369	4.57
75)	P	1,1,2,2-Tetrachlo	1.217	1.296	1.213	1.198	1.149	1.153	1.204	4.44
76)	T	1,2,3-Trichloropr	1.142	1.211	1.130	1.118	1.085	1.042	1.121	5.08
77)	T	Bromobenzene	0.882	0.901	0.903	0.856	0.867	0.836	0.874	2.99
78)	T	n-propylbenzene	3.629	3.924	4.087	3.979	3.951	3.840	3.902	4.00
79)	T	2-Chlorotoluene	2.391	2.502	2.452	2.396	2.363	2.313	2.403	2.78
80)	T	1,3,5-Trimethylbe	2.606	2.968	3.015	2.979	2.900	2.830	2.883	5.23
81)	T	trans-1,4-Dichlor	0.329	0.349	0.387	0.403	0.424	0.436	0.388	10.81
82)	T	4-Chlorotoluene	2.779	2.855	2.935	2.806	2.787	2.720	2.814	2.62
83)	T	tert-Butylbenzene	2.651	2.822	2.916	2.892	2.870	2.813	2.828	3.37
84)	T	1,2,4-Trimethylbe	2.608	2.913	3.056	3.014	2.938	2.895	2.904	5.43
85)	T	sec-Butylbenzene	2.938	3.203	3.387	3.335	3.286	3.221	3.228	4.90
86)	T	p-Isopropyltoluen	2.593	2.907	3.142	3.091	3.029	2.989	2.959	6.65
87)	T	1,3-Dichlorobenze	1.672	1.625	1.652	1.613	1.547	1.518	1.604	3.75
88)	T	1,4-Dichlorobenze	1.748	1.660	1.680	1.619	1.551	1.548	1.634	4.77
89)	T	n-Butylbenzene	2.382	2.459	2.721	2.731	2.698	2.736	2.621	6.03
90)	T	Hexachloroethane	0.455	0.494	0.506	0.519	0.538	0.553	0.511	6.79
91)	T	1,2-Dichlorobenze	1.613	1.632	1.605	1.582	1.470	1.483	1.564	4.44
92)	T	1,2-Dibromo-3-Chl	0.250	0.260	0.244	0.256	0.266	0.278	0.259	4.73
93)	T	1,2,4-Trichlorobe	0.990	0.918	1.053	1.050	1.028	1.070	1.018	5.55
94)	T	Hexachlorobutadie	0.551	0.434	0.461	0.444	0.405	0.436	0.455	11.04
95)	T	Naphthalene	3.008	3.036	3.344	3.429	3.480	3.507	3.301	6.75
96)	T	1,2,3-Trichlorobe	0.965	0.928	1.018	1.025	1.007	1.028	0.995	4.04

(#) = Out of Range