Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X032124W.M
Title : SW846 8260
Last Update : Fri Mar 22 02:44:48 2024
Response Via : Initial Calibration

Calibration Files
1 =VX040736.D 5 =VX040737.D 20 =VX040738.D 50 =VX040739.D 100 =VX040740.D 150 =VX040741.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.662	0.603	0.628	0.689	0.724	0.578	0.647	8.46
3)	P	Chloromethane	0.765	0.709	0.633	0.664	0.667	0.534	0.662	11.73
4)	C	Vinyl Chloride	0.624	0.625	0.597	0.675	0.683	0.556	0.627	7.62#
5)	T	Bromomethane		0.438	0.425	0.515	0.409	0.325	0.422	16.11
6)	T	Chloroethane	0.421	0.492	0.426	0.461	0.492	0.350	0.440	12.27
7)	T	Trichlorofluor...	1.142	1.080	0.996	1.164	1.223	0.975	1.096	8.90
8)	T	Diethyl Ether	0.377	0.342	0.322	0.364	0.398	0.312	0.352	9.45
9)	T	1,1,2-Trichlor...	0.609	0.650	0.601	0.668	0.707	0.548	0.631	8.91
10)	T	Methyl Iodide		0.837	0.799	0.854	0.941	0.742	0.835	8.81
11)	T	Tert butyl alc...		0.127	0.125	0.136	0.160	0.126	0.135	11.07
12)	CM	1,1-Dichloroet...	0.636	0.584	0.547	0.609	0.660	0.507	0.591	9.58#
13)	T	Acrolein		0.081	0.069	0.077	0.095	0.076	0.080	12.17
14)	T	Allyl chloride	1.088	1.022	0.996	1.097	1.195	0.952	1.058	8.20
15)	T	Acrylonitrile	0.314	0.328	0.320	0.351	0.380	0.300	0.332	8.65
16)	T	Acetone	0.335	0.305	0.284	0.298	0.323	0.242	0.298	11.02
17)	T	Carbon Disulfide	1.944	1.618	1.593	1.723	1.830	1.470	1.696	10.15
18)	T	Methyl Acetate	0.921	0.780	0.741	0.771	0.880	0.696	0.798	10.71
19)	T	Methyl tert-bu...	1.881	2.050	1.936	2.140	2.342	1.883	2.038	8.83
20)	T	Methylene Chlo...	0.645	0.675	0.621	0.675	0.718	0.572	0.651	7.76
21)	T	trans-1,2-Dich...	0.648	0.640	0.585	0.640	0.686	0.541	0.623	8.27
22)	T	Diisopropyl ether	1.911	2.035	1.967	2.175	2.397	1.907	2.065	9.22
23)	T	Vinyl Acetate	1.723	1.917	1.882	2.075	2.284	1.832	1.952	10.20
24)	P	1,1-Dichloroet...	1.141	1.211	1.140	1.233	1.327	1.066	1.186	7.63
25)	T	2-Butanone	0.419	0.478	0.458	0.492	0.532	0.418	0.466	9.45
26)	T	2,2-Dichloropr...	1.016	0.937	0.932	1.107	1.231	0.989	1.035	11.11
27)	T	cis-1,2-Dichlo...	0.708	0.738	0.681	0.745	0.812	0.650	0.722	7.80
28)	T	Bromochloromet...	0.535	0.598	0.516	0.512	0.561	0.534	0.543	5.97
29)	T	Tetrahydrofuran	0.319	0.283	0.298	0.318	0.360	0.283	0.310	9.34
30)	C	Chloroform	1.199	1.241	1.241	1.324	1.460	1.154	1.270	8.58#
31)	T	Cyclohexane		0.948	0.955	1.059	1.125	0.907	0.999	9.01
32)	T	1,1,1-Trichlor...	0.945	1.014	1.032	1.197	1.311	1.052	1.092	12.41
33)	S	1,2-Dichloroet...		0.953	0.825	0.745	0.866	0.815	0.841	9.08
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.373	0.380	0.385	0.384	0.349	0.374	3.91
36)	T	1,1-Dichloropr...	0.548	0.499	0.566	0.579	0.626	0.488	0.551	9.34
37)	T	Ethyl Acetate	0.601	0.554	0.637	0.684	0.721	0.556	0.626	10.90
38)	T	Carbon Tetrach...	0.602	0.558	0.611	0.659	0.729	0.562	0.620	10.47
39)	T	Methylcyclohexane	0.552	0.546	0.611	0.684	0.695	0.573	0.610	10.76
40)	TM	Benzene	1.485	1.415	1.571	1.541	1.754	1.361	1.521	9.08
41)	T	Methacrylonitrile	0.245	0.299	0.330	0.368	0.398	0.302	0.323	16.83
42)	TM	1,2-Dichloroet...	0.515	0.563	0.653	0.631	0.745	0.586	0.616	13.00
43)	T	Isopropyl Acetate	0.861	0.841	0.975	1.064	1.221	0.931	0.982	14.46
44)	TM	Trichloroethene	0.344	0.338	0.359	0.396	0.420	0.330	0.365	9.78
45)	C	1,2-Dichloropr...	0.312	0.328	0.366	0.395	0.407	0.333	0.357	10.82#
46)	T	Dibromomethane	0.227	0.258	0.300	0.318	0.328	0.265	0.283	13.75
47)	T	Bromodichlorom...	0.499	0.526	0.582	0.648	0.678	0.532	0.578	12.51
48)	T	Methyl methacr...	0.355	0.372	0.474	0.501	0.553	0.440	0.449	17.00
49)	T	1,4-Dioxane	0.007	0.007	0.008	0.008	0.009	0.007	0.008	13.08
50)	S	Toluene-d8		1.360	1.362	1.309	1.254	1.121	1.281	7.79
51)	T	4-Methyl-2-Pen...	0.518	0.550	0.657	0.674	0.717	0.539	0.609	13.67
52)	CM	Toluene	0.853	0.790	0.975	1.021	1.003	0.801	0.907	11.52#
53)	T	t-1,3-Dichloro...	0.520	0.520	0.614	0.659	0.691	0.581	0.597	11.87
54)	T	cis-1,3-Dichlo...	0.518	0.519	0.654	0.695	0.742	0.579	0.618	15.17
55)	T	1,1,2-Trichlor...	0.353	0.333	0.387	0.402	0.415	0.327	0.369	10.04
56)	T	Ethyl methacry...	0.493	0.522	0.638	0.713	0.743	0.596	0.618	16.26

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57)	T	1,3-Dichloropr...	0.541	0.586	0.658	0.694	0.739	0.565	0.630	12.46
58)	T	2-Chloroethyl ...	0.241	0.275	0.322	0.320	0.417	0.370	0.324	19.56
59)	T	2-Hexanone	0.378	0.413	0.508	0.510	0.576	0.446	0.472	15.45
60)	T	Dibromochlorom...	0.370	0.374	0.453	0.478	0.527	0.404	0.434	14.40
61)	T	1,2-Dibromoethane	0.343	0.347	0.406	0.427	0.467	0.351	0.390	13.12
62)	S	4-Bromofluorob...		0.544	0.463	0.503	0.562	0.458	0.506	9.22
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.423	0.311	0.372	0.383	0.405	0.341	0.372	11.06
65)	PM	Chlorobenzene	1.142	1.079	1.050	1.232	1.286	1.017	1.134	9.37
66)	T	1,1,1,2-Tetrac...	0.373	0.332	0.361	0.428	0.464	0.358	0.386	12.95
67)	C	Ethyl Benzene	1.909	1.848	1.963	2.222	2.376	1.868	2.031	10.68#
68)	T	m/p-Xylenes	0.682	0.665	0.720	0.815	0.903	0.677	0.744	12.84
69)	T	o-Xylene	0.621	0.679	0.669	0.789	0.873	0.655	0.714	13.44
70)	T	Styrene	0.942	1.094	1.116	1.335	1.538	1.149	1.196	17.54
71)	P	Bromoform	0.251	0.272	0.285	0.332	0.416	0.335	0.315	18.92
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.573	3.810	3.358	3.962	4.652	3.407	3.794	12.66
74)	T	N-amyl acetate	1.496	1.721	1.587	2.036	2.514	1.853	1.868	19.81
75)	P	1,1,2,2-Tetrac...	1.255	1.361	1.126	1.317	1.563	1.085	1.284	13.49
76)	T	1,2,3-Trichlor...	0.948	1.163	0.918	1.160	1.346	0.918	1.075	16.33
77)	T	Bromobenzene	0.885	0.971	0.804	0.956	1.108	0.786	0.918	13.04
78)	T	n-propylbenzene	4.473	4.754	4.077	4.880	5.787	4.094	4.678	13.59
79)	T	2-Chlorotoluene	2.472	2.859	2.412	2.816	3.196	2.440	2.699	11.56
80)	T	1,3,5-Trimethy...	2.914	3.167	2.884	3.432	3.767	2.918	3.180	11.21
81)	T	trans-1,4-Dich...		0.353	0.346	0.455	0.575	0.397	0.425	22.24
82)	T	4-Chlorotoluene	3.650	3.466	2.881	3.467	3.844	3.005	3.385	10.99
83)	T	tert-Butylbenzene	3.339	3.071	2.936	3.436	3.470	2.887	3.190	8.07
84)	T	1,2,4-Trimethy...	3.164	3.053	2.986	3.382	3.663	2.959	3.201	8.54
85)	T	sec-Butylbenzene	4.061	3.770	3.837	4.363	4.658	3.649	4.056	9.56
86)	T	p-Isopropyltol...	3.253	2.994	3.213	3.594	3.995	3.134	3.364	10.93
87)	T	1,3-Dichlorobe...	1.688	1.724	1.648	1.878	1.966	1.618	1.754	7.88
88)	T	1,4-Dichlorobe...	2.115	1.791	1.695	1.871	2.055	1.647	1.862	10.21
89)	T	n-Butylbenzene	3.439	2.981	3.224	3.585	3.955	3.168	3.392	10.25
90)	T	Hexachloroethane	0.541	0.493	0.545	0.669	0.717	0.549	0.586	14.85
91)	T	1,2-Dichlorobe...	1.826	1.658	1.609	1.775	1.939	1.530	1.723	8.78
92)	T	1,2-Dibromo-3-...	0.352	0.258	0.309	0.334	0.382	0.289	0.321	13.98
93)	T	1,2,4-Trichlor...	1.207	1.105	1.151	1.317	1.447	1.120	1.224	10.90
94)	T	Hexachlorobuta...	0.490	0.471	0.437	0.514	0.557	0.426	0.483	10.16
95)	T	Naphthalene	3.784	3.265	3.644	4.147	4.824	3.579	3.874	14.12
96)	T	1,2,3-Trichlor...	1.324	1.117	1.087	1.221	1.411	1.058	1.203	11.75

(#) = Out of Range