Response Factor Report MSVOA_X

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
Method File : 82X082120W.M
Title : SW846 8260
Last Update : Fri Aug 21 03:03:56 2020
Response Via : Initial Calibration

Calibration Files
1 =VX018041.D 5 =VX018042.D 20 =VX018043.D
50 =VX018044.D 100 =VX018045.D 150 =VX018046.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluorom	0.552	0.567	0.628	0.644	0.637	0.625	0.609	6.46
3)	P	Chloromethane	0.688	0.645	0.592	0.632	0.653	0.641	0.642	4.90
4)	C	Vinyl Chloride	0.648	0.631	0.628	0.646	0.652	0.628	0.639	1.70#
5)	T	Bromomethane		0.281	0.327	0.315	0.310	0.307	0.308	5.43
6)	T	Chloroethane	0.319	0.354	0.346	0.351	0.353	0.336	0.343	3.92
7)	T	Trichlorofluorome	0.807	0.949	0.850	0.883	0.873	0.865	0.871	5.36
8)	T	Diethyl Ether	0.298	0.306	0.282	0.295	0.297	0.295	0.295	2.56
9)	T	1,1,2-Trichlorotr	0.472	0.509	0.458	0.468	0.457	0.462	0.471	4.20
10)	T	Methyl Iodide		0.268	0.358	0.474	0.550	0.540	0.438	27.85
11)	T	Tert butyl alcoho		0.144	0.127	0.133	0.137	0.134	0.135	4.44
12)	CM	1,1-Dichloroethen	0.517	0.515	0.473	0.480	0.476	0.471	0.489	4.40#
13)	T	Acrolein		0.055	0.050	0.055	0.059	0.061	0.056	7.97
14)	T	Allyl chloride	0.795	0.909	0.869	0.895	0.906	0.894	0.878	4.87
15)	T	Acrylonitrile	0.299	0.314	0.294	0.304	0.315	0.312	0.306	2.77
16)	T	Acetone	0.309	0.271	0.257	0.258	0.266	0.262	0.270	7.24
17)	T	Carbon Disulfide	1.801	1.490	1.365	1.398	1.406	1.403	1.477	11.10
18)	T	Methyl Acetate	0.579	0.716	0.634	0.651	0.670	0.666	0.653	6.94
19)	T	Methyl tert-butyl	1.582	1.724	1.638	1.692	1.732	1.687	1.676	3.40
20)	T	Methylene Chlorid	0.807	0.660	0.544	0.568	0.559	0.538	0.613	17.15
21)	T	trans-1,2-Dichlor	0.593	0.562	0.513	0.524	0.534	0.522	0.541	5.63
22)	T	Diisopropyl ether	1.619	1.820	1.699	1.757	1.769	1.732	1.733	3.97
23)	T	Vinyl Acetate	1.337	1.575	1.532	1.603	1.626	1.577	1.542	6.83
24)	P	1,1-Dichloroethan	0.937	1.053	0.955	0.992	1.001	0.979	0.986	4.11
25)	T	2-Butanone	0.427	0.461	0.428	0.442	0.456	0.454	0.445	3.34
26)	T	2,2-Dichloropropa	0.852	0.839	0.783	0.789	0.787	0.766	0.803	4.27
27)	T	cis-1,2-Dichloroe	0.684	0.642	0.581	0.602	0.619	0.615	0.624	5.71
28)	T	Bromochloromethan	0.543	0.483	0.427	0.464	0.461	0.479	0.476	8.05
29)	T	Tetrahydrofuran	0.260	0.287	0.277	0.288	0.297	0.290	0.283	4.65
30)	C	Chloroform	1.041	1.058	0.992	1.018	1.024	0.995	1.021	2.52#
31)	T	Cyclohexane		0.837	0.799	0.835	0.844	0.839	0.831	2.17
32)	T	1,1,1-Trichloroet	0.967	0.950	0.907	0.930	0.946	0.923	0.937	2.31
33)	S	1,2-Dichloroethan		0.744	0.667	0.668	0.692	0.700	0.694	4.56
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorometh		0.364	0.314	0.333	0.342	0.349	0.341	5.39
36)	T	1,1-Dichloroprope	0.470	0.475	0.430	0.469	0.468	0.456	0.461	3.60
37)	T	Ethyl Acetate	0.502	0.570	0.518	0.530	0.551	0.542	0.536	4.51
38)	T	Carbon Tetrachlor	0.508	0.538	0.503	0.529	0.529	0.511	0.520	2.67
39)	T	Methylcyclohexane	0.502	0.497	0.473	0.518	0.521	0.515	0.504	3.55
40)	TM	Benzene	1.350	1.417	1.306	1.350	1.389	1.318	1.355	3.09
41)	T	Methacrylonitrile	0.329	0.282	0.271	0.290	0.299	0.293	0.294	6.71
42)	TM	1,2-Dichloroethan	0.518	0.550	0.498	0.517	0.529	0.503	0.519	3.55
43)	T	Isopropyl Acetate	0.818	0.873	0.827	0.877	0.912	0.883	0.865	4.12
44)	TM	Trichloroethene	0.378	0.404	0.367	0.384	0.390	0.375	0.383	3.39
45)	C	1,2-Dichloropropa	0.336	0.395	0.353	0.370	0.374	0.363	0.365	5.47#
46)	T	Dibromomethane	0.265	0.257	0.248	0.254	0.262	0.256	0.257	2.40
47)	T	Bromodichlorometh	0.475	0.554	0.480	0.522	0.532	0.514	0.513	5.95
48)	T	Methyl methacryla	0.398	0.427	0.402	0.436	0.466	0.456	0.431	6.42
49)	T	1,4-Dioxane	0.007	0.008	0.007	0.008	0.008	0.008	0.008	5.58
50)	S	Toluene-d8		1.358	1.189	1.249	1.266	1.279	1.268	4.81
51)	T	4-Methyl-2-Pentan	0.464	0.552	0.521	0.554	0.574	0.541	0.534	7.19
52)	CM	Toluene	0.827	0.907	0.825	0.869	0.879	0.848	0.859	3.71#

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
Method File : 82X082120W.M
Title : SW846 8260
Last Update : Fri Aug 21 03:03:56 2020
Response Via : Initial Calibration

Calibration Files
1 =VX018041.D 5 =VX018042.D 20 =VX018043.D
50 =VX018044.D 100 =VX018045.D 150 =VX018046.D

		Compound	1	5	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.514	0.561	0.544	0.582	0.619	0.590	0.568	6.50
54)	T	cis-1,3-Dichlorop	0.567	0.615	0.576	0.609	0.633	0.612	0.602	4.19
55)	T	1,1,2-Trichloroet	0.348	0.406	0.344	0.368	0.373	0.359	0.366	6.11
56)	T	Ethyl methacrylat	0.470	0.530	0.513	0.564	0.610	0.582	0.545	9.29
57)	T	1,3-Dichloropropa	0.543	0.655	0.583	0.610	0.633	0.603	0.604	6.47
58)	T	2-Chloroethyl Vin	0.204	0.276	0.221	0.247	0.264	0.258	0.245	11.20
59)	T	2-Hexanone	0.337	0.418	0.399	0.429	0.443	0.412	0.406	9.18
60)	T	Dibromochlorometh	0.396	0.430	0.403	0.438	0.462	0.450	0.430	6.06
61)	T	1,2-Dibromoethane	0.372	0.422	0.379	0.401	0.417	0.397	0.398	4.98
62)	S	4-Bromofluorobenz		0.519	0.467	0.492	0.510	0.507	0.499	4.12
63)	I	Chlorobenzene-d5	----------	ISTD	----------					
64)	T	Tetrachloroethene	0.407	0.410	0.345	0.369	0.345	0.329	0.367	9.30
65)	PM	Chlorobenzene	0.949	1.045	0.981	1.010	1.026	0.981	0.999	3.48
66)	T	1,1,1,2-Tetrachlo	0.372	0.406	0.377	0.402	0.411	0.394	0.394	4.06
67)	C	Ethyl Benzene	1.514	1.758	1.652	1.767	1.768	1.731	1.698	5.92#
68)	T	m/p-Xylenes	0.528	0.653	0.632	0.674	0.667	0.649	0.634	8.53
69)	T	o-Xylene	0.555	0.609	0.600	0.638	0.652	0.633	0.614	5.67
70)	T	Styrene	0.886	1.018	1.043	1.122	1.137	1.073	1.046	8.69
71)	P	Bromoform	0.319	0.334	0.320	0.349	0.356	0.338	0.336	4.43
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
73)	T	Isopropylbenzene	2.873	3.430	3.195	3.449	3.484	3.357	3.298	7.04
74)	T	N-amyl acetate	1.278	1.559	1.495	1.678	1.741	1.637	1.565	10.54
75)	P	1,1,2,2-Tetrachlo	1.197	1.271	1.100	1.128	1.166	1.119	1.163	5.43
76)	T	1,2,3-Trichloropr	1.225	1.184	1.044	1.095	1.092	1.033	1.112	6.91
77)	T	Bromobenzene	0.885	0.986	0.880	0.899	0.928	0.891	0.912	4.40
78)	T	n-propylbenzene	3.154	3.827	3.667	3.889	4.026	3.905	3.745	8.33
79)	T	2-Chlorotoluene	2.031	2.405	2.272	2.390	2.436	2.348	2.314	6.47
80)	T	1,3,5-Trimethylbe	2.108	2.771	2.687	2.905	2.931	2.858	2.710	11.38
81)	T	trans-1,4-Dichlor		0.398	0.376	0.418	0.443	0.424	0.412	6.21
82)	T	4-Chlorotoluene	2.496	2.901	2.647	2.817	2.866	2.775	2.750	5.55
83)	T	tert-Butylbenzene	2.321	2.683	2.597	2.789	2.885	2.772	2.675	7.44
84)	T	1,2,4-Trimethylbe	2.170	2.844	2.792	2.947	2.988	2.884	2.771	10.91
85)	T	sec-Butylbenzene	2.441	3.098	2.949	3.227	3.308	3.227	3.042	10.53
86)	T	p-Isopropyltoluen	2.187	2.769	2.782	3.016	3.051	2.959	2.794	11.45
87)	T	1,3-Dichlorobenze	1.561	1.696	1.546	1.567	1.645	1.589	1.601	3.62
88)	T	1,4-Dichlorobenze	1.660	1.669	1.532	1.576	1.600	1.579	1.603	3.29
89)	T	n-Butylbenzene	2.192	2.592	2.446	2.643	2.743	2.684	2.550	7.94
90)	T	Hexachloroethane	0.459	0.568	0.522	0.574	0.591	0.586	0.550	9.24
91)	T	1,2-Dichlorobenze	1.475	1.545	1.443	1.534	1.547	1.495	1.507	2.83
92)	T	1,2-Dibromo-3-Chl	0.286	0.314	0.266	0.282	0.304	0.294	0.291	5.80
93)	T	1,2,4-Trichlorobe	0.977	1.028	0.925	1.011	1.047	1.039	1.005	4.60
94)	T	Hexachlorobutadie	0.429	0.388	0.384	0.390	0.394	0.392	0.396	4.14
95)	T	Naphthalene	2.797	3.220	3.193	3.457	3.672	3.499	3.306	9.31
96)	T	1,2,3-Trichlorobe	0.964	1.006	0.920	0.981	1.040	1.046	0.993	4.81

(#) = Out of Range