Response Factor Report MSVOA_X

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
Method File : 82X082218W.M
Title : SW846 8260
Last Update : Thu Aug 23 05:39:44 2018
Response Via : Initial Calibration

Calibration Files
1 =VX004197.D 5 =VX004191.D 20 =VX004192.D
50 =VX004193.D 100 =VX004194.D 150 =VX004195.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluorom	0.581	0.416	0.633	0.625	0.603	0.618	0.579	14.18
3)	P	Chloromethane	0.891	0.588	0.660	0.643	0.616	0.653	0.675	16.15
4)	C	Vinyl Chloride	0.689	0.605	0.679	0.675	0.633	0.650	0.655	4.87#
5)	T	Bromomethane	0.706	0.351	0.359	0.333	0.318	0.312	0.397	38.53
6)	T	Chloroethane	0.739	0.473	0.446	0.438	0.421	0.342	0.476	28.61
7)	T	Trichlorofluorome	1.012	0.839	0.895	0.908	0.855	0.877	0.898	6.83
8)	T	Diethyl Ether	0.418	0.381	0.376	0.380	0.367	0.385	0.384	4.59
9)	T	1,1,2-Trichlorotr	0.680	0.536	0.561	0.546	0.517	0.534	0.562	10.55
10)	T	Methyl Iodide		0.409	0.533	0.624	0.636	0.687	0.578	18.94
11)	T	Tert butyl alcoho		0.145	0.141	0.139	0.130	0.140	0.139	4.12
12)	CM	1,1-Dichloroethen	0.624	0.509	0.517	0.515	0.495	0.517	0.530	8.90#
13)	T	Acrolein		0.037	0.032	0.033	0.033	0.033	0.033	5.98
14)	T	Allyl chloride	1.021	0.953	0.972	0.974	0.945	0.973	0.973	2.71
15)	T	Acrylonitrile	0.396	0.348	0.333	0.333	0.320	0.333	0.344	7.92
16)	T	Acetone	0.421	0.360	0.283	0.275	0.256	0.262	0.310	21.50
17)	T	Carbon Disulfide	2.239	1.268	1.435	1.456	1.439	1.508	1.557	22.05
18)	T	Methyl Acetate	1.052	0.901	0.998	0.975	0.924	0.952	0.967	5.61
19)	T	Methyl tert-butyl	1.883	1.778	1.715	1.714	1.663	1.720	1.746	4.38
20)	T	Methylene Chlorid	0.800	0.635	0.603	0.581	0.563	0.582	0.627	14.03
21)	T	trans-1,2-Dichlor	0.753	0.557	0.560	0.557	0.535	0.555	0.586	14.03
22)	T	Diisopropyl ether	2.000	1.859	1.748	1.773	1.729	1.793	1.817	5.51
23)	T	Vinyl Acetate	1.523	1.476	1.455	1.474	1.434	1.475	1.473	2.00
24)	P	1,1-Dichloroethan	1.160	1.051	1.066	1.058	0.993	1.025	1.059	5.33
25)	T	2-Butanone	0.605	0.552	0.444	0.439	0.424	0.438	0.484	15.67
26)	T	2,2-Dichloropropa	0.898	0.824	0.840	0.822	0.795	0.804	0.831	4.39
27)	T	cis-1,2-Dichloroe	0.754	0.658	0.653	0.646	0.629	0.649	0.665	6.75
28)	T	Bromochloromethan	0.481	0.488	0.469	0.488	0.457	0.431	0.469	4.68
29)	T	Tetrahydrofuran	0.310	0.268	0.271	0.280	0.271	0.279	0.280	5.57
30)	C	Chloroform	1.189	1.098	1.030	1.044	1.000	1.011	1.062	6.68#
31)	T	Cyclohexane	0.965	0.844	0.894	0.924	0.912	0.943	0.914	4.60
32)	T	1,1,1-Trichloroet	0.911	0.883	0.869	0.887	0.865	0.897	0.885	1.91
33)	S	1,2-Dichloroethan		0.749	0.619	0.625	0.638	0.627	0.652	8.45
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorometh		0.405	0.363	0.359	0.375	0.358	0.372	5.22
36)	T	1,1-Dichloroprope	0.674	0.518	0.544	0.559	0.530	0.547	0.562	10.08
37)	T	Ethyl Acetate	0.542	0.575	0.552	0.556	0.541	0.551	0.553	2.23
38)	T	Carbon Tetrachlor	0.547	0.501	0.526	0.540	0.525	0.535	0.529	3.00
39)	T	Methylcyclohexane	0.718	0.560	0.613	0.648	0.646	0.666	0.642	8.26
40)	TM	Benzene	1.797	1.657	1.684	1.686	1.615	1.638	1.680	3.80
41)	T	Methacrylonitrile	0.339	0.315	0.314	0.323	0.311	0.321	0.320	3.16
42)	TM	1,2-Dichloroethan	0.624	0.584	0.574	0.569	0.539	0.547	0.573	5.30
43)	T	Isopropyl Acetate	0.818	0.785	0.826	0.870	0.876	0.921	0.849	5.77
44)	TM	Trichloroethene	0.563	0.436	0.451	0.452	0.436	0.452	0.465	10.49
45)	C	1,2-Dichloropropa	0.449	0.400	0.418	0.426	0.410	0.419	0.420	4.00#
46)	T	Dibromomethane	0.312	0.272	0.275	0.279	0.269	0.274	0.280	5.66
47)	T	Bromodichlorometh	0.515	0.486	0.515	0.538	0.527	0.545	0.521	4.04
48)	T	Methyl methacryla	0.443	0.398	0.444	0.474	0.474	0.494	0.455	7.45
49)	T	1,4-Dioxane	0.010	0.010	0.010	0.011	0.010	0.011	0.010	3.81
50)	S	Toluene-d8		1.442	1.361	1.393	1.434	1.390	1.404	2.38
51)	T	4-Methyl-2-Pentan	0.649	0.667	0.582	0.601	0.588	0.617	0.617	5.54
52)	CM	Toluene	1.081	0.992	1.060	1.073	1.038	1.063	1.051	3.09#

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
Method File : 82X082218W.M
Title : SW846 8260
Last Update : Thu Aug 23 05:39:44 2018
Response Via : Initial Calibration

Calibration Files
1 =VX004197.D 5 =VX004191.D 20 =VX004192.D
50 =VX004193.D 100 =VX004194.D 150 =VX004195.D

		Compound	1	5	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.534	0.489	0.555	0.610	0.615	0.649	0.575	10.37
54)	T	cis-1,3-Dichlorop	0.581	0.553	0.622	0.659	0.659	0.685	0.627	8.16
55)	T	1,1,2-Trichloroet	0.448	0.413	0.418	0.430	0.413	0.425	0.424	3.16
56)	T	Ethyl methacrylat	0.480	0.490	0.557	0.616	0.634	0.689	0.578	14.44
57)	T	1,3-Dichloropropa	0.742	0.693	0.718	0.722	0.700	0.717	0.715	2.43
58)	T	2-Chloroethyl Vin	0.247	0.252	0.281	0.325	0.336	0.335	0.296	13.92
59)	T	2-Hexanone	0.483	0.500	0.442	0.461	0.457	0.482	0.471	4.49
60)	T	Dibromochlorometh	0.387	0.369	0.401	0.434	0.434	0.457	0.414	8.11
61)	T	1,2-Dibromoethane	0.451	0.418	0.434	0.446	0.435	0.451	0.439	2.84
62)	S	4-Bromofluorobenz		0.491	0.492	0.515	0.556	0.565	0.524	6.72
63)	I	Chlorobenzene-d5	----------	ISTD	----------					
64)	T	Tetrachloroethene	0.600	0.468	0.481	0.498	0.457	0.459	0.494	10.98
65)	PM	Chlorobenzene	1.470	1.179	1.197	1.249	1.234	1.200	1.255	8.65
66)	T	1,1,1,2-Tetrachlo	0.415	0.412	0.425	0.450	0.443	0.451	0.433	4.06
67)	C	Ethyl Benzene	2.038	1.880	2.018	2.163	2.053	2.075	2.038	4.53#
68)	T	m/p-Xylenes	0.766	0.710	0.799	0.862	0.813	0.830	0.797	6.67
69)	T	o-Xylene	0.708	0.661	0.735	0.827	0.776	0.815	0.754	8.50
70)	T	Styrene	1.059	1.056	1.213	1.364	1.292	1.340	1.221	11.20
71)	P	Bromoform	0.320	0.287	0.320	0.372	0.375	0.419	0.349	13.87
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
73)	T	Isopropylbenzene	3.318	3.044	3.347	3.459	3.285	3.251	3.284	4.18
74)	T	N-amyl acetate	1.174	1.136	1.214	1.323	1.337	1.402	1.264	8.27
75)	P	1,1,2,2-Tetrachlo	1.282	1.167	1.117	1.128	1.091	1.110	1.149	6.08
76)	T	1,2,3-Trichloropr	1.078	1.025	1.046	1.018	0.964	0.971	1.017	4.28
77)	T	Bromobenzene	1.048	0.904	0.876	0.916	0.891	0.892	0.921	6.90
78)	T	n-propylbenzene	3.746	3.502	3.869	4.013	3.761	3.771	3.777	4.45
79)	T	2-Chlorotoluene	2.547	2.245	2.306	2.351	2.252	2.247	2.325	5.01
80)	T	1,3,5-Trimethylbe	2.578	2.555	2.712	2.890	2.775	2.807	2.720	4.85
81)	T	trans-1,4-Dichlor	0.279	0.254	0.292	0.329	0.354	0.373	0.313	14.72
82)	T	4-Chlorotoluene	2.924	2.632	2.713	2.779	2.670	2.696	2.736	3.82
83)	T	tert-Butylbenzene	2.565	2.518	2.726	2.922	2.831	2.856	2.736	6.00
84)	T	1,2,4-Trimethylbe	2.511	2.554	2.915	3.028	2.860	2.881	2.792	7.49
85)	T	sec-Butylbenzene	3.158	3.007	3.282	3.414	3.324	3.306	3.249	4.44
86)	T	p-Isopropyltoluen	2.726	2.547	2.969	3.150	3.040	3.035	2.911	7.82
87)	T	1,3-Dichlorobenze	2.062	1.679	1.645	1.704	1.641	1.674	1.734	9.36
88)	T	1,4-Dichlorobenze	2.374	1.788	1.711	1.741	1.676	1.683	1.829	14.78
89)	T	n-Butylbenzene	2.430	2.041	2.318	2.446	2.437	2.532	2.367	7.35
90)	T	Hexachloroethane	0.382	0.379	0.384	0.416	0.432	0.449	0.407	7.24
91)	T	1,2-Dichlorobenze	1.694	1.621	1.534	1.563	1.550	1.548	1.585	3.88
92)	T	1,2-Dibromo-3-Chl	0.208	0.189	0.192	0.207	0.205	0.214	0.202	4.89
93)	T	1,2,4-Trichlorobe	1.419	0.999	1.038	1.135	1.165	1.164	1.153	12.76
94)	T	Hexachlorobutadie	0.745	0.514	0.520	0.546	0.537	0.534	0.566	15.62
95)	T	Naphthalene	2.938	2.644	3.150	3.652	3.557	3.632	3.262	12.83
96)	T	1,2,3-Trichlorobe	1.351	1.073	1.173	1.235	1.235	1.260	1.221	7.61

(#) = Out of Range