Response Factor Report MSVOA_D

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\
Method File : 82D012320S.M
Title : SW846 8260
Last Update : Thu Jan 23 13:45:59 2020
Response Via : Initial Calibration

Calibration Files
10 =VD064929.D 5 =VD064928.D 20 =VD064930.D
50 =VD064931.D 100 =VD064932.D 150 =VD064933.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluorom	0.429	0.349	0.377	0.383	0.387	0.335	0.377	8.77
3)	P	Chloromethane	0.648	0.561	0.574	0.537	0.533	0.460	0.552	11.09
4)	C	Vinyl Chloride	0.728	0.631	0.644	0.624	0.632	0.545	0.634	9.21#
5)	T	Bromomethane	0.483	0.466	0.419	0.405	0.416	0.371	0.427	9.65
6)	T	Chloroethane	0.471	0.426	0.434	0.411	0.415	0.352	0.418	9.31
7)	T	Trichlorofluorome	1.145	0.983	0.976	0.966	0.977	0.828	0.979	10.25
8)	T	Diethyl Ether	0.245	0.226	0.226	0.217	0.222	0.190	0.221	8.14
9)	T	1,1,2-Trichlorotr	0.510	0.481	0.449	0.448	0.455	0.390	0.456	8.76
10)	T	Methyl Iodide	0.471	0.403	0.472	0.519	0.558	0.478	0.484	10.82
11)	T	Tert butyl alcoho	0.029	0.025	0.025	0.028	0.028	0.024	0.027	7.78
12)	CM	1,1-Dichloroethen	0.492	0.447	0.431	0.423	0.442	0.377	0.435	8.54#
13)	T	Acrolein	0.037	0.037	0.030	0.032	0.032	0.031	0.033	8.76
14)	T	Allyl chloride	0.731	0.670	0.706	0.689	0.730	0.638	0.694	5.19
15)	T	Acrylonitrile	0.104	0.091	0.098	0.094	0.099	0.088	0.096	5.88
16)	T	Acetone	0.114	0.114	0.104	0.102	0.100	0.070	0.101	15.89
17)	T	Carbon Disulfide	1.630	1.440	1.440	1.403	1.442	1.240	1.432	8.68
18)	T	Methyl Acetate	0.243	0.236	0.234	0.218	0.223	0.194	0.225	7.78
19)	T	Methyl tert-butyl	1.039	0.901	0.974	0.982	1.033	0.906	0.972	6.10
20)	T	Methylene Chlorid	0.670	0.758	0.547	0.477	0.476	0.408	0.556	23.92
21)	T	trans-1,2-Dichlor	0.555	0.495	0.505	0.491	0.515	0.448	0.501	6.89
22)	T	Diisopropyl ether	1.483	1.258	1.402	1.389	1.476	1.292	1.383	6.70
23)	T	Vinyl Acetate	0.831	0.684	0.810	0.834	0.900	0.801	0.810	8.75
24)	P	1,1-Dichloroethan	0.960	0.836	0.867	0.831	0.858	0.745	0.849	8.16
25)	T	2-Butanone	0.140	0.125	0.126	0.134	0.138	0.115	0.130	7.32
26)	T	2,2-Dichloropropa	0.864	0.769	0.778	0.748	0.785	0.678	0.770	7.83
27)	T	cis-1,2-Dichloroe	0.576	0.532	0.544	0.522	0.553	0.483	0.535	5.89
28)	T	Bromochloromethan	0.331	0.361	0.287	0.378	0.357	0.324	0.340	9.54
29)	T	Tetrahydrofuran	0.090	0.072	0.081	0.080	0.084	0.073	0.080	8.19
30)	C	Chloroform	0.971	0.888	0.904	0.854	0.886	0.766	0.878	7.65#
31)	T	Cyclohexane	0.953	0.939	0.802	0.790	0.813	0.716	0.836	11.06
32)	T	1,1,1-Trichloroet	0.902	0.831	0.822	0.800	0.832	0.715	0.817	7.42
33)	S	1,2-Dichloroethan	0.460	0.546	0.454	0.497	0.480	0.441	0.480	7.97
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorometh	0.300	0.343	0.299	0.332	0.317	0.294	0.314	6.25
36)	T	1,1-Dichloroprope	0.522	0.455	0.484	0.484	0.509	0.439	0.482	6.52
37)	T	Ethyl Acetate	0.221	0.179	0.213	0.190	0.207	0.186	0.199	8.39
38)	T	Carbon Tetrachlor	0.551	0.485	0.504	0.516	0.532	0.470	0.510	5.84
39)	T	Methylcyclohexane	0.613	0.493	0.534	0.581	0.612	0.550	0.564	8.38
40)	TM	Benzene	1.416	1.231	1.327	1.325	1.410	1.259	1.328	5.70
41)	T	Methacrylonitrile	0.094	0.103	0.107	0.123	0.097	0.120	0.107	11.08
42)	TM	1,2-Dichloroethan	0.435	0.387	0.400	0.394	0.404	0.354	0.396	6.65
43)	T	Isopropyl Acetate	0.405	0.344	0.381	0.376	0.405	0.360	0.378	6.39
44)	TM	Trichloroethene	0.410	0.344	0.382	0.365	0.389	0.339	0.372	7.34
45)	C	1,2-Dichloropropa	0.355	0.314	0.322	0.315	0.331	0.294	0.322	6.33#
46)	T	Dibromomethane	0.197	0.174	0.175	0.171	0.180	0.159	0.176	7.10
47)	T	Bromodichlorometh	0.510	0.415	0.469	0.453	0.476	0.421	0.457	7.81
48)	T	Methyl methacryla	0.176	0.155	0.175	0.179	0.190	0.169	0.174	6.55
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.12
50)	S	Toluene-d8	1.107	1.251	1.124	1.305	1.282	1.207	1.213	6.78
51)	T	4-Methyl-2-Pentan	0.198	0.157	0.192	0.192	0.209	0.187	0.189	9.24
52)	CM	Toluene	0.885	0.775	0.856	0.856	0.939	0.826	0.856	6.47#

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\
Method File : 82D012320S.M
Title : SW846 8260
Last Update : Thu Jan 23 13:45:59 2020
Response Via : Initial Calibration

Calibration Files
10 =VD064929.D 5 =VD064928.D 20 =VD064930.D
50 =VD064931.D 100 =VD064932.D 150 =VD064933.D

		Compound	10	5	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.444	0.387	0.444	0.443	0.474	0.421	0.436	6.68
54)	T	cis-1,3-Dichlorop	0.537	0.453	0.516	0.515	0.550	0.490	0.510	6.82
55)	T	1,1,2-Trichloroet	0.261	0.233	0.234	0.234	0.244	0.213	0.237	6.66
56)	T	Ethyl methacrylat	0.274	0.219	0.287	0.298	0.330	0.291	0.283	12.96
57)	T	1,3-Dichloropropa	0.448	0.365	0.414	0.408	0.424	0.377	0.406	7.51
58)	T	2-Chloroethyl Vin	0.087	0.122	0.093	0.086	0.091	0.085	0.094	15.00
59)	T	2-Hexanone	0.135	0.103	0.134	0.137	0.148	0.127	0.131	11.41
60)	T	Dibromochlorometh	0.344	0.291	0.321	0.314	0.332	0.296	0.316	6.41
61)	T	1,2-Dibromoethane	0.246	0.209	0.233	0.226	0.240	0.215	0.228	6.34
62)	S	4-Bromofluorobenz	0.346	0.381	0.343	0.392	0.394	0.371	0.371	5.96
63)	I	Chlorobenzene-d5	----------	----------	ISTD	----------	----------	----------	----------	----------
64)	T	Tetrachloroethene	0.407	0.341	0.363	0.362	0.375	0.320	0.361	8.18
65)	PM	Chlorobenzene	1.104	1.005	1.008	0.981	1.061	0.932	1.015	5.94
66)	T	1,1,1,2-Tetrachlo	0.404	0.363	0.384	0.377	0.404	0.359	0.382	5.08
67)	C	Ethyl Benzene	1.888	1.574	1.771	1.829	1.990	1.761	1.802	7.77#
68)	T	m/p-Xylenes	0.717	0.596	0.697	0.706	0.775	0.673	0.694	8.46
69)	T	o-Xylene	0.623	0.543	0.609	0.625	0.688	0.607	0.616	7.55
70)	T	Styrene	1.112	0.907	1.088	1.137	1.236	1.102	1.097	9.77
71)	P	Bromoform	0.228	0.199	0.217	0.210	0.224	0.195	0.212	6.32
72)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------	----------	----------
73)	T	Isopropylbenzene	3.670	2.953	3.409	3.545	3.681	3.247	3.417	8.22
74)	T	N-amyl acetate	0.802	0.657	0.771	0.783	0.834	0.741	0.765	7.98
75)	P	1,1,2,2-Tetrachlo	0.666	0.562	0.580	0.571	0.568	0.500	0.574	9.25
76)	T	1,2,3-Trichloropr	0.452	0.378	0.487	0.456	0.382	0.336	0.415	14.04
77)	T	Bromobenzene	0.924	0.791	0.840	0.844	0.853	0.765	0.836	6.58
78)	T	n-propylbenzene	4.384	3.618	4.094	4.181	4.312	3.795	4.064	7.38
79)	T	2-Chlorotoluene	2.447	2.000	2.268	2.269	2.335	2.058	2.230	7.60
80)	T	1,3,5-Trimethylbe	3.009	2.384	2.846	2.873	3.042	2.649	2.801	8.83
81)	T	trans-1,4-Dichlor	0.216	0.174	0.193	0.197	0.204	0.183	0.194	7.78
82)	T	4-Chlorotoluene	2.562	2.216	2.364	2.383	2.475	2.187	2.364	6.13
83)	T	tert-Butylbenzene	2.512	2.033	2.367	2.470	2.597	2.281	2.377	8.48
84)	T	1,2,4-Trimethylbe	3.141	2.362	2.876	2.906	3.024	2.714	2.837	9.64
85)	T	sec-Butylbenzene	3.623	3.054	3.305	3.432	3.612	3.164	3.365	6.94
86)	T	p-Isopropyltoluen	3.360	2.633	3.081	3.281	3.475	3.064	3.149	9.49
87)	T	1,3-Dichlorobenze	1.752	1.477	1.605	1.597	1.697	1.498	1.604	6.70
88)	T	1,4-Dichlorobenze	1.773	1.579	1.579	1.575	1.609	1.439	1.592	6.72
89)	T	n-Butylbenzene	2.991	2.518	2.827	3.024	3.123	2.759	2.874	7.64
90)	T	Hexachloroethane	0.675	0.602	0.590	0.617	0.624	0.536	0.607	7.49
91)	T	1,2-Dichlorobenze	1.508	1.302	1.352	1.373	1.394	1.242	1.362	6.62
92)	T	1,2-Dibromo-3-Chl	0.108	0.090	0.090	0.089	0.095	0.080	0.092	9.81
93)	T	1,2,4-Trichlorobe	1.010	0.873	0.953	0.953	0.977	0.888	0.942	5.54
94)	T	Hexachlorobutadie	0.663	0.608	0.576	0.586	0.609	0.534	0.596	7.21
95)	T	Naphthalene	1.517	1.265	1.515	1.591	1.709	1.527	1.521	9.56
96)	T	1,2,3-Trichlorobe	0.898	0.771	0.794	0.834	0.851	0.754	0.817	6.62

(#) = Out of Range