Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D011221S.M
Title : SW846 8260
Last Update : Wed Jan 13 03:57:57 2021
Response Via : Initial Calibration

Calibration Files
10 =VD068053.D 5 =VD068052.D 20 =VD068054.D 50 =VD068055.D 100 =VD068056.D 150 =VD068057.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.413	0.512	0.391	0.464	0.450	0.432	0.444	9.55
3)	P	Chloromethane	0.414	0.477	0.398	0.401	0.387	0.380	0.410	8.56
4)	C	Vinyl Chloride	0.442	0.505	0.433	0.457	0.431	0.420	0.448	6.80#
5)	T	Bromomethane	0.386	0.415	0.318	0.332	0.318	0.324	0.349	11.84
6)	T	Chloroethane	0.280	0.325	0.270	0.278	0.270	0.266	0.281	7.86
7)	T	Trichlorofluor...	0.911	1.011	0.852	0.868	0.847	0.825	0.886	7.68
8)	T	Diethyl Ether	0.215	0.229	0.210	0.204	0.210	0.208	0.213	4.20
9)	T	1,1,2-Trichlor...	0.501	0.524	0.476	0.475	0.460	0.455	0.482	5.39
10)	T	Methyl Iodide	0.429	0.439	0.440	0.533	0.563	0.559	0.494	12.98
11)	T	Tert butyl alc...	0.038	0.060	0.031	0.027	0.023	0.024	0.034	41.05
12)	CM	1,1-Dichloroet...	0.472	0.507	0.440	0.444	0.438	0.439	0.457	6.13#
13)	T	Acrolein	0.033	0.032	0.033	0.033	0.034	0.033	0.033	1.58
14)	T	Allyl chloride	0.532	0.543	0.505	0.538	0.539	0.534	0.532	2.57
15)	T	Acrylonitrile	0.079	0.083	0.081	0.085	0.083	0.080	0.082	3.00
16)	T	Acetone	0.069	0.068	0.068	0.071	0.066	0.063	0.067	4.03
17)	T	Carbon Disulfide	1.374	1.538	1.326	1.317	1.303	1.278	1.356	6.98
18)	T	Methyl Acetate	0.168	0.214	0.166	0.179	0.168	0.164	0.176	10.87
19)	T	Methyl tert-bu...	0.891	0.923	0.904	0.978	0.967	0.948	0.935	3.72
20)	T	Methylene Chlo...	0.831	1.069	0.632	0.541	0.506	0.479	0.676	34.12
21)	T	trans-1,2-Dich...	0.527	0.563	0.485	0.509	0.500	0.487	0.512	5.76
22)	T	Diisopropyl ether	1.052	1.022	1.099	1.093	1.057	1.023	1.058	3.13
23)	T	Vinyl Acetate	0.521	0.473	0.544	0.597	0.597	0.579	0.552	8.89
24)	P	1,1-Dichloroet...	0.832	0.876	0.786	0.780	0.781	0.752	0.801	5.59
25)	T	2-Butanone	0.085	0.084	0.085	0.091	0.088	0.085	0.086	2.95
26)	T	2,2-Dichloropr...	0.813	0.901	0.772	0.780	0.767	0.743	0.796	7.09
27)	T	cis-1,2-Dichlo...	0.574	0.550	0.546	0.557	0.554	0.534	0.552	2.42
28)	T	Bromochloromet...	0.310	0.309	0.269	0.245	0.240	0.237	0.268	12.63
29)	T	Tetrahydrofuran	0.052	0.055	0.055	0.059	0.056	0.054	0.055	4.36
30)	C	Chloroform	0.937	0.973	0.915	0.894	0.880	0.859	0.910	4.53#
31)	T	Cyclohexane	0.752	0.871	0.661	0.679	0.651	0.638	0.709	12.55
32)	T	1,1,1-Trichlor...	0.909	0.966	0.858	0.864	0.858	0.834	0.881	5.46
33)	S	1,2-Dichloroet...	0.478	0.496	0.440	0.401	0.373	0.363	0.425	13.00
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.311	0.292	0.301	0.278	0.270	0.257	0.285	7.16
36)	T	1,1-Dichloropr...	0.449	0.466	0.450	0.433	0.427	0.411	0.439	4.49
37)	T	Ethyl Acetate	0.136	0.136	0.136	0.135	0.134	0.127	0.134	2.67
38)	T	Carbon Tetrach...	0.548	0.547	0.520	0.522	0.507	0.499	0.524	3.82
39)	T	Methylcyclohexane	0.534	0.515	0.524	0.542	0.535	0.528	0.530	1.77
40)	TM	Benzene	1.266	1.282	1.268	1.239	1.206	1.148	1.235	4.07
41)	T	Methacrylonitrile	0.081	0.063	0.079	0.084	0.076	0.071	0.075	10.04
42)	TM	1,2-Dichloroet...	0.361	0.358	0.350	0.351	0.343	0.323	0.347	3.89
43)	T	Isopropyl Acetate	0.245	0.228	0.255	0.266	0.263	0.257	0.252	5.56
44)	TM	Trichloroethene	0.389	0.406	0.379	0.371	0.369	0.360	0.379	4.30
45)	C	1,2-Dichloropr...	0.289	0.294	0.289	0.281	0.277	0.265	0.283	3.79#
46)	T	Dibromomethane	0.165	0.179	0.167	0.169	0.163	0.156	0.166	4.50
47)	T	Bromodichlorom...	0.455	0.481	0.449	0.445	0.448	0.426	0.450	3.99
48)	T	Methyl methacr...	0.112	0.132	0.121	0.144	0.140	0.135	0.131	9.14
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	8.10
50)	S	Toluene-d8	1.164	1.154	1.170	0.982	0.931	0.901	1.050	11.99
51)	T	4-Methyl-2-Pen...	0.124	0.116	0.130	0.136	0.130	0.123	0.126	5.69
52)	CM	Toluene	0.841	0.852	0.850	0.841	0.810	0.773	0.828	3.70#
53)	T	t-1,3-Dichloro...	0.382	0.391	0.401	0.414	0.400	0.385	0.396	2.95
54)	T	cis-1,3-Dichlo...	0.472	0.451	0.492	0.482	0.474	0.459	0.472	3.15
55)	T	1,1,2-Trichlor...	0.252	0.238	0.244	0.234	0.228	0.220	0.236	4.90
56)	T	Ethyl methacry...	0.218	0.206	0.245	0.267	0.267	0.256	0.243	10.51

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57)	T	1,3-Dichloropr...	0.378	0.369	0.390	0.392	0.375	0.357	0.377	3.50
58)	T	2-Chloroethyl ...	0.124	0.112	0.129	0.127	0.122	0.117	0.122	5.27
59)	T	2-Hexanone	0.085	0.080	0.092	0.094	0.091	0.085	0.088	6.03
60)	T	Dibromochlorom...	0.335	0.337	0.330	0.320	0.318	0.303	0.324	3.94
61)	T	1,2-Dibromoethane	0.236	0.215	0.232	0.232	0.225	0.213	0.225	4.23
62)	S	4-Bromofluorob...	0.407	0.395	0.393	0.348	0.338	0.326	0.368	9.33
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.365	0.412	0.353	0.343	0.336	0.323	0.355	8.80
65)	PM	Chlorobenzene	1.000	1.035	0.989	0.989	0.965	0.927	0.984	3.68
66)	T	1,1,1,2-Tetrac...	0.394	0.376	0.376	0.376	0.369	0.353	0.374	3.55
67)	C	Ethyl Benzene	1.690	1.684	1.696	1.751	1.718	1.657	1.699	1.88#
68)	T	m/p-Xylenes	0.662	0.649	0.681	0.680	0.669	0.640	0.663	2.47
69)	T	o-Xylene	0.595	0.588	0.612	0.605	0.616	0.588	0.601	1.99
70)	T	Styrene	1.022	1.008	1.053	1.083	1.057	1.006	1.038	3.01
71)	P	Bromoform	0.203	0.207	0.203	0.198	0.196	0.189	0.199	3.24
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.287	3.104	3.359	3.624	3.552	3.540	3.411	5.78
74)	T	N-amyl acetate	0.526	0.484	0.504	0.569	0.556	0.540	0.530	6.00
75)	P	1,1,2,2-Tetrac...	0.544	0.522	0.542	0.557	0.538	0.520	0.537	2.62
76)	T	1,2,3-Trichlor...	0.413	0.420	0.420	0.447	0.338	0.340	0.396	11.59
77)	T	Bromobenzene	0.825	0.813	0.809	0.850	0.828	0.817	0.824	1.76
78)	T	n-propylbenzene	3.934	3.794	4.012	4.182	4.070	3.996	3.998	3.26
79)	T	2-Chlorotoluene	2.266	2.134	2.305	2.336	2.292	2.284	2.270	3.10
80)	T	1,3,5-Trimethy...	2.942	2.683	2.938	3.086	2.989	2.943	2.930	4.56
81)	T	trans-1,4-Dich...	0.182	0.165	0.178	0.183	0.177	0.175	0.177	3.63
82)	T	4-Chlorotoluene	2.460	2.391	2.418	2.464	2.397	2.358	2.415	1.71
83)	T	tert-Butylbenzene	2.390	2.226	2.425	2.610	2.581	2.548	2.463	5.90
84)	T	1,2,4-Trimethy...	2.835	2.580	2.885	3.045	2.961	2.912	2.869	5.53
85)	T	sec-Butylbenzene	3.383	3.347	3.433	3.593	3.504	3.459	3.453	2.55
86)	T	p-Isopropyltol...	3.108	3.019	3.259	3.329	3.288	3.224	3.205	3.68
87)	T	1,3-Dichlorobe...	1.631	1.594	1.612	1.608	1.561	1.527	1.589	2.41
88)	T	1,4-Dichlorobe...	1.673	1.662	1.605	1.584	1.561	1.536	1.604	3.42
89)	T	n-Butylbenzene	2.796	2.792	2.864	2.996	2.944	2.911	2.884	2.84
90)	T	Hexachloroethane	0.625	0.628	0.587	0.635	0.622	0.625	0.620	2.76
91)	T	1,2-Dichlorobe...	1.393	1.357	1.379	1.431	1.375	1.339	1.379	2.30
92)	T	1,2-Dibromo-3-...	0.088	0.086	0.086	0.088	0.086	0.089	0.087	1.77
93)	T	1,2,4-Trichlor...	0.900	0.850	0.939	0.990	0.981	0.976	0.939	5.86
94)	T	Hexachlorobuta...	0.584	0.613	0.579	0.613	0.613	0.606	0.601	2.62
95)	T	Naphthalene	1.381	1.322	1.461	1.707	1.738	1.736	1.557	12.26
96)	T	1,2,3-Trichlor...	0.770	0.761	0.800	0.843	0.834	0.831	0.807	4.35

(#) = Out of Range