Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D061121S.M
Title : SW846 8260
Last Update : Fri Jun 11 12:50:13 2021
Response Via : Initial Calibration

Calibration Files
10 =VD069411.D 5 =VD069410.D 20 =VD069412.D 50 =VD069413.D 100 =VD069414.D 150 =VD069415.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.495	0.607	0.473	0.489	0.469	0.457	0.498	11.06
3)	P	Chloromethane	0.486	0.631	0.477	0.495	0.465	0.435	0.498	13.68
4)	C	Vinyl Chloride	0.603	0.720	0.566	0.603	0.570	0.554	0.603	10.12#
5)	T	Bromomethane	0.490	0.641	0.453	0.456	0.457	0.447	0.491	15.35
6)	T	Chloroethane	0.415	0.485	0.405	0.413	0.391	0.379	0.415	8.88
7)	T	Trichlorofluor...	0.968	1.180	0.966	0.947	0.948	0.906	0.986	9.94
8)	T	Diethyl Ether	0.222	0.241	0.231	0.259	0.267	0.265	0.247	7.67
9)	T	1,1,2-Trichlor...	0.575	0.691	0.589	0.568	0.553	0.541	0.586	9.21
10)	T	Methyl Iodide	0.411	0.469	0.473	0.597	0.639	0.630	0.536	18.16
11)	T	Tert butyl alc...	0.034	0.030	0.029	0.028	0.028	0.027	0.029	8.15
12)	CM	1,1-Dichloroet...	0.499	0.592	0.492	0.538	0.537	0.524	0.530	6.72#
13)	T	Acrolein	0.032	0.032	0.037	0.039	0.040	0.039	0.037	9.21
14)	T	Allyl chloride	0.571	0.635	0.570	0.632	0.672	0.662	0.624	7.06
15)	T	Acrylonitrile	0.087	0.096	0.091	0.097	0.101	0.098	0.095	5.59
16)	T	Acetone	0.093	0.107	0.089	0.098	0.096	0.078	0.093	10.36
17)	T	Carbon Disulfide	1.585	2.011	1.547	1.759	1.722	1.667	1.715	9.66
18)	T	Methyl Acetate	0.260	0.347	0.253	0.222	0.226	0.217	0.254	19.16
19)	T	Methyl tert-bu...	0.800	0.892	0.905	1.030	1.093	1.080	0.967	12.25
20)	T	Methylene Chlo...	1.000	1.477	0.811	0.698	0.648	0.614	0.875	37.31
21)	T	trans-1,2-Dich...	0.581	0.669	0.591	0.630	0.635	0.620	0.621	5.11
22)	T	Diisopropyl ether	1.113	1.090	1.225	1.334	1.354	1.325	1.240	9.41
23)	T	Vinyl Acetate	0.548	0.502	0.621	0.790	0.846	0.832	0.690	21.95
24)	P	1,1-Dichloroet...	1.015	1.158	0.997	1.021	1.016	0.987	1.032	6.11
25)	T	2-Butanone	0.108	0.111	0.107	0.124	0.128	0.121	0.116	7.70
26)	T	2,2-Dichloropr...	0.906	0.974	0.902	0.901	0.901	0.874	0.910	3.69
27)	T	cis-1,2-Dichlo...	0.623	0.711	0.620	0.690	0.701	0.687	0.672	5.93
28)	T	Bromochloromet...	0.362	0.402	0.348	0.401	0.384	0.373	0.378	5.74
29)	T	Tetrahydrofuran	0.053	0.061	0.062	0.071	0.074	0.072	0.066	12.47
30)	C	Chloroform	1.138	1.362	1.100	1.127	1.106	1.068	1.150	9.28#
31)	T	Cyclohexane	0.725	0.893	0.695	0.768	0.768	0.751	0.767	8.85
32)	T	1,1,1-Trichlor...	1.007	1.151	0.966	1.005	0.977	0.956	1.010	7.13
33)	S	1,2-Dichloroet...	0.549	0.627	0.543	0.564	0.557	0.545	0.564	5.64
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.347	0.406	0.365	0.383	0.379	0.367	0.375	5.24
36)	T	1,1-Dichloropr...	0.478	0.544	0.496	0.543	0.545	0.517	0.521	5.47
37)	T	Ethyl Acetate	0.146	0.177	0.170	0.184	0.192	0.176	0.174	9.18
38)	T	Carbon Tetrach...	0.533	0.624	0.552	0.573	0.563	0.539	0.564	5.86
39)	T	Methylcyclohexane	0.407	0.523	0.465	0.566	0.603	0.578	0.524	14.33
40)	TM	Benzene	1.400	1.629	1.453	1.561	1.565	1.483	1.515	5.57
41)	T	Methacrylonitrile	0.080	0.083	0.076	0.088	0.091	0.102	0.087	10.61
42)	TM	1,2-Dichloroet...	0.396	0.468	0.401	0.419	0.417	0.395	0.416	6.59
43)	T	Isopropyl Acetate	0.299	0.308	0.318	0.348	0.361	0.342	0.329	7.47
44)	TM	Trichloroethene	0.394	0.466	0.410	0.429	0.429	0.408	0.423	5.96
45)	C	1,2-Dichloropr...	0.353	0.394	0.359	0.380	0.376	0.357	0.370	4.34#
46)	T	Dibromomethane	0.201	0.218	0.213	0.215	0.218	0.206	0.212	3.25
47)	T	Bromodichlorom...	0.524	0.596	0.534	0.552	0.552	0.522	0.546	5.04
48)	T	Methyl methacr...	0.142	0.119	0.134	0.163	0.167	0.174	0.150	14.40
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	13.21
50)	S	Toluene-d8	1.234	1.275	1.366	1.450	1.463	1.431	1.370	7.03
51)	T	4-Methyl-2-Pen...	0.148	0.147	0.162	0.187	0.187	0.177	0.168	10.99
52)	CM	Toluene	0.878	0.927	0.927	1.022	1.033	0.987	0.962	6.39#
53)	T	t-1,3-Dichloro...	0.421	0.450	0.455	0.490	0.506	0.488	0.468	6.80
54)	T	cis-1,3-Dichlo...	0.506	0.561	0.542	0.584	0.601	0.582	0.563	6.13
55)	T	1,1,2-Trichlor...	0.281	0.307	0.286	0.299	0.303	0.283	0.293	3.89
56)	T	Ethyl methacry...	0.239	0.231	0.270	0.333	0.357	0.343	0.296	18.79

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57)	T	1,3-Dichloropr...	0.434	0.492	0.457	0.493	0.508	0.478	0.477	5.71
58)	T	2-Chloroethyl ...	0.118	0.115	0.139	0.172	0.179	0.171	0.149	19.25
59)	T	2-Hexanone	0.095	0.091	0.109	0.126	0.131	0.121	0.112	14.72
60)	T	Dibromochlorom...	0.350	0.387	0.371	0.385	0.382	0.367	0.373	3.79
61)	T	1,2-Dibromoethane	0.259	0.289	0.283	0.288	0.292	0.278	0.281	4.33
62)	S	4-Bromofluorob...	0.380	0.427	0.413	0.459	0.482	0.476	0.439	9.08
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.369	0.469	0.373	0.387	0.370	0.351	0.387	10.86
65)	PM	Chlorobenzene	1.031	1.185	1.063	1.124	1.126	1.070	1.100	5.06
66)	T	1,1,1,2-Tetrac...	0.394	0.462	0.420	0.428	0.426	0.404	0.422	5.57
67)	C	Ethyl Benzene	1.596	1.721	1.749	1.994	2.048	1.958	1.844	9.77#
68)	T	m/p-Xylenes	0.651	0.675	0.702	0.805	0.802	0.761	0.733	9.01
69)	T	o-Xylene	0.529	0.581	0.619	0.715	0.736	0.709	0.648	13.00
70)	T	Styrene	0.982	0.952	1.109	1.273	1.298	1.230	1.141	13.12
71)	P	Bromoform	0.204	0.224	0.217	0.225	0.229	0.213	0.219	4.16
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.016	3.176	3.294	3.823	3.895	3.887	3.515	11.31
74)	T	N-amyl acetate	0.528	0.541	0.586	0.689	0.724	0.716	0.631	14.16
75)	P	1,1,2,2-Tetrac...	0.637	0.730	0.654	0.679	0.681	0.668	0.675	4.67
76)	T	1,2,3-Trichlor...	0.478	0.507	0.505	0.525	0.516	0.510	0.507	3.14
77)	T	Bromobenzene	0.834	0.892	0.823	0.908	0.920	0.912	0.881	4.77
78)	T	n-propylbenzene	3.724	3.916	4.131	4.735	4.733	4.644	4.314	10.38
79)	T	2-Chlorotoluene	2.172	2.322	2.348	2.643	2.615	2.612	2.452	8.05
80)	T	1,3,5-Trimethy...	2.500	2.569	2.858	3.284	3.299	3.270	2.963	12.54
81)	T	trans-1,4-Dich...	0.171	0.175	0.173	0.204	0.212	0.206	0.190	9.94
82)	T	4-Chlorotoluene	2.350	2.477	2.528	2.772	2.774	2.757	2.610	7.01
83)	T	tert-Butylbenzene	2.129	2.315	2.359	2.723	2.817	2.794	2.523	11.56
84)	T	1,2,4-Trimethy...	2.559	2.518	2.841	3.292	3.297	3.269	2.963	12.53
85)	T	sec-Butylbenzene	3.189	3.450	3.514	4.048	4.068	3.984	3.709	10.05
86)	T	p-Isopropyltol...	2.710	2.803	3.045	3.625	3.596	3.553	3.222	13.03
87)	T	1,3-Dichlorobe...	1.639	1.851	1.676	1.835	1.816	1.773	1.765	4.98
88)	T	1,4-Dichlorobe...	1.657	1.958	1.683	1.773	1.755	1.723	1.758	6.08
89)	T	n-Butylbenzene	2.546	2.764	2.783	3.286	3.325	3.279	2.997	11.31
90)	T	Hexachloroethane	0.596	0.709	0.580	0.639	0.631	0.608	0.627	7.28
91)	T	1,2-Dichlorobe...	1.451	1.611	1.507	1.589	1.566	1.516	1.540	3.87
92)	T	1,2-Dibromo-3-...	0.094	0.117	0.095	0.100	0.102	0.101	0.102	7.96
93)	T	1,2,4-Trichlor...	0.799	0.843	0.832	0.964	0.985	0.953	0.896	8.96
94)	T	Hexachlorobuta...	0.524	0.575	0.540	0.598	0.570	0.556	0.560	4.71
95)	T	Naphthalene	1.140	1.261	1.338	1.702	1.841	1.809	1.515	20.11
96)	T	1,2,3-Trichlor...	0.653	0.717	0.748	0.853	0.855	0.842	0.778	10.90

(#) = Out of Range