Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W082525S.M
Title : SW846 8260
Last Update : Tue Aug 26 04:26:40 2025
Response Via : Initial Calibration

Calibration Files
5 =VW032127.D 10 =VW032128.D 20 =VW032129.D 50 =VW032134.D 100 =VW032131.D 150 =VW032132.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.392	0.347	0.374	0.261	0.301	0.296	0.328	15.44
3)	P	Chloromethane	0.438	0.363	0.368	0.316	0.325	0.327	0.356	12.73
4)	C	Vinyl Chloride	0.509	0.453	0.463	0.384	0.402	0.396	0.435	11.19#
5)	T	Bromomethane	0.454	0.403	0.413	0.341	0.363	0.377	0.392	10.33
6)	T	Chloroethane	0.350	0.296	0.328	0.279	0.300	0.297	0.308	8.40
7)	T	Trichlorofluor...	0.483	0.445	0.432	0.379	0.442	0.451	0.439	7.73
8)	T	Diethyl Ether	0.379	0.316	0.337	0.288	0.305	0.299	0.321	10.26
9)	T	1,1,2-Trichlor...	0.565	0.506	0.514	0.411	0.463	0.444	0.484	11.42
10)	T	Methyl Iodide	0.831	0.727	0.780	0.708	0.721	0.692	0.743	7.05
11)	T	Tert butyl alc...	0.049	0.039	0.041	0.038	0.046	0.044	0.043	10.41
12)	CM	1,1-Dichloroet...	0.596	0.519	0.525	0.486	0.497	0.478	0.517	8.28#
13)	T	Acrolein	0.039	0.033	0.035	0.017	0.018	0.018	0.027	38.57
14)	T	Allyl chloride	0.773	0.722	0.755	0.703	0.726	0.709	0.731	3.70
15)	T	Acrylonitrile	0.172	0.141	0.162	0.146	0.166	0.162	0.158	7.61
16)	T	Acetone	0.213	0.169	0.169	0.141	0.142	0.135	0.162	18.15
17)	T	Carbon Disulfide	1.413	1.316	1.323	1.223	1.252	1.231	1.293	5.63
18)	T	Methyl Acetate	0.459	0.404	0.459	0.447	0.511	0.479	0.460	7.72
19)	T	Methyl tert-bu...	1.012	0.904	1.008	0.921	0.991	0.950	0.965	4.78
20)	T	Methylene Chlo...	0.689	0.858	0.648	0.587	0.570	0.548	0.650	17.62
21)	T	trans-1,2-Dich...	0.632	0.563	0.606	0.555	0.557	0.545	0.576	6.02
22)	T	Diisopropyl ether	1.716	1.513	1.676	1.563	1.622	1.573	1.611	4.69
23)	T	Vinyl Acetate	1.078	1.012	1.170	1.058	1.164	1.146	1.105	5.85
24)	P	1,1-Dichloroet...	1.101	1.025	1.073	0.986	1.006	0.987	1.030	4.61
25)	T	2-Butanone	0.251	0.203	0.231	0.205	0.229	0.225	0.224	7.98
26)	T	2,2-Dichloropr...	0.632	0.545	0.570	0.553	0.547	0.534	0.564	6.32
27)	T	cis-1,2-Dichlo...	0.737	0.656	0.728	0.682	0.693	0.687	0.697	4.34
28)	T	Bromochloromet...	0.520	0.447	0.484	0.473	0.468	0.473	0.477	5.06
29)	T	Tetrahydrofuran	0.142	0.123	0.144	0.128	0.147	0.143	0.138	7.06
30)	C	Chloroform	1.315	1.134	1.230	1.135	1.138	1.117	1.178	6.64#
31)	T	Cyclohexane	1.122	0.913	0.867	0.720	0.784	0.761	0.861	16.95
32)	T	1,1,1-Trichlor...	0.944	0.848	0.884	0.820	0.830	0.810	0.856	5.88
33)	S	1,2-Dichloroet...	0.730	0.648	0.704	0.679	0.676	0.683	0.687	4.01
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.348	0.333	0.352	0.338	0.334	0.332	0.339	2.46
36)	T	1,1-Dichloropr...	0.476	0.462	0.471	0.407	0.445	0.423	0.447	6.13
37)	T	Ethyl Acetate	0.264	0.277	0.299	0.246	0.288	0.274	0.275	6.78
38)	T	Carbon Tetrach...	0.509	0.484	0.479	0.440	0.479	0.454	0.474	5.14
39)	T	Methylcyclohexane	0.556	0.532	0.553	0.477	0.546	0.527	0.532	5.48
40)	TM	Benzene	1.415	1.402	1.467	1.277	1.395	1.308	1.377	5.16
41)	T	Methacrylonitrile	0.135	0.144	0.152	0.133	0.177	0.157	0.150	10.90
42)	TM	1,2-Dichloroet...	0.530	0.467	0.507	0.434	0.484	0.452	0.479	7.39
43)	T	Isopropyl Acetate	0.503	0.462	0.534	0.457	0.552	0.531	0.506	7.80
44)	TM	Trichloroethene	0.373	0.357	0.383	0.335	0.344	0.336	0.355	5.61
45)	C	1,2-Dichloropr...	0.362	0.328	0.356	0.301	0.329	0.315	0.332	7.03#
46)	T	Dibromomethane	0.243	0.227	0.248	0.213	0.233	0.223	0.231	5.70
47)	T	Bromodichlorom...	0.524	0.515	0.561	0.487	0.541	0.518	0.524	4.74
48)	T	Methyl methacr...	0.234	0.210	0.243	0.222	0.265	0.253	0.238	8.43
49)	T	1,4-Dioxane	0.004	0.003	0.003	0.003	0.003	0.003	0.003	14.73
50)	S	Toluene-d8	1.207	1.137	1.257	1.246	1.215	1.205	1.211	3.47
51)	T	4-Methyl-2-Pen...	0.286	0.259	0.301	0.261	0.310	0.295	0.285	7.40
52)	CM	Toluene	0.905	0.895	0.949	0.853	0.911	0.859	0.895	3.99#
53)	T	t-1,3-Dichloro...	0.452	0.424	0.486	0.445	0.518	0.500	0.471	7.66
54)	T	cis-1,3-Dichlo...	0.520	0.503	0.563	0.510	0.578	0.551	0.537	5.75
55)	T	1,1,2-Trichlor...	0.322	0.292	0.325	0.280	0.305	0.289	0.302	6.16
56)	T	Ethyl methacry...	0.366	0.342	0.400	0.372	0.440	0.429	0.392	9.75

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W082525S.M

57)	T	1,3-Dichloropr...	0.533	0.494	0.538	0.460	0.515	0.485	0.504	5.97
58)	T	2-Chloroethyl ...	0.192	0.190	0.219	0.208	0.231	0.226	0.211	8.16
59)	T	2-Hexanone	0.204	0.181	0.216	0.185	0.222	0.209	0.203	8.15
60)	T	Dibromochlorom...	0.372	0.349	0.387	0.333	0.383	0.372	0.366	5.70
61)	T	1,2-Dibromoethane	0.311	0.289	0.320	0.275	0.309	0.294	0.300	5.58
62)	S	4-Bromofluorob...	0.467	0.428	0.451	0.457	0.447	0.447	0.450	2.90
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.367	0.345	0.336	0.300	0.321	0.324	0.332	6.90
65)	PM	Chlorobenzene	1.210	1.106	1.190	1.060	1.117	1.098	1.130	5.13
66)	T	1,1,1,2-Tetrac...	0.376	0.339	0.377	0.347	0.381	0.368	0.365	4.77
67)	C	Ethyl Benzene	1.856	1.775	1.943	1.861	1.900	1.882	1.869	3.00#
68)	T	m/p-Xylenes	0.714	0.703	0.764	0.707	0.738	0.702	0.721	3.47
69)	T	o-Xylene	0.659	0.656	0.711	0.667	0.706	0.700	0.683	3.65
70)	T	Styrene	1.128	1.104	1.273	1.167	1.218	1.214	1.184	5.31
71)	P	Bromoform	0.218	0.191	0.216	0.212	0.236	0.240	0.219	8.09
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.154	3.195	3.331	3.220	3.607	3.456	3.327	5.28
74)	T	N-amyl acetate	0.865	0.858	0.996	0.880	1.118	1.088	0.968	12.06
75)	P	1,1,2,2-Tetrac...	0.830	0.781	0.801	0.679	0.844	0.798	0.789	7.37
76)	T	1,2,3-Trichlor...	0.627	0.570	0.611	0.529	0.611	0.593	0.590	6.03
77)	T	Bromobenzene	0.864	0.802	0.884	0.814	0.891	0.876	0.855	4.42
78)	T	n-propylbenzene	4.050	4.028	4.183	3.923	4.278	4.137	4.100	3.07
79)	T	2-Chlorotoluene	2.462	2.465	2.550	2.296	2.649	2.518	2.490	4.70
80)	T	1,3,5-Trimethy...	2.717	2.772	2.874	2.784	2.960	2.938	2.841	3.44
81)	T	trans-1,4-Dich...	0.211	0.212	0.223	0.215	0.279	0.270	0.235	13.19
82)	T	4-Chlorotoluene	2.625	2.602	2.705	2.452	2.770	2.634	2.631	4.09
83)	T	tert-Butylbenzene	2.288	2.300	2.455	2.407	2.636	2.486	2.429	5.33
84)	T	1,2,4-Trimethy...	2.830	2.804	3.103	2.836	3.134	3.015	2.954	5.02
85)	T	sec-Butylbenzene	3.543	3.491	3.658	3.451	3.808	3.713	3.611	3.83
86)	T	p-Isopropyltol...	2.907	2.989	3.103	2.847	3.303	3.161	3.052	5.57
87)	T	1,3-Dichlorobe...	1.788	1.705	1.718	1.525	1.792	1.606	1.689	6.23
88)	T	1,4-Dichlorobe...	1.835	1.698	1.775	1.620	1.826	1.580	1.722	6.23
89)	T	n-Butylbenzene	2.863	2.861	2.933	2.820	3.106	3.004	2.931	3.67
90)	T	Hexachloroethane	0.570	0.540	0.566	0.532	0.583	0.575	0.561	3.61
91)	T	1,2-Dichlorobe...	1.611	1.573	1.523	1.411	1.615	1.526	1.543	4.92
92)	T	1,2-Dibromo-3-...	0.140	0.139	0.141	0.124	0.159	0.153	0.143	8.45
93)	T	1,2,4-Trichlor...	1.009	0.932	0.979	0.913	1.044	0.969	0.974	4.97
94)	T	Hexachlorobuta...	0.517	0.466	0.484	0.418	0.471	0.459	0.469	6.87
95)	T	Naphthalene	2.076	1.948	2.154	2.041	2.587	2.502	2.218	11.85
96)	T	1,2,3-Trichlor...	0.948	0.892	0.876	0.834	0.978	0.875	0.900	5.90

(#) = Out of Range