Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D062022S.M
Title : SW846 8260
Last Update : Tue Jun 21 05:24:45 2022
Response Via : Initial Calibration

Calibration Files
10 =VD073631.D 5 =VD073630.D 20 =VD073632.D 50 =VD073633.D 100 =VD073634.D 150 =VD073635.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.545	0.569	0.524	0.432	0.407	0.412	0.482	15.04
3)	P	Chloromethane	0.477	0.501	0.447	0.405	0.380	0.410	0.437	10.63
4)	C	Vinyl Chloride	0.453	0.430	0.412	0.417	0.364	0.397	0.412	7.35#
5)	T	Bromomethane	0.366	0.397	0.329	0.283	0.276	0.279	0.322	15.92
6)	T	Chloroethane	0.300	0.306	0.249	0.249	0.233	0.262	0.267	11.13
7)	T	Trichlorofluor...	1.029	1.093	0.973	0.915	0.843	0.873	0.954	10.02
8)	T	Diethyl Ether	0.275	0.261	0.233	0.243	0.241	0.242	0.249	6.28
9)	T	1,1,2-Trichlor...	0.618	0.614	0.558	0.524	0.478	0.516	0.551	10.18
10)	T	Methyl Iodide	0.453	0.433	0.545	0.583	0.559	0.630	0.534	14.28
11)	T	Tert butyl alc...	0.077	0.123	0.072	0.039	0.037	0.034	0.064	54.44
12)	CM	1,1-Dichloroet...	0.507	0.485	0.498	0.480	0.440	0.482	0.482	4.79#
13)	T	Acrolein	0.012	0.013	0.012	0.023	0.022	0.022	0.018	31.80
14)	T	Allyl chloride	0.658	0.649	0.696	0.721	0.678	0.758	0.693	5.89
15)	T	Acrylonitrile	0.123	0.115	0.110	0.116	0.113	0.101	0.113	6.41
16)	T	Acetone	0.101	0.110	0.087	0.087	0.084	0.081	0.091	12.39
17)	T	Carbon Disulfide	1.512	1.360	1.475	1.378	1.248	1.361	1.389	6.76
18)	T	Methyl Acetate	0.289	0.461	0.278	0.245	0.239	0.244	0.293	28.97
19)	T	Methyl tert-bu...	1.124	1.056	1.130	1.227	1.199	1.105	1.140	5.50
20)	T	Methylene Chlo...	0.866	1.071	0.722	0.625	0.544	0.565	0.732	27.83
21)	T	trans-1,2-Dich...	0.588	0.616	0.590	0.580	0.539	0.525	0.573	6.00
22)	T	Diisopropyl ether	1.543	1.464	1.575	1.653	1.539	1.562	1.556	3.93
23)	T	Vinyl Acetate	0.817	0.613	0.815	0.910	0.872	0.855	0.814	12.83
24)	P	1,1-Dichloroet...	1.114	1.117	1.057	1.034	0.961	0.966	1.042	6.57
25)	T	2-Butanone	0.140	0.142	0.128	0.134	0.132	0.123	0.133	5.37
26)	T	2,2-Dichloropr...	1.003	1.028	0.968	0.947	0.889	0.907	0.957	5.63
27)	T	cis-1,2-Dichlo...	0.678	0.674	0.654	0.671	0.642	0.646	0.661	2.35
28)	T	Bromochloromet...	0.385	0.441	0.358	0.404	0.381	0.372	0.390	7.42
29)	T	Tetrahydrofuran	0.077	0.078	0.081	0.087	0.090	0.083	0.083	6.11
30)	C	Chloroform	1.232	1.317	1.166	1.162	1.108	1.090	1.179	7.12#
31)	T	Cyclohexane	0.904	0.969	0.851	0.848	0.826	0.853	0.875	6.03
32)	T	1,1,1-Trichlor...	1.100	1.126	1.061	1.028	1.001	0.979	1.049	5.43
33)	S	1,2-Dichloroet...	0.645	0.630	0.580	0.542	0.555	0.499	0.575	9.60
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.394	0.410	0.364	0.337	0.338	0.333	0.363	9.03
36)	T	1,1-Dichloropr...	0.502	0.502	0.527	0.502	0.501	0.514	0.508	2.06
37)	T	Ethyl Acetate	0.201	0.193	0.187	0.201	0.198	0.193	0.195	2.81
38)	T	Carbon Tetrach...	0.591	0.602	0.592	0.564	0.550	0.563	0.577	3.60
39)	T	Methylcyclohexane	0.529	0.522	0.547	0.577	0.590	0.613	0.563	6.40
40)	TM	Benzene	1.476	1.452	1.480	1.473	1.474	1.463	1.470	0.70
41)	T	Methacrylonitrile	0.108	0.100	0.103	0.119	0.104	0.116	0.108	6.94
42)	TM	1,2-Dichloroet...	0.467	0.464	0.439	0.422	0.430	0.411	0.439	5.18
43)	T	Isopropyl Acetate	0.366	0.327	0.359	0.375	0.403	0.379	0.368	6.88
44)	TM	Trichloroethene	0.430	0.436	0.415	0.409	0.412	0.409	0.419	2.73
45)	C	1,2-Dichloropr...	0.355	0.381	0.374	0.373	0.368	0.365	0.369	2.48#
46)	T	Dibromomethane	0.221	0.205	0.207	0.208	0.215	0.203	0.210	3.22
47)	T	Bromodichlorom...	0.561	0.542	0.548	0.546	0.545	0.532	0.546	1.70
48)	T	Methyl methacr...	0.182	0.169	0.167	0.198	0.209	0.193	0.186	8.84
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.003	0.002	0.002	6.22
50)	S	Toluene-d8	1.346	1.284	1.340	1.263	1.285	1.272	1.298	2.75
51)	T	4-Methyl-2-Pen...	0.180	0.165	0.184	0.201	0.210	0.193	0.189	8.35
52)	CM	Toluene	0.945	0.877	0.963	0.993	0.997	0.989	0.961	4.73#
53)	T	t-1,3-Dichloro...	0.488	0.453	0.501	0.520	0.529	0.508	0.500	5.45
54)	T	cis-1,3-Dichlo...	0.581	0.578	0.567	0.589	0.605	0.586	0.584	2.20
55)	T	1,1,2-Trichlor...	0.307	0.298	0.292	0.300	0.303	0.277	0.296	3.55
56)	T	Ethyl methacry...	0.294	0.279	0.305	0.343	0.381	0.358	0.327	12.20

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57)	T	1,3-Dichloropr...	0.479	0.475	0.487	0.500	0.505	0.481	0.488	2.48
58)	T	2-Chloroethyl ...	0.114	0.126	0.129	0.134	0.148	0.137	0.131	8.63
59)	T	2-Hexanone	0.124	0.113	0.126	0.138	0.148	0.133	0.130	9.38
60)	T	Dibromochlorom...	0.399	0.381	0.387	0.390	0.388	0.373	0.386	2.26
61)	T	1,2-Dibromoethane	0.292	0.270	0.284	0.289	0.291	0.276	0.284	3.16
62)	S	4-Bromofluorob...	0.473	0.493	0.482	0.465	0.483	0.461	0.476	2.58
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.373	0.421	0.368	0.357	0.345	0.357	0.370	7.18
65)	PM	Chlorobenzene	1.148	1.112	1.112	1.124	1.097	1.105	1.116	1.60
66)	T	1,1,1,2-Tetrac...	0.444	0.442	0.436	0.437	0.419	0.418	0.433	2.60
67)	C	Ethyl Benzene	1.824	1.699	1.886	1.991	1.971	2.019	1.898	6.41#
68)	T	m/p-Xylenes	0.717	0.652	0.774	0.793	0.769	0.781	0.748	7.17
69)	T	o-Xylene	0.644	0.630	0.694	0.737	0.730	0.744	0.697	7.08
70)	T	Styrene	1.119	1.015	1.205	1.288	1.269	1.272	1.195	9.06
71)	P	Bromoform	0.248	0.236	0.231	0.237	0.233	0.229	0.236	2.82
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.338	3.132	3.510	3.881	3.782	4.004	3.608	9.37
74)	T	N-amyl acetate	0.682	0.624	0.685	0.780	0.814	0.791	0.729	10.40
75)	P	1,1,2,2-Tetrac...	0.716	0.692	0.644	0.676	0.674	0.668	0.678	3.56
76)	T	1,2,3-Trichlor...	0.499	0.457	0.467	0.487	0.500	0.493	0.484	3.70
77)	T	Bromobenzene	0.884	0.838	0.868	0.896	0.882	0.900	0.878	2.56
78)	T	n-propylbenzene	4.111	3.769	4.423	4.755	4.641	4.814	4.419	9.25
79)	T	2-Chlorotoluene	2.466	2.398	2.544	2.724	2.649	2.770	2.592	5.68
80)	T	1,3,5-Trimethy...	2.850	2.642	3.089	3.323	3.229	3.354	3.081	9.19
81)	T	trans-1,4-Dich...	0.199	0.176	0.203	0.224	0.231	0.224	0.210	9.89
82)	T	4-Chlorotoluene	2.684	2.568	2.794	2.892	2.792	2.869	2.766	4.39
83)	T	tert-Butylbenzene	2.529	2.242	2.559	2.845	2.846	2.981	2.667	10.25
84)	T	1,2,4-Trimethy...	2.816	2.607	3.056	3.268	3.197	3.292	3.039	9.04
85)	T	sec-Butylbenzene	3.723	3.496	3.923	4.236	4.142	4.277	3.966	7.83
86)	T	p-Isopropyltol...	3.065	2.753	3.230	3.546	3.467	3.595	3.276	9.95
87)	T	1,3-Dichlorobe...	1.860	1.778	1.789	1.845	1.791	1.805	1.811	1.84
88)	T	1,4-Dichlorobe...	1.813	1.856	1.757	1.817	1.756	1.772	1.795	2.23
89)	T	n-Butylbenzene	2.834	2.745	3.007	3.302	3.257	3.336	3.080	8.26
90)	T	Hexachloroethane	0.683	0.748	0.673	0.701	0.677	0.715	0.700	4.06
91)	T	1,2-Dichlorobe...	1.566	1.519	1.552	1.611	1.574	1.554	1.563	1.93
92)	T	1,2-Dibromo-3-...	0.112	0.105	0.100	0.109	0.111	0.099	0.106	5.13
93)	T	1,2,4-Trichlor...	0.852	0.888	0.857	0.943	0.965	0.955	0.910	5.56
94)	T	Hexachlorobuta...	0.512	0.529	0.514	0.520	0.509	0.512	0.516	1.41
95)	T	Naphthalene	1.356	1.269	1.454	1.724	1.879	1.808	1.582	16.13
96)	T	1,2,3-Trichlor...	0.753	0.724	0.767	0.837	0.845	0.825	0.792	6.35

(#) = Out of Range