Response Factor Report GC/MS Ins

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\
Method File : 82F053019S.M
Title : SW846 8260
Last Update : Fri May 31 04:18:30 2019
Response Via : Initial Calibration

Calibration Files
5 =VF062793.D 20 =VF062795.D 50 =VF062796.D
100 =VF062798.D 75 =VF062797.D 10 =VF062794.D

		Compound	5	20	50	100	75	10	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluorom	0.792	0.708	0.589	0.547	0.525	0.734	0.649	16.94
3)	P	Chloromethane	0.560	0.541	0.498	0.515	0.437	0.553	0.517	8.89
4)	C	Vinyl Chloride	0.527	0.551	0.504	0.497	0.446	0.561	0.514	8.09#
5)	T	Bromomethane	0.307	0.267	0.322	0.281	0.267	0.315	0.293	8.33
6)	T	Chloroethane	0.200	0.154	0.214	0.186	0.178	0.222	0.192	12.93
7)	T	Trichlorofluorome	0.750	0.710	0.762	0.707	0.660	0.778	0.728	5.99
8)	T	Diethyl Ether	0.140	0.137	0.151	0.142	0.139	0.150	0.143	4.09
9)	T	1,1,2-Trichlorotr	0.436	0.478	0.457	0.422	0.420	0.532	0.458	9.30
10)	T	Methyl Iodide	0.915	0.920	0.918	0.902	0.848	1.001	0.917	5.36
11)	T	Tert butyl alcoho	0.021	0.021	0.020	0.023	0.019	0.023	0.021	7.25
12)	CM	1,1-Dichloroethen	0.415	0.436	0.417	0.396	0.372	0.457	0.416	7.10#
13)	T	Acrolein	0.012	0.010	0.008	0.008	0.008	0.008	0.009	20.07
14)	T	Allyl chloride	0.302	0.289	0.374	0.376	0.276	0.317	0.322	13.41
15)	T	Acrylonitrile	0.056	0.060	0.082	0.101	0.056	0.116	0.079	32.54
16)	T	Acetone	0.078	0.067	0.086	0.080	0.075	0.089	0.079	9.96
17)	T	Carbon Disulfide	1.183	1.220	1.228	1.196	1.098	1.362	1.214	7.07
18)	T	Methyl Acetate	0.145	0.151	0.137	0.135	0.116	0.146	0.138	8.92
19)	T	Methyl tert-butyl	0.720	0.795	0.742	0.742	0.704	0.814	0.753	5.72
20)	T	Methylene Chlorid	0.534	0.414	0.426	0.389	0.368	0.521	0.442	15.66
21)	T	trans-1,2-Dichlor	0.387	0.403	0.451	0.411	0.398	0.451	0.417	6.67
22)	T	Diisopropyl ether	0.955	0.905	0.925	0.911	0.840	0.959	0.916	4.75
23)	T	Vinyl Acetate	0.617	0.661	0.650	0.586	0.560	0.688	0.627	7.69
24)	P	1,1-Dichloroethan	0.648	0.664	0.713	0.716	0.608	0.753	0.684	7.80
25)	T	2-Butanone	0.203	0.188	0.182	0.168	0.163	0.202	0.184	9.19
26)	T	2,2-Dichloropropa	0.360	0.395	0.397	0.400	0.364	0.414	0.388	5.55
27)	T	cis-1,2-Dichloroe	0.687	0.698	0.742	0.687	0.655	0.733	0.700	4.60
28)	T	Bromochloromethan	0.393	0.388	0.387	0.361	0.323	0.380	0.372	7.11
29)		Tetrahydrofuran	0.073	0.076	0.071	0.066	0.064	0.073	0.070	6.75
30)	C	Chloroform	0.925	1.012	1.002	0.927	0.867	1.049	0.964	7.10#
31)	T	Cyclohexane	0.860	0.924	0.970	0.903	0.868	1.029	0.926	6.97
32)	T	1,1,1-Trichloroet	0.502	0.531	0.523	0.595	0.586	0.631	0.561	8.95
33)	S	1,2-Dichloroethan	0.372	0.342	0.374	0.350	0.305	0.330	0.346	7.57
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorometh	0.423	0.374	0.404	0.360	0.323	0.384	0.378	9.26
36)	T	1,1-Dichloroprope	0.429	0.476	0.480	0.452	0.425	0.500	0.460	6.56
37)	T	Ethyl Acetate	0.166	0.187	0.184	0.169	0.161	0.189	0.176	6.76
38)	T	Carbon Tetrachlor	0.295	0.316	0.317	0.298	0.311	0.330	0.311	4.20
39)	T	Methylcyclohexane	0.545	0.548	0.606	0.561	0.556	0.621	0.573	5.63
40)	TM	Benzene	1.272	1.367	1.460	1.240	1.213	1.486	1.340	8.66
41)	T	Methacrylonitrile	0.099	0.103	0.098	0.090	0.088	0.108	0.098	7.94
42)	TM	1,2-Dichloroethan	0.225	0.272	0.268	0.248	0.245	0.270	0.255	7.32
43)	T	Isopropyl Acetate	0.227	0.238	0.233	0.241	0.228	0.228	0.232	2.54
44)	TM	Trichloroethene	0.369	0.383	0.390	0.358	0.351	0.417	0.378	6.33
45)	C	1,2-Dichloropropa	0.308	0.335	0.358	0.332	0.315	0.369	0.336	7.10#
46)	T	Dibromomethane	0.181	0.189	0.200	0.189	0.215	0.204	0.196	6.22
47)	T	Bromodichlorometh	0.362	0.399	0.415	0.385	0.427	0.410	0.400	5.86
48)	T	Methyl methacryla	0.097	0.120	0.132	0.132	0.122	0.115	0.120	10.84
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.001	0.002	10.97
50)	S	Toluene-d8	1.009	0.979	1.023	0.890	0.836	0.995	0.955	7.84
51)	T	4-Methyl-2-Pentan	0.163	0.178	0.166	0.154	0.148	0.187	0.166	8.75
52)	CM	Toluene	0.700	0.728	0.751	0.699	0.680	0.771	0.722	4.83#

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		Compound	5	20	50	100	75	10	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.308	0.330	0.353	0.323	0.323	0.352	0.331	5.35
54)	T	cis-1,3-Dichlorop	0.447	0.496	0.512	0.472	0.462	0.488	0.479	4.90
55)	T	1,1,2-Trichloroet	0.202	0.215	0.223	0.212	0.210	0.231	0.216	4.73
56)	T	Ethyl methacrylat	0.216	0.236	0.244	0.238	0.233	0.221	0.231	4.61
57)	T	1,3-Dichloropropa	0.310	0.379	0.375	0.361	0.342	0.346	0.352	7.17
58)	T	2-Chloroethyl Vin	0.085	0.082	0.083	0.078	0.076	0.082	0.081	4.26
59)	T	2-Hexanone	0.117	0.130	0.117	0.110	0.110	0.125	0.118	6.92
60)	T	Dibromochlorometh	0.213	0.276	0.293	0.286	0.271	0.261	0.267	10.83
61)	T	1,2-Dibromoethane	0.206	0.234	0.238	0.230	0.223	0.212	0.224	5.61
62)	S	4-Bromofluorobenz	0.379	0.343	0.367	0.334	0.325	0.315	0.344	7.20
63)	I	Chlorobenzene-d5	----------	----------	ISTD	----------	----------	----------	----------	----------
64)	T	Tetrachloroethene	0.365	0.379	0.412	0.360	0.338	0.451	0.384	10.63
65)	PM	Chlorobenzene	0.949	0.988	1.004	0.927	0.882	1.044	0.966	6.02
66)	T	1,1,1,2-Tetrachlo	0.365	0.405	0.394	0.382	0.355	0.407	0.385	5.50
67)	C	Ethyl Benzene	1.563	1.792	1.688	1.489	1.497	1.913	1.657	10.36#
68)	T	m/p-Xylenes	0.604	0.658	0.655	0.608	0.582	0.698	0.634	6.84
69)	T	o-Xylene	0.541	0.645	0.689	0.642	0.621	0.715	0.642	9.36
70)	T	Styrene	0.867	0.968	1.001	0.901	0.915	1.026	0.946	6.56
71)	P	Bromoform	0.139	0.189	0.198	0.198	0.191	0.192	0.184	12.13
72)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------	----------	----------
73)	T	Isopropylbenzene	3.483	3.528	3.683	3.129	3.147	3.962	3.489	9.15
74)	T	N-amyl acetate	0.938	1.036	0.958	0.866	0.913	1.188	0.983	11.69
75)	P	1,1,2,2-Tetrachlo	0.651	0.808	0.770	0.728	0.684	0.829	0.745	9.40
76)	T	1,2,3-Trichloropr	0.479	0.518	0.495	0.487	0.455	0.530	0.494	5.51
77)	T	Bromobenzene	0.821	0.906	0.892	0.824	0.859	0.958	0.877	6.00
78)	T	n-propylbenzene	4.211	4.546	4.403	3.285	3.785	5.046	4.212	14.58
79)	T	2-Chlorotoluene	2.261	2.547	2.512	2.240	2.243	2.658	2.410	7.64
80)	T	1,3,5-Trimethylbe	2.750	3.030	3.001	2.579	2.532	3.227	2.853	9.68
81)	T	trans-1,4-Dichlor	0.165	0.231	0.224	0.224	0.215	0.197	0.209	11.80
82)	T	4-Chlorotoluene	2.275	2.510	2.457	2.136	2.204	2.631	2.369	8.16
83)	T	tert-Butylbenzene	2.698	3.020	2.921	2.621	2.586	3.116	2.827	7.86
84)	T	1,2,4-Trimethylbe	2.533	2.860	2.810	2.467	2.369	3.192	2.705	11.35
85)	T	sec-Butylbenzene	3.506	3.922	4.036	3.277	3.330	4.281	3.725	11.06
86)	T	p-Isopropyltoluen	2.996	3.256	3.197	2.748	2.726	3.681	3.101	11.59
87)	T	1,3-Dichlorobenze	1.575	1.635	1.529	1.398	1.368	1.771	1.546	9.72
88)	T	1,4-Dichlorobenze	1.492	1.445	1.461	1.323	1.285	1.651	1.443	9.06
89)	T	n-Butylbenzene	3.114	3.332	3.122	2.623	2.654	3.870	3.119	14.85
90)	T	Hexachloroethane	0.642	0.770	0.824	0.749	0.720	0.833	0.756	9.35
91)	T	1,2-Dichlorobenze	1.309	1.359	1.407	1.247	1.242	1.588	1.359	9.51
92)	T	1,2-Dibromo-3-Chl	0.062	0.084	0.084	0.087	0.078	0.091	0.081	12.59
93)	T	1,2,4-Trichlorobe	0.905	0.912	0.976	0.920	0.822	1.062	0.933	8.60
94)	T	Hexachlorobutadie	0.624	0.601	0.696	0.645	0.577	0.730	0.645	9.00
95)	T	Naphthalene	1.247	1.512	1.612	1.713	1.520	1.567	1.529	10.23
96)	T	1,2,3-Trichlorobe	0.816	0.819	0.884	0.882	0.794	0.915	0.852	5.66

(#) = Out of Range