Response Factor Report GC/MS Ins

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
Method File : 82F062118S.M
Title : SW846 8260
Last Update : Fri Jun 22 05:22:31 2018
Response Via : Initial Calibration

Calibration Files
5 =VF059263.D 20 =VF059265.D 50 =VF059266.D
100 =VF059268.D 150 =VF059269.D 10 =VF059264.D

		Compound	5	20	50	100	150	10	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluorom	0.658	0.567	0.562	0.581	0.512	0.613	0.582	8.49
3)	P	Chloromethane	0.428	0.347	0.353	0.356	0.341	0.375	0.367	8.76
4)	C	Vinyl Chloride	0.370	0.341	0.364	0.377	0.347	0.381	0.364	4.46#
5)	T	Bromomethane	0.319	0.244	0.238	0.243	0.200	0.238	0.247	15.76
6)	T	Chloroethane	0.206	0.180	0.180	0.187	0.154	0.158	0.177	10.83
7)	T	Trichlorofluorome	0.741	0.649	0.754	0.757	0.650	0.721	0.712	7.02
8)	T	Diethyl Ether	0.188	0.141	0.146	0.173	0.157	0.156	0.160	10.96
9)	T	1,1,2-Trichlorotr	0.479	0.410	0.377	0.381	0.313	0.424	0.397	13.95
10)	T	Methyl Iodide	0.834	0.669	0.696	0.747	0.640	0.772	0.726	9.91
11)	T	Tert butyl alcoho	0.042	0.042	0.038	0.041	0.041	0.046	0.042	6.31
12)	CM	1,1-Dichloroethen	0.386	0.339	0.325	0.359	0.327	0.391	0.354	8.16#
13)	T	Acrolein	0.045	0.036	0.031	0.032	0.032	0.038	0.036	15.11
14)	T	Allyl chloride	0.703	0.673	0.607	0.680	0.616	0.644	0.654	5.82
15)	T	Acrylonitrile	0.082	0.077	0.071	0.082	0.100	0.114	0.088	18.58
16)	T	Acetone	0.179	0.168	0.161	0.157	0.148	0.204	0.170	11.75
17)	T	Carbon Disulfide	1.036	0.765	0.817	0.907	0.793	0.847	0.861	11.45
18)	T	Methyl Acetate	0.414	0.279	0.293	0.309	0.313	0.310	0.320	15.03
19)	T	Methyl tert-butyl	1.139	1.198	1.162	1.252	1.117	1.265	1.189	5.09
20)	T	Methylene Chlorid	0.481	0.339	0.333	0.356	0.326	0.390	0.371	15.79
21)	T	trans-1,2-Dichlor	0.413	0.330	0.364	0.386	0.347	0.380	0.370	7.97
22)	T	Diisopropyl ether	1.345	1.347	1.304	1.424	1.346	1.376	1.357	2.94
23)	T	Vinyl Acetate	0.800	0.929	0.851	0.876	0.785	0.967	0.868	8.21
24)	P	1,1-Dichloroethan	0.972	0.886	0.820	0.871	0.791	0.939	0.880	7.84
25)	T	2-Butanone	0.244	0.228	0.216	0.217	0.200	0.253	0.226	8.66
26)	T	2,2-Dichloropropa	0.687	0.629	0.592	0.607	0.513	0.651	0.613	9.66
27)	T	cis-1,2-Dichloroe	0.589	0.566	0.552	0.571	0.508	0.587	0.562	5.35
28)	T	Bromochloromethan	0.369	0.446	0.320	0.326	0.299	0.427	0.365	16.65
29)		Tetrahydrofuran	0.111	0.109	0.093	0.095	0.091	0.110	0.102	9.14
30)	C	Chloroform	1.381	1.254	1.204	1.299	1.115	1.392	1.274	8.35#
31)	T	Cyclohexane	0.683	0.593	0.593	0.614	0.518	0.633	0.606	8.98
32)	T	1,1,1-Trichloroet	1.028	1.037	0.925	0.944	0.803	1.034	0.962	9.56
33)	S	1,2-Dichloroethan	0.762	0.755	0.687	0.691	0.654	0.757	0.718	6.43
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorometh	0.470	0.443	0.402	0.397	0.362	0.449	0.421	9.55
36)	T	1,1-Dichloroprope	0.612	0.480	0.526	0.543	0.483	0.509	0.525	9.30
37)	T	Ethyl Acetate	0.364	0.369	0.316	0.315	0.303	0.348	0.336	8.40
38)	T	Carbon Tetrachlor	0.697	0.637	0.660	0.644	0.582	0.654	0.645	5.82
39)	T	Methylcyclohexane	0.554	0.430	0.460	0.480	0.426	0.471	0.470	9.91
40)	TM	Benzene	1.245	1.071	1.111	1.105	1.000	1.158	1.115	7.42
41)	T	Methacrylonitrile	0.149	0.155	0.160	0.157	0.154	0.186	0.160	8.25
42)	TM	1,2-Dichloroethan	0.666	0.602	0.678	0.652	0.588	0.667	0.642	5.88
43)	T	Isopropyl Acetate	0.429	0.376	0.428	0.431	0.421	0.384	0.411	6.03
44)	TM	Trichloroethene	0.419	0.360	0.400	0.384	0.336	0.419	0.386	8.61
45)	C	1,2-Dichloropropa	0.362	0.298	0.330	0.327	0.292	0.343	0.325	8.19#
46)	T	Dibromomethane	0.284	0.260	0.277	0.282	0.251	0.293	0.275	5.75
47)	T	Bromodichlorometh	0.673	0.650	0.676	0.680	0.590	0.675	0.657	5.30
48)	T	Methyl methacryla	0.211	0.245	0.273	0.292	0.273	0.269	0.260	10.99
49)	T	1,4-Dioxane	0.002	0.001	0.001	0.002	0.002	0.001	0.002	13.66
50)	S	Toluene-d8	1.201	1.071	1.051	1.077	0.934	1.087	1.070	7.98
51)	T	4-Methyl-2-Pentan	0.313	0.279	0.298	0.287	0.263	0.321	0.293	7.39
52)	CM	Toluene	1.000	0.810	0.842	0.838	0.743	0.930	0.860	10.61#

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
Method File : 82F062118S.M
Title : SW846 8260
Last Update : Fri Jun 22 05:22:31 2018
Response Via : Initial Calibration

Calibration Files
5 =VF059263.D 20 =VF059265.D 50 =VF059266.D
100 =VF059268.D 150 =VF059269.D 10 =VF059264.D

		Compound	5	20	50	100	150	10	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.667	0.584	0.629	0.619	0.550	0.654	0.617	7.11
54)	T	cis-1,3-Dichlorop	0.662	0.619	0.676	0.676	0.593	0.682	0.652	5.64
55)	T	1,1,2-Trichloroet	0.347	0.308	0.342	0.337	0.301	0.358	0.332	6.84
56)	T	Ethyl methacrylat	0.367	0.348	0.412	0.401	0.382	0.369	0.380	6.20
57)	T	1,3-Dichloropropa	0.595	0.519	0.561	0.554	0.495	0.572	0.549	6.63
58)	T	2-Chloroethyl Vin	0.031	0.030	0.031	0.031	0.026	0.033	0.030	7.57
59)	T	2-Hexanone	0.250	0.228	0.234	0.218	0.207	0.259	0.233	8.48
60)	T	Dibromochlorometh	0.464	0.449	0.522	0.525	0.461	0.512	0.489	6.99
61)	T	1,2-Dibromoethane	0.373	0.374	0.396	0.393	0.359	0.400	0.383	4.26
62)	S	4-Bromofluorobenz	0.651	0.601	0.584	0.570	0.498	0.657	0.593	9.87
63)	I	Chlorobenzene-d5	----------	ISTD	----------					
64)	T	Tetrachloroethene	0.413	0.361	0.388	0.379	0.352	0.411	0.384	6.60
65)	PM	Chlorobenzene	1.125	1.053	1.064	1.069	0.971	1.102	1.064	4.98
66)	T	1,1,1,2-Tetrachlo	0.465	0.442	0.432	0.442	0.396	0.483	0.443	6.74
67)	C	Ethyl Benzene	2.048	1.783	1.790	1.740	1.534	1.942	1.806	9.79#
68)	T	m/p-Xylenes	0.719	0.642	0.665	0.618	0.526	0.725	0.649	11.32
69)	T	o-Xylene	0.789	0.687	0.745	0.690	0.636	0.756	0.717	7.80
70)	T	Styrene	1.134	1.115	1.088	1.034	0.965	1.150	1.081	6.47
71)	P	Bromoform	0.323	0.319	0.319	0.316	0.302	0.317	0.316	2.33
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
73)	T	Isopropylbenzene	3.369	3.414	3.502	3.600	2.986	3.794	3.444	7.86
74)	T	N-amyl acetate	1.002	1.153	1.126	1.166	1.105	1.196	1.125	6.05
75)	P	1,1,2,2-Tetrachlo	0.787	0.835	0.793	0.783	0.726	0.926	0.808	8.33
76)	T	1,2,3-Trichloropr	0.565	0.604	0.588	0.571	0.574	0.648	0.592	5.22
77)	T	Bromobenzene	0.966	0.934	0.939	0.896	0.834	1.015	0.931	6.63
78)	T	n-propylbenzene	4.507	4.166	4.141	3.808	3.314	4.517	4.075	11.22
79)	T	2-Chlorotoluene	2.538	2.522	2.456	2.352	2.087	2.705	2.443	8.57
80)	T	1,3,5-Trimethylbe	3.015	3.038	2.993	2.748	2.436	3.243	2.912	9.67
81)	T	trans-1,4-Dichlor	0.385	0.375	0.387	0.374	0.375	0.377	0.379	1.52
82)	T	4-Chlorotoluene	2.807	2.670	2.628	2.451	2.257	2.934	2.624	9.28
83)	T	tert-Butylbenzene	3.032	3.073	3.108	2.782	2.418	3.274	2.948	10.32
84)	T	1,2,4-Trimethylbe	3.130	3.262	3.100	2.916	2.620	3.376	3.067	8.76
85)	T	sec-Butylbenzene	4.132	4.124	3.944	3.766	3.256	4.378	3.933	9.91
86)	T	p-Isopropyltoluen	3.275	3.386	3.400	3.120	2.725	3.552	3.243	8.99
87)	T	1,3-Dichlorobenze	1.854	1.706	1.676	1.534	1.392	1.849	1.669	10.82
88)	T	1,4-Dichlorobenze	1.762	1.670	1.656	1.583	1.458	1.757	1.648	6.95
89)	T	n-Butylbenzene	3.455	3.644	3.376	3.012	2.679	3.651	3.303	11.65
90)	T	Hexachloroethane	0.808	0.838	0.811	0.794	0.719	0.894	0.811	7.09
91)	T	1,2-Dichlorobenze	1.763	1.742	1.598	1.513	1.408	1.905	1.655	11.01
92)	T	1,2-Dibromo-3-Chl	0.150	0.173	0.182	0.182	0.181	0.179	0.175	7.07
93)	T	1,2,4-Trichlorobe	1.176	1.279	1.267	1.161	1.038	1.331	1.209	8.73
94)	T	Hexachlorobutadie	0.704	0.726	0.747	0.711	0.626	0.784	0.716	7.38
95)	T	Naphthalene	2.171	2.604	2.715	2.529	2.378	2.495	2.482	7.63
96)	T	1,2,3-Trichlorobe	1.077	1.215	1.225	1.141	1.011	1.154	1.137	7.21

(#) = Out of Range