Response Factor Report GC/MS Ins

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\
Method File : 82F041619S.M
Title : SW846 8260
Last Update : Wed Apr 17 07:56:48 2019
Response Via : Initial Calibration

Instrument : MSVOA_F
ClientSampleId : BFB

Calibration Files
5 =VF062169.D 20 =VF062171.D 50 =VF062172.D
100 =VF062174.D 75 =VF062173.D 10 =VF062170.D

		Compound	5	20	50	100	75	10	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluorom	0.739	0.759	0.700	0.642	0.691	0.870	0.734	10.67
3)	P	Chloromethane	0.708	0.788	0.825	0.721	0.773	0.920	0.789	9.80
4)	C	Vinyl Chloride	0.674	0.696	0.710	0.623	0.675	0.767	0.691	6.89#
5)	T	Bromomethane	0.433	0.420	0.473	0.384	0.438	0.518	0.444	10.41
6)	T	Chloroethane	0.335	0.304	0.340	0.293	0.319	0.372	0.327	8.67
7)	T	Trichlorofluorome	0.842	0.834	0.839	0.737	0.786	0.918	0.826	7.34
8)	T	Diethyl Ether	0.182	0.167	0.171	0.154	0.152	0.174	0.167	7.07
9)	T	1,1,2-Trichlorotr	0.531	0.534	0.549	0.481	0.506	0.637	0.540	9.89
10)	T	Methyl Iodide	0.990	0.991	1.040	0.905	0.977	1.124	1.004	7.24
11)	T	Tert butyl alcoho	0.024	0.026	0.024	0.023	0.025	0.027	0.025	5.86
12)	CM	1,1-Dichloroethen	0.577	0.556	0.560	0.473	0.535	0.592	0.549	7.65#
13)	T	Acrolein	0.024	0.021	0.017		0.013	0.023	0.020	24.24
14)	T	Allyl chloride	0.776	0.771	0.864	0.830	0.726	0.991	0.826	11.36
15)	T	Acrylonitrile	0.099	0.099	0.083	0.077	0.102	0.096	0.093	10.88
16)	T	Acetone	0.128	0.089	0.100	0.086	0.100	0.107	0.102	14.71
17)	T	Carbon Disulfide	1.467	1.521	1.639	1.391	1.552	1.756	1.554	8.30
18)	T	Methyl Acetate	0.390	0.224	0.205	0.178	0.207	0.372	0.263	35.38
19)	T	Methyl tert-butyl	0.947	0.899	0.899	0.825	0.857	1.049	0.913	8.60
20)	T	Methylene Chlorid	0.797	0.565	0.511	0.440	0.489	0.687	0.582	23.25
21)	T	trans-1,2-Dichlor	0.556	0.516	0.520	0.472	0.488	0.598	0.525	8.79
22)	T	Diisopropyl ether	1.613	1.501	1.551	1.400	1.418	1.731	1.536	8.12
23)	T	Vinyl Acetate	0.709	0.808	0.789	0.690	0.751	0.849	0.766	7.94
24)	P	1,1-Dichloroethan	0.860	0.857	0.860	0.770	0.845	0.939	0.855	6.26
25)	T	2-Butanone	0.221	0.219	0.221	0.194	0.215	0.239	0.218	6.61
26)	T	2,2-Dichloropropa	0.469	0.468	0.430	0.392	0.426	0.515	0.450	9.61
27)	T	cis-1,2-Dichloroe	0.687	0.705	0.721	0.612	0.682	0.774	0.697	7.61
28)	T	Bromochloromethan	0.379	0.444	0.429	0.397	0.393	0.415	0.410	5.93
29)		Tetrahydrofuran	0.104	0.099	0.094	0.079	0.092	0.114	0.097	12.23
30)	C	Chloroform	1.056	1.074	1.055	0.953	1.032	1.210	1.063	7.86#
31)	T	Cyclohexane	1.109	1.121	1.125	0.941	1.074	1.259	1.105	9.25
32)	T	1,1,1-Trichloroet	0.691	0.735	0.746	0.655	0.676	0.847	0.725	9.55
33)	S	1,2-Dichloroethan	0.403	0.430	0.492	0.458	0.460	0.459	0.450	6.74
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorometh	0.364	0.401	0.416	0.378	0.385	0.423	0.394	5.78
36)	T	1,1-Dichloroprope	0.541	0.580	0.553	0.484	0.520	0.655	0.556	10.54
37)	T	Ethyl Acetate	0.267	0.272	0.243	0.213	0.244	0.297	0.256	11.25
38)	T	Carbon Tetrachlor	0.423	0.490	0.470	0.456	0.470	0.559	0.478	9.50
39)	T	Methylcyclohexane	0.696	0.710	0.687	0.614	0.682	0.789	0.696	8.09
40)	TM	Benzene	1.486	1.469	1.428	1.285	1.432	1.705	1.467	9.30
41)	T	Methacrylonitrile	0.179	0.156	0.139	0.131	0.147	0.171	0.154	12.16
42)	TM	1,2-Dichloroethan	0.365	0.370	0.377	0.320	0.383	0.413	0.371	8.23
43)	T	Isopropyl Acetate	0.305	0.289	0.284	0.271	0.285	0.341	0.296	8.30
44)	TM	Trichloroethene	0.393	0.412	0.382	0.343	0.371	0.456	0.393	9.82
45)	C	1,2-Dichloropropa	0.382	0.360	0.348	0.320	0.343	0.407	0.360	8.50#
46)	T	Dibromomethane	0.221	0.225	0.212	0.194	0.215	0.235	0.217	6.34
47)	T	Bromodichlorometh	0.503	0.503	0.481	0.433	0.472	0.560	0.492	8.54
48)	T	Methyl methacryla	0.214	0.188	0.187	0.169	0.190	0.214	0.194	8.96
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.001	0.001	0.002	0.002	14.62
50)	S	Toluene-d8	1.064	1.155	1.237	1.105	1.129	1.226	1.153	5.92
51)	T	4-Methyl-2-Pentan	0.225	0.255	0.207	0.193	0.221	0.267	0.228	12.40
52)	CM	Toluene	0.872	0.886	0.830	0.761	0.810	1.013	0.862	10.02#

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53)	T	t-1,3-Dichloropro	0.420	0.451	0.409	0.386	0.411	0.479	0.426	7.85
54)	T	cis-1,3-Dichlorop	0.548	0.540	0.530	0.469	0.522	0.641	0.542	10.34
55)	T	1,1,2-Trichloroet	0.225	0.257	0.242	0.225	0.242	0.291	0.247	9.96
56)	T	Ethyl methacrylat	0.281	0.314	0.279	0.261	0.274	0.354	0.294	11.73
57)	T	1,3-Dichloropropa	0.417	0.413	0.386	0.357	0.392	0.470	0.406	9.40
58)	T	2-Chloroethyl Vin	0.077	0.076	0.066	0.071	0.076	0.087	0.076	9.33
59)	T	2-Hexanone	0.156	0.143	0.134	0.123	0.132	0.182	0.145	14.64
60)	T	Dibromochlorometh	0.322	0.356	0.333	0.303	0.322	0.403	0.340	10.44
61)	T	1,2-Dibromoethane	0.275	0.264	0.258	0.242	0.256	0.289	0.264	6.20
62)	S	4-Bromofluorobenz	0.442	0.481	0.466	0.439	0.410	0.492	0.455	6.66
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.407	0.433	0.404	0.351	0.396	0.460	0.408	8.95
65)	PM	Chlorobenzene	1.033	1.065	1.036	0.926	1.000	1.181	1.040	8.09
66)	T	1,1,1,2-Tetrachlo	0.448	0.465	0.420	0.367	0.402	0.474	0.429	9.54
67)	C	Ethyl Benzene	2.057	2.030	1.927	1.615	1.710	2.230	1.928	11.91#
68)	T	m/p-Xylenes	0.721	0.730	0.706	0.608	0.658	0.834	0.710	10.73
69)	T	o-Xylene	0.768	0.816	0.762	0.663	0.720	0.882	0.768	9.85
70)	T	Styrene	1.142	1.155	1.105	0.936	1.018	1.350	1.118	12.59
71)	P	Bromoform	0.228	0.236	0.214	0.196	0.217	0.258	0.225	9.39
72)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
73)	T	Isopropylbenzene	4.553	4.283	4.372	3.550	3.973	5.114	4.308	12.29
74)	T	N-amyl acetate	1.321	1.113	1.038	0.924	0.966	1.373	1.123	16.57
75)	P	1,1,2,2-Tetrachlo	0.791	0.764	0.758	0.678	0.729	0.884	0.767	8.96
76)	T	1,2,3-Trichloropr	0.528	0.499	0.517	0.462	0.504	0.612	0.520	9.66
77)	T	Bromobenzene	0.935	0.870	0.891	0.805	0.848	1.026	0.896	8.60
78)	T	n-propylbenzene	5.358	4.976	4.808	3.974	4.385	5.877	4.896	13.86
79)	T	2-Chlorotoluene	3.074	2.892	2.912	2.445	2.606	3.388	2.886	11.61
80)	T	1,3,5-Trimethylbe	3.988	3.554	3.577	2.873	3.248	4.315	3.593	14.28
81)	T	trans-1,4-Dichlor	0.292	0.250	0.250	0.242	0.238	0.289	0.260	9.16
82)	T	4-Chlorotoluene	3.074	2.766	2.839	2.384	2.526	3.381	2.828	12.83
83)	T	tert-Butylbenzene	3.852	3.570	3.589	2.874	3.209	4.311	3.567	13.98
84)	T	1,2,4-Trimethylbe	3.783	3.505	3.441	2.788	3.139	4.264	3.487	14.65
85)	T	sec-Butylbenzene	5.241	4.618	4.686	3.849	4.173	5.578	4.691	13.72
86)	T	p-Isopropyltoluen	4.333	3.990	3.969	3.248	3.566	4.871	3.996	14.26
87)	T	1,3-Dichlorobenze	1.801	1.585	1.617	1.398	1.490	1.943	1.639	12.27
88)	T	1,4-Dichlorobenze	1.682	1.625	1.586	1.360	1.471	1.864	1.598	10.89
89)	T	n-Butylbenzene	4.540	4.109	3.888	3.147	3.335	4.979	4.000	17.48
90)	T	Hexachloroethane	1.032	0.951	0.983	0.844	0.932	1.131	0.979	9.92
91)	T	1,2-Dichlorobenze	1.716	1.550	1.523	1.326	1.417	1.905	1.573	13.31
92)	T	1,2-Dibromo-3-Chl	0.153	0.122	0.135	0.126	0.133	0.160	0.138	10.86
93)	T	1,2,4-Trichlorobe	1.285	1.173	1.144	1.012	1.071	1.404	1.181	12.14
94)	T	Hexachlorobutadie	0.803	0.758	0.765	0.701	0.730	0.862	0.770	7.38
95)	T	Naphthalene	2.102	1.985	2.014	1.936	2.044	2.303	2.064	6.28
96)	T	1,2,3-Trichlorobe	1.155	1.076	1.094	0.998	1.028	1.254	1.101	8.42

(#) = Out of Range