Response Factor Report MSVOA_D

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
Method File : 82D040920S.M
Title : SW846 8260
Last Update : Fri Apr 10 01:39:58 2020
Response Via : Initial Calibration

Calibration Files
10 =VD065607.D 5 =VD065606.D 20 =VD065608.D
50 =VD065609.D 100 =VD065610.D

		Compound	10	5	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.430	0.504	0.433	0.464	0.425	0.451	7.38
3)	P	Chloromethane	0.573	0.639	0.558	0.534	0.499	0.561	9.30
4)	C	Vinyl Chloride	0.518	0.571	0.520	0.532	0.479	0.524	6.29#
5)	T	Bromomethane	0.376	0.447	0.357	0.341	0.327	0.370	12.70
6)	T	Chloroethane	0.325	0.362	0.316	0.317	0.295	0.323	7.53
7)	T	Trichlorofluorometh	0.798	0.911	0.777	0.773	0.716	0.795	9.00
8)	T	Diethyl Ether	0.161	0.165	0.169	0.176	0.151	0.164	5.63
9)	T	1,1,2-Trichlorotrif	0.513	0.592	0.512	0.513	0.469	0.520	8.55
10)	T	Methyl Iodide	0.422	0.456	0.488	0.594	0.597	0.511	15.67
11)	T	Tert butyl alcohol	0.021	0.026	0.023	0.024	0.026	0.024	9.50
12)	CM	1,1-Dichloroethene	0.471	0.532	0.471	0.474	0.450	0.479	6.41#
13)	T	Acrolein	0.034	0.034	0.035	0.031	0.032	0.033	5.56
14)	T	Allyl chloride	0.676	0.736	0.689	0.731	0.723	0.711	3.78
15)	T	Acrylonitrile	0.095	0.097	0.095	0.096	0.102	0.097	2.90
16)	T	Acetone	0.087	0.097	0.081	0.081	0.081	0.085	8.37
17)	T	Carbon Disulfide	1.577	1.764	1.564	1.594	1.477	1.595	6.56
18)	T	Methyl Acetate	0.246	0.264	0.253	0.239	0.251	0.251	3.63
19)	T	Methyl tert-butyl E	0.852	0.863	0.906	0.986	1.026	0.927	8.27
20)	T	Methylene Chloride	0.574	0.705	0.539	0.513	0.492	0.564	14.96
21)	T	trans-1,2-Dichloroe	0.522	0.572	0.533	0.561	0.533	0.544	3.89
22)	T	Diisopropyl ether	1.286	1.210	1.418	1.474	1.446	1.367	8.31
23)	T	Vinyl Acetate	0.654	0.602	0.726	0.797	0.837	0.723	13.44
24)	P	1,1-Dichloroethane	0.888	0.997	0.894	0.905	0.863	0.909	5.63
25)	T	2-Butanone	0.114	0.116	0.112	0.117	0.125	0.117	3.97
26)	T	2,2-Dichloropropane	0.814	0.912	0.795	0.797	0.752	0.814	7.28
27)	T	cis-1,2-Dichloroeth	0.543	0.552	0.545	0.576	0.568	0.557	2.57
28)	T	Bromochloromethane	0.381	0.385	0.363	0.354	0.342	0.365	4.95
29)	T	Tetrahydrofuran	0.069	0.068	0.073	0.075	0.082	0.073	8.02
30)	C	Chloroform	0.955	1.023	0.954	0.938	0.891	0.952	5.00#
31)	T	Cyclohexane	0.810	0.970	0.816	0.824	0.798	0.844	8.47
32)	T	1,1,1-Trichloroetha	0.834	0.960	0.852	0.854	0.803	0.861	6.87
33)	S	1,2-Dichloroethane-	0.463	0.552	0.458	0.451	0.440	0.473	9.51
34)	I	1,4-Difluorobenzene	----------ISTD----------						
35)	S	Dibromofluoromethan	0.319	0.394	0.344	0.352	0.337	0.349	7.95
36)	T	1,1-Dichloropropene	0.482	0.528	0.513	0.542	0.509	0.515	4.36
37)	T	Ethyl Acetate	0.170	0.184	0.196	0.198	0.207	0.191	7.46
38)	T	Carbon Tetrachlorid	0.527	0.600	0.557	0.575	0.536	0.559	5.27
39)	T	Methylcyclohexane	0.498	0.544	0.571	0.654	0.646	0.583	11.44
40)	TM	Benzene	1.377	1.493	1.479	1.540	1.465	1.471	4.05
41)	T	Methacrylonitrile	0.092	0.101	0.120	0.112	0.116	0.108	10.67
42)	TM	1,2-Dichloroethane	0.403	0.419	0.415	0.415	0.403	0.411	1.81
43)	T	Isopropyl Acetate	0.318	0.314	0.352	0.370	0.389	0.349	9.37
44)	TM	Trichloroethene	0.405	0.438	0.420	0.437	0.414	0.423	3.39
45)	C	1,2-Dichloropropane	0.338	0.361	0.359	0.373	0.359	0.358	3.48#
46)	T	Dibromomethane	0.186	0.194	0.194	0.194	0.193	0.192	1.77
47)	T	Bromodichloromethan	0.487	0.511	0.507	0.521	0.498	0.505	2.57
48)	T	Methyl methacrylate	0.145	0.139	0.162	0.175	0.188	0.162	12.47
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	11.37
50)	S	Toluene-d8	1.168	1.332	1.274	1.333	1.271	1.276	5.26
51)	T	4-Methyl-2-Pentanon	0.163	0.155	0.183	0.191	0.206	0.180	11.40
52)	CM	Toluene	0.857	0.897	0.941	0.995	0.958	0.930	5.78#

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		Compound	10	5	20	50	100	Avg	%RSD
53)	T	t-1,3-Dichloroprope	0.407	0.414	0.452	0.480	0.487	0.448	8.23
54)	T	cis-1,3-Dichloropro	0.519	0.504	0.554	0.584	0.582	0.549	6.61
55)	T	1,1,2-Trichloroetha	0.269	0.267	0.278	0.270	0.267	0.270	1.63
56)	T	Ethyl methacrylate	0.236	0.203	0.275	0.312	0.336	0.272	19.96
57)	T	1,3-Dichloropropane	0.423	0.445	0.451	0.458	0.460	0.447	3.35
58)	T	2-Chloroethyl Vinyl	0.129	0.121	0.143	0.157	0.166	0.143	13.23
59)	T	2-Hexanone	0.107	0.098	0.120	0.131	0.141	0.119	14.40
60)	T	Dibromochloromethan	0.351	0.358	0.360	0.368	0.362	0.360	1.72
61)	T	1,2-Dibromoethane	0.248	0.251	0.264	0.260	0.261	0.257	2.71
62)	S	4-Bromofluorobenzen	0.367	0.433	0.399	0.430	0.420	0.410	6.69
63)	I	Chlorobenzene-d5	----------	ISTD	----------				
64)	T	Tetrachloroethene	0.375	0.439	0.387	0.409	0.378	0.398	6.67
65)	PM	Chlorobenzene	1.007	1.151	1.068	1.122	1.067	1.083	5.15
66)	T	1,1,1,2-Tetrachloro	0.383	0.432	0.404	0.430	0.413	0.413	4.88
67)	C	Ethyl Benzene	1.560	1.713	1.779	1.975	1.913	1.788	9.21#
68)	T	m/p-Xylenes	0.629	0.647	0.716	0.786	0.749	0.705	9.43
69)	T	o-Xylene	0.524	0.533	0.622	0.687	0.674	0.608	12.59
70)	T	Styrene	0.931	0.896	1.108	1.237	1.203	1.075	14.45
71)	P	Bromoform	0.223	0.240	0.230	0.232	0.232	0.231	2.68
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
73)	T	Isopropylbenzene	2.749	2.864	3.225	3.598	3.494	3.186	11.74
74)	T	N-amyl acetate	0.568	0.514	0.628	0.693	0.752	0.631	15.13
75)	P	1,1,2,2-Tetrachloro	0.575	0.605	0.584	0.585	0.579	0.586	1.95
76)	T	1,2,3-Trichloroprop	0.449	0.316	0.402	0.412	0.426	0.401	12.66
77)	T	Bromobenzene	0.801	0.903	0.865	0.917	0.881	0.873	5.17
78)	T	n-propylbenzene	3.424	3.420	3.947	4.311	4.122	3.845	10.58
79)	T	2-Chlorotoluene	2.010	2.110	2.223	2.396	2.278	2.204	6.78
80)	T	1,3,5-Trimethylbenz	2.328	2.382	2.792	3.009	2.915	2.685	11.60
81)	T	trans-1,4-Dichloro-	0.153	0.142	0.176	0.192	0.202	0.173	14.70
82)	T	4-Chlorotoluene	2.181	2.315	2.412	2.534	2.417	2.372	5.56
83)	T	tert-Butylbenzene	1.839	1.976	2.267	2.607	2.538	2.245	15.02
84)	T	1,2,4-Trimethylbenz	2.344	2.306	2.751	3.028	2.913	2.668	12.32
85)	T	sec-Butylbenzene	2.816	2.875	3.249	3.564	3.470	3.195	10.62
86)	T	p-Isopropyltoluene	2.533	2.560	3.023	3.360	3.265	2.948	13.12
87)	T	1,3-Dichlorobenzene	1.588	1.755	1.672	1.721	1.685	1.684	3.73
88)	T	1,4-Dichlorobenzene	1.599	1.802	1.677	1.709	1.624	1.682	4.74
89)	T	n-Butylbenzene	2.274	2.490	2.609	2.990	2.940	2.661	11.40
90)	T	Hexachloroethane	0.595	0.701	0.633	0.656	0.630	0.643	6.08
91)	T	1,2-Dichlorobenzene	1.365	1.456	1.436	1.480	1.427	1.433	3.00
92)	T	1,2-Dibromo-3-Chlor	0.086	0.104	0.086	0.087	0.089	0.090	8.46
93)	T	1,2,4-Trichlorobenz	0.831	0.929	0.912	1.008	1.025	0.941	8.33
94)	T	Hexachlorobutadiene	0.615	0.706	0.638	0.670	0.642	0.654	5.37
95)	T	Naphthalene	1.076	1.194	1.290	1.539	1.719	1.364	19.20
96)	T	1,2,3-Trichlorobenz	0.711	0.788	0.808	0.874	0.893	0.815	8.92

(#) = Out of Range