Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D082823S.M
Title : SW846 8260
Last Update : Tue Aug 29 02:15:23 2023
Response Via : Initial Calibration

Calibration Files
5 =VD077033.D 10 =VD077034.D 20 =VD077035.D 50 =VD077036.D 100 =VD077037.D 150 =VD077038.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.518	0.499	0.478	0.458	0.444	0.474	0.478	5.58
3)	P	Chloromethane	1.126	1.042	0.889	0.886	0.727	0.797	0.911	16.36
4)	C	Vinyl Chloride	1.140	1.073	1.025	1.014	0.913	0.966	1.022	7.78#
5)	T	Bromomethane	1.006	0.892	0.859	0.854	0.789	0.845	0.874	8.33
6)	T	Chloroethane	0.718	0.768	0.675	0.702	0.630	0.671	0.694	6.80
7)	T	Trichlorofluor...	0.996	0.967	0.929	0.901	0.849	0.905	0.925	5.63
8)	T	Diethyl Ether	0.235	0.243	0.242	0.277	0.251	0.272	0.253	6.73
9)	T	1,1,2-Trichlor...	0.532	0.559	0.530	0.537	0.519	0.563	0.540	3.21
10)	T	Methyl Iodide	0.567	0.640	0.669	0.772	0.698	0.784	0.688	11.94
11)	T	Tert butyl alc...	0.032	0.029	0.028	0.031	0.027	0.030	0.030	6.39
12)	CM	1,1-Dichloroet...	0.561	0.518	0.533	0.543	0.506	0.552	0.536	3.89#
13)	T	Acrolein	0.052	0.048	0.046	0.067	0.065	0.070	0.058	18.17
14)	T	Allyl chloride	0.593	0.591	0.570	0.604	0.573	0.614	0.591	2.90
15)	T	Acrylonitrile	0.107	0.116	0.104	0.121	0.108	0.116	0.112	5.91
16)	T	Acetone	0.124	0.123	0.116	0.113	0.096	0.101	0.112	10.22
17)	T	Carbon Disulfide	1.797	1.773	1.659	1.589	1.460	1.530	1.635	8.20
18)	T	Methyl Acetate	0.357	0.409	0.353	0.415	0.358	0.386	0.380	7.33
19)	T	Methyl tert-bu...	1.085	1.147	1.077	1.272	1.144	1.247	1.162	6.99
20)	T	Methylene Chlo...	1.144	0.948	0.737	0.768	0.640	0.678	0.819	23.39
21)	T	trans-1,2-Dich...	0.662	0.632	0.607	0.662	0.588	0.635	0.631	4.66
22)	T	Diisopropyl ether	1.201	1.309	1.273	1.466	1.312	1.380	1.324	6.86
23)	T	Vinyl Acetate	0.594	0.649	0.637	0.727	0.660	0.712	0.663	7.42
24)	P	1,1-Dichloroet...	1.029	1.008	0.981	1.046	0.921	0.977	0.994	4.48
25)	T	2-Butanone	0.148	0.142	0.132	0.150	0.130	0.141	0.141	5.78
26)	T	2,2-Dichloropr...	0.900	0.894	0.840	0.918	0.843	0.912	0.884	3.90
27)	T	cis-1,2-Dichlo...	0.714	0.686	0.684	0.750	0.684	0.734	0.709	4.08
28)	T	Bromochloromet...	0.423	0.368	0.380	0.331	0.304	0.324	0.355	12.29
29)	T	Tetrahydrofuran	0.073	0.076	0.074	0.089	0.076	0.082	0.078	7.68
30)	C	Chloroform	1.149	1.164	1.079	1.171	1.029	1.087	1.113	5.09#
31)	T	Cyclohexane	0.913	0.834	0.748	0.743	0.723	0.757	0.786	9.25
32)	T	1,1,1-Trichlor...	1.010	1.001	0.924	0.985	0.903	0.974	0.966	4.46
33)	S	1,2-Dichloroet...	0.503	0.507	0.491	0.483	0.477	0.493	0.492	2.34
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.305	0.347	0.329	0.332	0.342	0.349	0.334	4.93
36)	T	1,1-Dichloropr...	0.465	0.460	0.467	0.489	0.467	0.508	0.476	3.91
37)	T	Ethyl Acetate	0.154	0.169	0.169	0.187	0.168	0.183	0.172	6.92
38)	T	Carbon Tetrach...	0.461	0.487	0.444	0.491	0.481	0.522	0.481	5.58
39)	T	Methylcyclohexane	0.508	0.524	0.521	0.549	0.581	0.637	0.553	8.80
40)	TM	Benzene	1.352	1.406	1.381	1.516	1.413	1.504	1.429	4.66
41)	T	Methacrylonitrile	0.093	0.086	0.076	0.103	0.100	0.109	0.095	12.82
42)	TM	1,2-Dichloroet...	0.372	0.384	0.360	0.378	0.351	0.372	0.369	3.29
43)	T	Isopropyl Acetate	0.308	0.310	0.304	0.351	0.333	0.350	0.326	6.62
44)	TM	Trichloroethene	0.414	0.403	0.386	0.423	0.393	0.423	0.407	3.89
45)	C	1,2-Dichloropr...	0.321	0.334	0.323	0.365	0.331	0.354	0.338	5.21#
46)	T	Dibromomethane	0.224	0.222	0.199	0.223	0.205	0.217	0.215	4.89
47)	T	Bromodichlorom...	0.493	0.503	0.481	0.533	0.488	0.517	0.502	3.83
48)	T	Methyl methacr...	0.127	0.140	0.130	0.160	0.153	0.167	0.146	11.18
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.96
50)	S	Toluene-d8	1.017	1.159	1.183	1.230	1.316	1.344	1.208	9.80
51)	T	4-Methyl-2-Pen...	0.147	0.162	0.153	0.190	0.170	0.185	0.168	10.20
52)	CM	Toluene	0.825	0.886	0.863	1.010	0.937	1.006	0.921	8.29#
53)	T	t-1,3-Dichloro...	0.428	0.440	0.426	0.506	0.477	0.511	0.465	8.34
54)	T	cis-1,3-Dichlo...	0.510	0.541	0.520	0.596	0.554	0.594	0.553	6.58
55)	T	1,1,2-Trichlor...	0.299	0.277	0.261	0.306	0.274	0.296	0.286	6.13
56)	T	Ethyl methacry...	0.257	0.272	0.274	0.339	0.318	0.348	0.301	12.74

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57)	T	1,3-Dichloropr...	0.440	0.448	0.425	0.484	0.452	0.475	0.454	4.90
58)	T	2-Chloroethyl ...	0.084	0.091	0.099	0.054	0.057	0.065	0.075	24.83
59)	T	2-Hexanone	0.098	0.118	0.111	0.137	0.124	0.134	0.120	11.90
60)	T	Dibromochlorom...	0.331	0.348	0.338	0.383	0.350	0.372	0.354	5.63
61)	T	1,2-Dibromoethane	0.257	0.286	0.260	0.288	0.263	0.286	0.273	5.43
62)	S	4-Bromofluorob...	0.305	0.323	0.336	0.376	0.391	0.407	0.356	11.53
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.367	0.356	0.350	0.369	0.348	0.371	0.360	2.79
65)	PM	Chlorobenzene	1.093	1.048	1.043	1.138	1.050	1.132	1.084	4.00
66)	T	1,1,1,2-Tetrac...	0.379	0.408	0.387	0.434	0.392	0.432	0.405	5.82
67)	C	Ethyl Benzene	1.655	1.753	1.737	2.020	1.906	2.093	1.861	9.32#
68)	T	m/p-Xylenes	0.646	0.700	0.710	0.819	0.764	0.830	0.745	9.69
69)	T	o-Xylene	0.579	0.639	0.630	0.750	0.705	0.781	0.681	11.38
70)	T	Styrene	0.997	1.063	1.117	1.343	1.236	1.341	1.183	12.34
71)	P	Bromoform	0.225	0.220	0.212	0.245	0.216	0.235	0.226	5.50
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.034	3.333	3.269	3.704	3.652	3.944	3.489	9.59
74)	T	N-amyl acetate	0.549	0.606	0.560	0.675	0.623	0.675	0.615	8.83
75)	P	1,1,2,2-Tetrac...	0.700	0.727	0.657	0.701	0.636	0.672	0.682	4.89
76)	T	1,2,3-Trichlor...	0.457	0.549	0.466	0.471	0.495	0.455	0.482	7.39
77)	T	Bromobenzene	0.840	0.864	0.823	0.942	0.871	0.939	0.880	5.68
78)	T	n-propylbenzene	3.661	4.160	4.099	4.566	4.385	4.714	4.264	8.84
79)	T	2-Chlorotoluene	2.210	2.286	2.184	2.488	2.337	2.482	2.331	5.61
80)	T	1,3,5-Trimethy...	2.568	2.692	2.771	3.162	3.024	3.261	2.913	9.50
81)	T	trans-1,4-Dich...	0.235	0.198	0.185	0.206	0.203	0.220	0.208	8.46
82)	T	4-Chlorotoluene	2.273	2.475	2.297	2.633	2.474	2.644	2.466	6.42
83)	T	tert-Butylbenzene	2.169	2.371	2.326	2.695	2.667	2.884	2.519	10.77
84)	T	1,2,4-Trimethy...	2.518	2.672	2.734	3.224	3.074	3.308	2.922	11.09
85)	T	sec-Butylbenzene	3.321	3.665	3.578	4.005	3.988	4.261	3.803	9.01
86)	T	p-Isopropyltol...	2.637	3.024	3.026	3.500	3.484	3.787	3.243	12.96
87)	T	1,3-Dichlorobe...	1.736	1.809	1.711	1.921	1.806	1.957	1.823	5.38
88)	T	1,4-Dichlorobe...	1.732	1.783	1.657	1.856	1.743	1.842	1.769	4.20
89)	T	n-Butylbenzene	2.685	2.813	2.729	3.193	3.116	3.333	2.978	9.09
90)	T	Hexachloroethane	0.599	0.633	0.602	0.658	0.619	0.661	0.629	4.28
91)	T	1,2-Dichlorobe...	1.510	1.589	1.448	1.638	1.521	1.617	1.554	4.70
92)	T	1,2-Dibromo-3-...	0.093	0.108	0.080	0.100	0.092	0.097	0.095	9.81
93)	T	1,2,4-Trichlor...	0.866	0.880	0.882	1.034	1.005	1.067	0.956	9.39
94)	T	Hexachlorobuta...	0.479	0.509	0.450	0.508	0.517	0.544	0.501	6.49
95)	T	Naphthalene	1.482	1.598	1.594	1.966	1.916	2.078	1.773	13.76
96)	T	1,2,3-Trichlor...	0.804	0.818	0.778	0.920	0.877	0.939	0.856	7.70

(#) = Out of Range