Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
Method File : SFAMWLM021320SMA.M
Title : SFAM01.0
Last Update : Thu Feb 13 12:39:02 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VW014970.D 5 =VW014971.D 25 =VW014972.D
50 =VW014973.D 100 =VW014974.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.259	0.262	0.227	0.230	0.264	0.248	7.49
3)	T	Chloromethane	0.560	0.479	0.403	0.421	0.472	0.467	13.10
4)	S	Vinyl Chloride-d3	0.563	0.481	0.521	0.476	0.477	0.503	7.59
5)	T	Vinyl chloride	0.692	0.642	0.546	0.570	0.557	0.601	10.43
6)	T	Bromomethane	0.314	0.286	0.247	0.256	0.261	0.273	9.90
7)	S	Chloroethane-d5	0.421	0.370	0.397	0.363	0.367	0.384	6.48
8)	T	Chloroethane	0.361	0.337	0.296	0.306	0.308	0.322	8.37
9)	T	Trichlorofluorometh	0.266	0.236	0.224	0.222	0.239	0.237	7.44
10)	T	1,1,2-Trichloro-1,2	0.432	0.395	0.368	0.379	0.368	0.388	6.90
11)	S	1,1-Dichloroethene-	0.962	0.853	0.913	0.887	0.902	0.903	4.41
12)	T	1,1-Dichloroethene	0.383	0.366	0.355	0.379	0.381	0.373	3.23
13)	T	Acetone	0.158	0.133	0.144	0.160	0.137	0.146	8.32
14)	T	Carbon disulfide	1.446	1.369	1.264	1.331	1.324	1.347	4.97
15)	T	Methyl Acetate	0.251	0.225	0.249	0.283	0.262	0.254	8.31
16)	T	Methylene chloride	0.592	0.509	0.395	0.410	0.404	0.462	18.66
17)	T	trans-1,2-Dichloroe	0.382	0.370	0.354	0.382	0.391	0.376	3.79
18)	T	Methyl tert-butyl E	0.413	0.432	0.454	0.513	0.506	0.464	9.57
19)	T	1,1-Dichloroethane	0.896	0.853	0.785	0.827	0.838	0.840	4.77
20)	T	cis-1,2-Dichloroeth	0.378	0.366	0.371	0.405	0.418	0.387	5.87
21)	S	2-Butanone-d5	0.124	0.119	0.150	0.159	0.150	0.140	12.58
22)	T	2-Butanone	0.150	0.143	0.178	0.213	0.197	0.176	16.79
23)	T	Bromochloromethane	0.166	0.157	0.148	0.157	0.158	0.157	4.08
24)	S	Chloroform-d	0.886	0.808	0.816	0.750	0.755	0.803	6.87
25)	T	Chloroform	0.797	0.778	0.703	0.730	0.733	0.748	5.13
26)	S	1,2-Dichloroethane-	0.526	0.454	0.481	0.447	0.447	0.471	7.22
27)	T	1,2-Dichloroethane	0.578	0.551	0.522	0.553	0.546	0.550	3.68
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.682	0.717	0.841	0.918	0.918	0.815	13.60
30)	T	1,1,1-Trichloroetha	0.644	0.642	0.582	0.593	0.580	0.608	5.29
31)	T	Carbon tetrachlorid	0.570	0.571	0.524	0.545	0.531	0.548	3.97
32)	S	Benzene-d6	1.750	1.680	1.778	1.622	1.593	1.685	4.73
33)	T	Benzene	1.826	1.921	1.796	1.844	1.790	1.836	2.88
34)	T	Trichloroethene	0.459	0.449	0.417	0.439	0.435	0.440	3.64
35)	T	Methylcyclohexane	0.692	0.715	0.763	0.811	0.810	0.758	7.15
36)	S	1,2-Dichloropropane	0.616	0.574	0.601	0.553	0.552	0.579	4.94
37)	T	1,2-Dichloropropane	0.522	0.533	0.490	0.515	0.503	0.513	3.27
38)	T	Bromodichloromethan	0.603	0.578	0.547	0.581	0.578	0.577	3.46
39)	T	cis-1,3-Dichloropro	0.602	0.622	0.676	0.755	0.775	0.686	11.27
40)	T	4-Methyl-2-pentanon	0.272	0.305	0.380	0.455	0.413	0.365	20.67
41)	S	Toluene-d8	1.327	1.349	1.560	1.440	1.430	1.421	6.45
42)	T	Toluene	1.621	1.756	1.791	1.874	1.825	1.774	5.40
43)	S	trans-1,3-Dichlorop	0.203	0.202	0.234	0.228	0.233	0.220	7.38
44)	T	trans-1,3-Dichlorop	0.499	0.511	0.569	0.634	0.633	0.569	11.33
45)	T	1,1,2-Trichloroetha	0.316	0.304	0.301	0.322	0.312	0.311	2.80
46)	T	Tetrachloroethene	0.290	0.293	0.277	0.281	0.286	0.285	2.25
47)	S	2-Hexanone-d5	0.069	0.076	0.119	0.130	0.122	0.103	27.55
48)	T	2-Hexanone	0.185	0.201	0.289	0.345	0.310	0.266	26.21
49)	T	Dibromochloromethan	0.314	0.315	0.313	0.340	0.338	0.324	4.22
50)	T	1,2-Dibromoethane	0.267	0.271	0.275	0.299	0.290	0.280	4.96
51)	T	Chlorobenzene	1.060	1.067	0.999	1.051	1.054	1.046	2.60
52)	T	Ethylbenzene	1.703	1.858	1.950	2.078	2.071	1.932	8.13

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	m,p-Xylene	0.568	0.653	0.693	0.734	0.742	0.678	10.49
54)	T	o-Xylene	0.535	0.586	0.648	0.695	0.718	0.637	11.91
55)	T	Styrene	0.854	1.027	1.153	1.217	1.237	1.097	14.48
56)	S	1,1,2,2-Tetrachloro	0.438	0.405	0.460	0.446	0.413	0.432	5.27
57)	T	1,1,2,2-Tetrachloro	0.392	0.404	0.415	0.454	0.417	0.416	5.59
58)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
59)	T	Bromoform	0.382	0.365	0.362	0.397	0.405	0.382	4.91
60)		Isopropylbenzene	3.500	3.755	3.880	4.122	4.310	3.914	8.06
61)		1,2,3-Trichloroprop	0.735	0.736	0.693	0.766	0.733	0.733	3.51
62)		1,3,5-Trimethylbenz	2.546	2.758	3.192	3.446	3.660	3.120	14.88
63)		1,2,4-Trimethylbenz	2.389	2.698	3.185	3.390	3.601	3.053	16.37
64)	T	1,3-Dichlorobenzene	1.623	1.603	1.545	1.614	1.682	1.613	3.02
65)	T	1,4-Dichlorobenzene	1.735	1.710	1.559	1.627	1.683	1.663	4.23
66)	S	1,2-Dichlorobenzene	1.002	0.913	0.968	0.899	0.923	0.941	4.54
67)	T	1,2-Dichlorobenzene	1.509	1.481	1.446	1.491	1.536	1.493	2.23
68)	T	1,2-Dibromo-3-chlor	0.137	0.139	0.153	0.174	0.163	0.153	10.32
69)		1,3,5-Trichlorobenz	1.037	1.060	1.059	1.090	1.159	1.081	4.39
70)	T	1,2,4-trichlorobenz	0.664	0.704	0.824	0.895	0.965	0.810	15.60
71)		Naphthalene	0.546	0.620	0.859	1.035	1.103	0.832	29.56
72)	T	1,2,3-Trichlorobenz	0.592	0.656	0.794	0.826	0.886	0.751	16.33

(#) = Out of Range