Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
Method File : SFAMWLM123020SMA.M
Title : SFAM01.0
Last Update : Wed Dec 30 13:04:46 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VW017774.D 5 =VW017775.D 25 =VW017776.D
50 =VW017777.D 100 =VW017778.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.326	0.301	0.286	0.296	0.297	0.301	4.96
3)	T	Chloromethane	0.273	0.251	0.254	0.258	0.274	0.262	4.06
4)	S	Vinyl Chloride-d3	0.442	0.422	0.436	0.422	0.402	0.425	3.63
5)	T	Vinyl chloride	0.440	0.425	0.449	0.429	0.417	0.432	2.90
6)	T	Bromomethane	0.339	0.362	0.381	0.413	0.417	0.382	8.71
7)	S	Chloroethane-d5	0.369	0.371	0.374	0.376	0.356	0.369	2.12
8)	T	Chloroethane	0.271	0.275	0.299	0.296	0.288	0.286	4.28
9)	T	Trichlorofluorometh	0.280	0.292	0.312	0.290	0.296	0.294	3.90
10)	T	1,1,2-Trichloro-1,2	0.345	0.342	0.342	0.334	0.320	0.337	2.99
11)	S	1,1-Dichloroethene-	0.746	0.705	0.732	0.719	0.674	0.715	3.91
12)	T	1,1-Dichloroethene	0.328	0.310	0.329	0.320	0.310	0.319	2.95
13)	T	Acetone	0.103	0.069	0.065	0.062	0.065	0.073	23.74
14)	T	Carbon disulfide	0.821	0.841	0.996	0.985	0.935	0.916	8.85
15)	T	Methyl Acetate	0.157	0.144	0.164	0.160	0.162	0.157	5.21
16)	T	Methylene chloride	0.569	0.448	0.353	0.333	0.312	0.403	26.47
17)	T	trans-1,2-Dichloroe	0.348	0.329	0.349	0.348	0.337	0.342	2.55
18)	T	Methyl tert-butyl E	0.439	0.447	0.449	0.435	0.410	0.436	3.55
19)	T	1,1-Dichloroethane	0.601	0.612	0.626	0.610	0.583	0.606	2.59
20)	T	cis-1,2-Dichloroeth	0.350	0.364	0.376	0.379	0.361	0.366	3.21
21)	S	2-Butanone-d5	0.131	0.104	0.100	0.099	0.102	0.107	12.26
22)	T	2-Butanone	0.167	0.114	0.110	0.106	0.109	0.121	21.25
23)	T	Bromochloromethane	0.173	0.161	0.171	0.170	0.164	0.168	3.04
24)	S	Chloroform-d	0.728	0.698	0.717	0.730	0.670	0.709	3.53
25)	T	Chloroform	0.633	0.655	0.655	0.649	0.623	0.643	2.27
26)	S	1,2-Dichloroethane-	0.446	0.412	0.406	0.411	0.379	0.411	5.81
27)	T	1,2-Dichloroethane	0.462	0.462	0.469	0.467	0.436	0.459	2.93
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.565	0.562	0.618	0.600	0.588	0.587	4.03
30)	T	1,1,1-Trichloroetha	0.602	0.555	0.579	0.575	0.563	0.575	3.15
31)	T	Carbon tetrachlorid	0.531	0.511	0.556	0.552	0.549	0.540	3.44
32)	S	Benzene-d6	1.524	1.441	1.438	1.464	1.376	1.449	3.68
33)	T	Benzene	1.480	1.433	1.487	1.490	1.409	1.460	2.51
34)	T	Trichloroethene	0.406	0.387	0.406	0.407	0.388	0.399	2.55
35)	T	Methylcyclohexane	0.653	0.643	0.714	0.717	0.687	0.683	5.01
36)	S	1,2-Dichloropropane	0.437	0.418	0.410	0.422	0.386	0.414	4.50
37)	T	1,2-Dichloropropane	0.351	0.357	0.362	0.357	0.339	0.353	2.48
38)	T	Bromodichloromethan	0.490	0.475	0.509	0.518	0.502	0.499	3.38
39)	T	cis-1,3-Dichloropro	0.496	0.518	0.594	0.615	0.598	0.564	9.43
40)	T	4-Methyl-2-pentanon	0.264	0.227	0.253	0.252	0.258	0.251	5.76
41)	S	Toluene-d8	1.379	1.342	1.403	1.456	1.369	1.390	3.08
42)	T	Toluene	1.585	1.576	1.702	1.710	1.694	1.653	4.05
43)	S	trans-1,3-Dichlorop	0.187	0.176	0.203	0.215	0.205	0.197	7.90
44)	T	trans-1,3-Dichlorop	0.439	0.469	0.549	0.562	0.553	0.514	10.95
45)	T	1,1,2-Trichloroetha	0.309	0.280	0.296	0.304	0.293	0.297	3.68
46)	T	Tetrachloroethene	0.304	0.286	0.315	0.317	0.304	0.306	4.06
47)	S	2-Hexanone-d5	0.078	0.066	0.079	0.081	0.083	0.077	8.86
48)	T	2-Hexanone	0.193	0.146	0.179	0.175	0.185	0.176	10.05
49)	T	Dibromochloromethan	0.317	0.308	0.348	0.365	0.365	0.340	7.88
50)	T	1,2-Dibromoethane	0.292	0.270	0.299	0.304	0.301	0.293	4.70
51)	T	Chlorobenzene	1.016	1.036	1.062	1.075	1.057	1.049	2.21
52)	T	Ethylbenzene	1.781	1.808	1.971	1.959	1.923	1.888	4.66

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	m,p-Xylene	0.665	0.690	0.753	0.773	0.772	0.731	6.83
54)	T	o-Xylene	0.617	0.648	0.717	0.742	0.723	0.690	7.82
55)	T	Styrene	1.019	1.080	1.215	1.316	1.270	1.180	10.71
56)	S	1,1,2,2-Tetrachloro	0.406	0.375	0.408	0.416	0.400	0.401	3.88
57)	T	1,1,2,2-Tetrachloro	0.397	0.369	0.392	0.389	0.381	0.386	2.85
58)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
59)	T	Bromoform	0.351	0.304	0.392	0.396	0.428	0.374	12.84
60)		Isopropylbenzene	3.522	3.486	3.791	3.786	3.659	3.649	3.92
61)		1,2,3-Trichloroprop	0.614	0.521	0.571	0.522	0.518	0.549	7.72
62)		1,3,5-Trimethylbenz	2.755	2.724	3.069	3.018	2.948	2.903	5.35
63)		1,2,4-Trimethylbenz	2.732	2.786	3.183	3.068	3.001	2.954	6.44
64)	T	1,3-Dichlorobenzene	1.571	1.523	1.659	1.562	1.562	1.575	3.20
65)	T	1,4-Dichlorobenzene	1.596	1.537	1.604	1.577	1.509	1.565	2.61
66)	S	1,2-Dichlorobenzene	1.015	0.858	0.964	0.930	0.870	0.927	7.06
67)	T	1,2-Dichlorobenzene	1.406	1.390	1.472	1.428	1.373	1.414	2.71
68)	T	1,2-Dibromo-3-chlor	0.141	0.123	0.134	0.128	0.132	0.131	5.28
69)		1,3,5-Trichlorobenz	1.081	1.063	1.146	1.049	0.990	1.066	5.30
70)	T	1,2,4-trichlorobenz	0.994	0.906	0.968	0.876	0.869	0.923	6.05
71)		Naphthalene	2.107	1.956	2.234	2.150	2.185	2.126	4.99
72)	T	1,2,3-Trichlorobenz	0.877	0.798	0.808	0.789	0.784	0.811	4.68

(#) = Out of Range