Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
Method File : SFAMWLM091820SMA.M
Title : SFAM01.0
Last Update : Fri Sep 18 13:02:13 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VW016576.D 5 =VW016577.D 25 =VW016578.D
50 =VW016579.D 100 =VW016580.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.307	0.296	0.292	0.298	0.313	0.301	2.78
3)	T	Chloromethane	0.246	0.233	0.223	0.238	0.254	0.239	5.00
4)	S	Vinyl Chloride-d3	0.277	0.265	0.287	0.278	0.290	0.279	3.58
5)	T	Vinyl chloride	0.363	0.353	0.326	0.333	0.338	0.342	4.38
6)	T	Bromomethane	0.262	0.266	0.245	0.260	0.281	0.263	4.92
7)	S	Chloroethane-d5	0.231	0.224	0.225	0.226	0.240	0.229	2.78
8)	T	Chloroethane	0.206	0.204	0.197	0.201	0.209	0.204	2.31
9)	T	Trichlorofluorometh	0.307	0.295	0.315	0.347	0.360	0.325	8.44
10)	T	1,1,2-Trichloro-1,2	0.308	0.336	0.318	0.326	0.325	0.322	3.20
11)	S	1,1-Dichloroethene-	0.605	0.581	0.581	0.584	0.596	0.589	1.84
12)	T	1,1-Dichloroethene	0.334	0.321	0.309	0.324	0.325	0.322	2.79
13)	T	Acetone	0.046	0.055	0.035	0.037	0.041	0.043	18.54
14)	T	Carbon disulfide	0.975	0.964	0.928	0.960	0.960	0.958	1.82
15)	T	Methyl Acetate	0.107	0.118	0.085	0.101	0.111	0.105	12.04
16)	T	Methylene chloride	0.501	0.416	0.303	0.307	0.304	0.366	24.48
17)	T	trans-1,2-Dichloroe	0.340	0.342	0.317	0.336	0.338	0.335	3.03
18)	T	Methyl tert-butyl E	0.428	0.456	0.371	0.402	0.397	0.411	7.92
19)	T	1,1-Dichloroethane	0.538	0.539	0.507	0.534	0.532	0.530	2.52
20)	T	cis-1,2-Dichloroeth	0.354	0.358	0.328	0.350	0.349	0.348	3.32
21)	S	2-Butanone-d5	0.066	0.074	0.051	0.058	0.066	0.063	14.20
22)	T	2-Butanone	0.089	0.089	0.055	0.061	0.068	0.072	21.73
23)	T	Bromochloromethane	0.165	0.173	0.148	0.164	0.168	0.164	5.64
24)	S	Chloroform-d	0.599	0.583	0.575	0.589	0.600	0.589	1.76
25)	T	Chloroform	0.593	0.599	0.550	0.579	0.577	0.580	3.24
26)	S	1,2-Dichloroethane-	0.314	0.311	0.282	0.293	0.304	0.301	4.37
27)	T	1,2-Dichloroethane	0.365	0.390	0.326	0.355	0.363	0.360	6.33
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.593	0.577	0.538	0.550	0.533	0.558	4.65
30)	T	1,1,1-Trichloroetha	0.619	0.602	0.588	0.594	0.576	0.596	2.71
31)	T	Carbon tetrachlorid	0.588	0.581	0.574	0.589	0.569	0.580	1.47
32)	S	Benzene-d6	1.337	1.284	1.266	1.244	1.254	1.277	2.88
33)	T	Benzene	1.488	1.429	1.344	1.357	1.306	1.385	5.27
34)	T	Trichloroethene	0.410	0.400	0.389	0.397	0.389	0.397	2.20
35)	T	Methylcyclohexane	0.681	0.670	0.651	0.670	0.646	0.664	2.19
36)	S	1,2-Dichloropropane	0.366	0.358	0.342	0.344	0.346	0.351	2.99
37)	T	1,2-Dichloropropane	0.332	0.328	0.303	0.314	0.302	0.316	4.37
38)	T	Bromodichloromethan	0.471	0.478	0.448	0.474	0.470	0.468	2.48
39)	T	cis-1,3-Dichloropro	0.529	0.560	0.511	0.548	0.547	0.539	3.52
40)	T	4-Methyl-2-pentanon	0.178	0.214	0.147	0.169	0.176	0.177	13.66
41)	S	Toluene-d8	1.302	1.240	1.231	1.229	1.226	1.246	2.58
42)	T	Toluene	1.610	1.604	1.526	1.564	1.497	1.560	3.13
43)	S	trans-1,3-Dichlorop	0.165	0.170	0.163	0.173	0.181	0.170	4.10
44)	T	trans-1,3-Dichlorop	0.440	0.486	0.435	0.471	0.480	0.462	5.12
45)	T	1,1,2-Trichloroetha	0.259	0.280	0.233	0.255	0.255	0.256	6.45
46)	T	Tetrachloroethene	0.378	0.365	0.345	0.356	0.349	0.358	3.74
47)	S	2-Hexanone-d5	0.052	0.061	0.048	0.055	0.060	0.055	10.15
48)	T	2-Hexanone	0.096	0.129	0.094	0.112	0.119	0.110	13.60
49)	T	Dibromochloromethan	0.319	0.357	0.315	0.342	0.350	0.337	5.59
50)	T	1,2-Dibromoethane	0.249	0.276	0.233	0.251	0.261	0.254	6.25
51)	T	Chlorobenzene	1.085	1.064	0.990	1.032	1.001	1.035	3.92
52)	T	Ethylbenzene	1.815	1.787	1.726	1.767	1.688	1.757	2.86

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	m,p-Xylene	0.692	0.699	0.664	0.699	0.668	0.684	2.51
54)	T	o-Xylene	0.658	0.646	0.640	0.653	0.642	0.648	1.18
55)	T	Styrene	1.064	1.071	1.046	1.118	1.094	1.079	2.59
56)	S	1,1,2,2-Tetrachloro	0.271	0.302	0.247	0.265	0.281	0.273	7.44
57)	T	1,1,2,2-Tetrachloro	0.267	0.315	0.242	0.274	0.282	0.276	9.59
58)	I	1,4-Dichlorobenzene-d	ISTD						
59)	T	Bromoform	0.361	0.430	0.359	0.410	0.457	0.404	10.64
60)		Isopropylbenzene	3.767	3.567	3.601	3.661	3.654	3.650	2.08
61)		1,2,3-Trichloroprop	0.409	0.467	0.359	0.400	0.425	0.412	9.50
62)		1,3,5-Trimethylbenz	2.997	2.947	3.005	3.038	3.032	3.004	1.20
63)		1,2,4-Trimethylbenz	3.023	2.939	2.967	2.995	3.003	2.985	1.10
64)	T	1,3-Dichlorobenzene	1.741	1.723	1.632	1.651	1.629	1.675	3.17
65)	T	1,4-Dichlorobenzene	1.693	1.674	1.563	1.659	1.626	1.643	3.11
66)	S	1,2-Dichlorobenzene	0.934	0.900	0.885	0.878	0.930	0.905	2.83
67)	T	1,2-Dichlorobenzene	1.527	1.514	1.420	1.484	1.464	1.482	2.86
68)	T	1,2-Dibromo-3-chlor	0.095	0.111	0.082	0.093	0.103	0.097	11.30
69)		1,3,5-Trichlorobenz	1.275	1.226	1.203	1.244	1.234	1.236	2.11
70)	T	1,2,4-trichlorobenz	0.957	0.964	0.972	1.026	1.073	0.999	5.00
71)		Naphthalene	1.466	1.726	1.558	1.722	1.908	1.676	10.18
72)	T	1,2,3-Trichlorobenz	0.782	0.845	0.842	0.820	0.903	0.838	5.26

(#) = Out of Range