Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : SFAMDLM061523SMA.M
Title : SFAM01.0
Last Update : Fri Jun 16 01:50:34 2023
Response Via : Initial Calibration

Calibration Files
2.5 =VD076431.D 5 =VD076432.D 25 =VD076438.D 50 =VD076434.D 100 =VD076435.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.393	0.390	0.383	0.382	0.399	0.390	1.84
3)	T	Chloromethane	0.661	0.684	0.643	0.617	0.632	0.648	4.01
4)	S	Vinyl Chloride-d3	0.574	0.664	0.594	0.570	0.641	0.609	6.87
5)	T	Vinyl chloride	0.664	0.711	0.709	0.685	0.723	0.699	3.37
6)	T	Bromomethane	0.350	0.364	0.397	0.402	0.421	0.387	7.51
7)	S	Chloroethane-d5	0.507	0.542	0.469	0.457	0.487	0.492	6.85
8)	T	Chloroethane	0.431	0.425	0.435	0.418	0.430	0.428	1.51
9)	T	Trichlorofluorom...	0.499	0.509	0.497	0.500	0.521	0.505	1.94
10)	T	1,1,2-Trichloro-...	0.338	0.324	0.321	0.317	0.338	0.328	3.02
11)	S	1,1-Dichloroethe...	0.154	0.169	0.153	0.149	0.170	0.159	6.08
12)	T	1,1-Dichloroethene	0.319	0.324	0.328	0.316	0.335	0.324	2.30
13)	T	Acetone	0.101	0.076	0.066	0.066	0.064	0.074	21.00
14)	T	Carbon disulfide	1.136	1.192	1.182	1.164	1.207	1.176	2.32
15)	T	Methyl Acetate	0.162	0.173	0.177	0.166	0.172	0.170	3.61
16)	T	Methylene chloride	0.572	0.473	0.394	0.367	0.366	0.435	20.36
17)	T	trans-1,2-Dichlo...	0.373	0.348	0.356	0.362	0.370	0.362	2.84
18)	T	Methyl tert-buty...	0.838	0.787	0.826	0.818	0.849	0.824	2.85
19)	T	1,1-Dichloroethane	0.682	0.647	0.659	0.648	0.671	0.661	2.29
20)	T	cis-1,2-Dichloro...	0.401	0.399	0.407	0.404	0.409	0.404	1.06
21)	S	2-Butanone-d5	0.088	0.092	0.091	0.092	0.098	0.092	3.82
22)	T	2-Butanone	0.143	0.123	0.113	0.111	0.111	0.120	11.40
23)	T	Bromochloromethane	0.157	0.173	0.174	0.172	0.180	0.171	5.13
24)	S	Chloroform-d	0.665	0.665	0.651	0.635	0.678	0.659	2.49
25)	T	Chloroform	0.659	0.642	0.642	0.629	0.655	0.645	1.86
26)	S	1,2-Dichloroetha...	0.314	0.324	0.324	0.318	0.343	0.325	3.44
27)	T	1,2-Dichloroethane	0.394	0.398	0.399	0.392	0.402	0.397	0.99
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.671	0.664	0.664	0.652	0.674	0.665	1.27
30)	T	1,1,1-Trichloroe...	0.551	0.588	0.589	0.576	0.599	0.581	3.19
31)	T	Carbon tetrachlo...	0.428	0.443	0.468	0.481	0.501	0.464	6.29
32)	S	Benzene-d6	1.469	1.550	1.535	1.496	1.597	1.529	3.23
33)	T	Benzene	1.587	1.625	1.700	1.659	1.701	1.655	2.96
34)	T	Trichloroethene	0.421	0.422	0.427	0.423	0.432	0.425	1.06
35)	T	Methylcyclohexane	0.658	0.670	0.695	0.685	0.719	0.685	3.43
36)	S	1,2-Dichloroprop...	0.494	0.493	0.489	0.464	0.502	0.488	2.89
37)	T	1,2-Dichloropropane	0.465	0.445	0.441	0.446	0.458	0.451	2.19
38)	T	Bromodichloromet...	0.475	0.501	0.538	0.523	0.535	0.515	5.13
39)	T	cis-1,3-Dichloro...	0.671	0.657	0.698	0.697	0.721	0.689	3.65
40)	T	4-Methyl-2-penta...	0.290	0.273	0.279	0.277	0.283	0.281	2.34
41)	S	Toluene-d8	1.371	1.409	1.403	1.391	1.506	1.416	3.69
42)	T	Toluene	1.680	1.726	1.798	1.784	1.853	1.768	3.77
43)	S	trans-1,3-Dichlo...	0.184	0.208	0.205	0.203	0.216	0.203	5.79
44)	T	trans-1,3-Dichlo...	0.540	0.518	0.574	0.574	0.593	0.560	5.37
45)	T	1,1,2-Trichloroe...	0.302	0.311	0.314	0.305	0.315	0.309	1.82
46)	T	Tetrachloroethene	0.348	0.327	0.324	0.333	0.338	0.334	2.88
47)	S	2-Hexanone-d5	0.078	0.072	0.075	0.075	0.080	0.076	4.14
48)	T	2-Hexanone	0.183	0.190	0.192	0.196	0.201	0.192	3.57
49)	T	Dibromochloromet...	0.355	0.321	0.356	0.359	0.367	0.352	5.02
50)	T	1,2-Dibromoethane	0.305	0.289	0.305	0.300	0.303	0.300	2.27
51)	T	Chlorobenzene	1.050	1.076	1.124	1.117	1.152	1.104	3.69
52)	T	Ethylbenzene	1.824	1.828	1.931	1.932	2.015	1.906	4.22
53)	T	m,p-Xylene	0.785	0.701	0.748	0.740	0.770	0.749	4.30
54)	T	o-Xylene	0.673	0.688	0.719	0.721	0.765	0.713	4.99
55)	T	Styrene	1.167	1.161	1.251	1.255	1.326	1.232	5.60
56)	S	1,1,2,2-Tetrachl...	0.338	0.342	0.347	0.346	0.362	0.347	2.64

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57)	T	1,1,2,2-Tetrachl...	0.354	0.337	0.356	0.356	0.364	0.354	2.80
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.442	0.435	0.451	0.444	0.465	0.448	2.48
60)	T	Isopropylbenzene	3.663	3.773	3.848	3.759	4.076	3.824	4.07
61)	T	1,2,3-Trichlorop...	0.488	0.482	0.491	0.472	0.493	0.485	1.78
62)	T	1,3,5-Trimethylb...	2.915	3.011	3.105	3.011	3.254	3.059	4.19
63)	T	1,2,4-Trimethylb...	2.933	2.950	3.020	2.992	3.201	3.019	3.55
64)	T	1,3-Dichlorobenzene	1.714	1.649	1.725	1.644	1.773	1.701	3.20
65)	T	1,4-Dichlorobenzene	1.744	1.695	1.706	1.658	1.770	1.715	2.55
66)	S	1,2-Dichlorobenz...	0.923	0.911	0.893	0.872	0.984	0.916	4.62
67)	T	1,2-Dichlorobenzene	1.501	1.491	1.512	1.481	1.593	1.516	2.95
68)	T	1,2-Dibromo-3-ch...	0.116	0.110	0.110	0.101	0.104	0.108	5.48
69)	MA	1,3,5-Trichlorob...	1.020	1.150	1.134	1.151	1.218	1.135	6.33
70)	T	1,2,4-trichlorob...	1.008	1.006	0.996	0.980	1.059	1.010	2.93
71)	MA	Naphthalene	1.968	1.838	1.920	1.903	2.035	1.933	3.82
72)	T	1,2,3-Trichlorob...	0.919	0.851	0.868	0.845	0.901	0.877	3.68

(#) = Out of Range