Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : SFAMDLM061325SMA.M
Title : SFAM01.0
Last Update : Mon Jun 16 11:17:50 2025
Response Via : Initial Calibration

Calibration Files
2.5 =VD080433.D 5 =VD080434.D 25 =VD080435.D 50 =VD080436.D 100 =VD080437.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.490	0.467	0.372	0.343	0.345	0.403	17.40
3)	T	Chloromethane	0.497	0.478	0.378	0.325	0.314	0.398	21.41
4)	S	Vinyl Chloride-d3	0.537	0.492	0.383	0.369	0.365	0.429	18.53
5)	T	Vinyl chloride	0.533	0.514	0.467	0.425	0.421	0.472	10.73
6)	T	Bromomethane	0.272	0.242	0.237	0.238	0.264	0.251	6.54
7)	S	Chloroethane-d5	0.439	0.410	0.324	0.317	0.315	0.361	16.33
8)	T	Chloroethane	0.352	0.387	0.301	0.274	0.273	0.317	15.92
9)	T	Trichlorofluorom...	0.708	0.692	0.610	0.558	0.564	0.626	11.25
10)	T	1,1,2-Trichloro-...	0.455	0.415	0.386	0.350	0.357	0.393	11.04
11)	S	1,1-Dichloroethe...	0.175	0.162	0.129	0.134	0.138	0.148	13.50
12)	T	1,1-Dichloroethene	0.367	0.349	0.327	0.317	0.336	0.339	5.77
13)	T	Acetone	0.088	0.070	0.066	0.060	0.058	0.068	17.82
14)	T	Carbon disulfide	1.285	1.232	1.123	1.045	1.060	1.149	9.22
15)	T	Methyl Acetate	0.187	0.183	0.156	0.147	0.150	0.165	11.60
16)	T	Methylene chloride	0.941	0.671	0.443	0.381	0.379	0.563	43.14
17)	T	trans-1,2-Dichlo...	0.407	0.382	0.374	0.364	0.376	0.381	4.24
18)	T	Methyl tert-buty...	0.680	0.722	0.757	0.753	0.812	0.745	6.52
19)	T	1,1-Dichloroethane	0.709	0.691	0.657	0.622	0.631	0.662	5.69
20)	T	cis-1,2-Dichloro...	0.398	0.394	0.412	0.406	0.423	0.407	2.80
21)	S	2-Butanone-d5	0.076	0.081	0.069	0.073	0.077	0.075	5.66
22)	T	2-Butanone	0.095	0.084	0.094	0.094	0.099	0.093	6.04
23)	T	Bromochloromethane	0.222	0.212	0.210	0.194	0.200	0.208	5.26
24)	S	Chloroform-d	0.846	0.780	0.662	0.653	0.667	0.722	12.03
25)	T	Chloroform	0.778	0.788	0.740	0.688	0.687	0.736	6.52
26)	S	1,2-Dichloroetha...	0.434	0.372	0.332	0.323	0.324	0.357	13.35
27)	T	1,2-Dichloroethane	0.449	0.440	0.429	0.394	0.396	0.422	5.97
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.505	0.490	0.586	0.584	0.611	0.556	9.73
30)	T	1,1,1-Trichloroe...	0.684	0.658	0.625	0.591	0.583	0.628	6.85
31)	T	Carbon tetrachlo...	0.656	0.623	0.579	0.537	0.534	0.586	9.16
32)	S	Benzene-d6	1.498	1.447	1.333	1.350	1.367	1.399	5.04
33)	T	Benzene	1.562	1.511	1.573	1.512	1.528	1.537	1.85
34)	T	Trichloroethene	0.466	0.437	0.422	0.411	0.414	0.430	5.28
35)	T	Methylcyclohexane	0.598	0.601	0.659	0.643	0.669	0.634	5.17
36)	S	1,2-Dichloroprop...	0.515	0.473	0.412	0.420	0.422	0.449	9.86
37)	T	1,2-Dichloropropane	0.447	0.437	0.420	0.400	0.401	0.421	4.99
38)	T	Bromodichloromet...	0.571	0.584	0.557	0.524	0.518	0.551	5.28
39)	T	cis-1,3-Dichloro...	0.583	0.605	0.634	0.654	0.665	0.628	5.42
40)	T	4-Methyl-2-penta...	0.186	0.201	0.224	0.224	0.231	0.213	8.90
41)	S	Toluene-d8	1.353	1.293	1.287	1.311	1.330	1.315	2.08
42)	T	Toluene	1.553	1.648	1.772	1.715	1.741	1.686	5.18
43)	S	trans-1,3-Dichlo...	0.192	0.186	0.184	0.188	0.192	0.188	1.73
44)	T	trans-1,3-Dichlo...	0.497	0.544	0.561	0.551	0.559	0.542	4.81
45)	T	1,1,2-Trichloroe...	0.362	0.370	0.342	0.324	0.323	0.344	6.19
46)	T	Tetrachloroethene	0.390	0.378	0.382	0.359	0.366	0.375	3.34
47)	S	2-Hexanone-d5	0.062	0.067	0.063	0.070	0.078	0.068	9.20
48)	T	2-Hexanone	0.140	0.147	0.168	0.163	0.164	0.156	7.66
49)	T	Dibromochloromet...	0.410	0.433	0.415	0.390	0.397	0.409	4.08
50)	T	1,2-Dibromoethane	0.311	0.343	0.325	0.317	0.324	0.324	3.73
51)	T	Chlorobenzene	1.160	1.210	1.167	1.104	1.121	1.152	3.61
52)	T	Ethylbenzene	1.676	1.703	1.915	1.865	1.914	1.815	6.42
53)	T	m,p-Xylene	0.623	0.648	0.757	0.738	0.741	0.702	8.73
54)	T	o-Xylene	0.578	0.621	0.713	0.711	0.742	0.673	10.41
55)	T	Styrene	1.019	1.091	1.321	1.271	1.299	1.200	11.34
56)	S	1,1,2,2-Tetrachl...	0.436	0.440	0.370	0.368	0.371	0.397	9.41

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57)	T	1,1,2,2-Tetrachl...	0.410	0.418	0.402	0.380	0.381	0.398	4.29
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.547	0.568	0.518	0.487	0.485	0.521	6.99
60)	T	Isopropylbenzene	3.168	3.098	3.482	3.387	3.494	3.326	5.48
61)	T	1,2,3-Trichlorop...	0.594	0.545	0.510	0.464	0.461	0.515	10.96
62)	T	1,3,5-Trimethylb...	2.403	2.323	2.727	2.728	2.838	2.604	8.68
63)	T	1,2,4-Trimethylb...	2.274	2.315	2.773	2.731	2.822	2.583	10.29
64)	T	1,3-Dichlorobenzene	1.796	1.755	1.750	1.665	1.673	1.728	3.27
65)	T	1,4-Dichlorobenzene	1.930	1.828	1.827	1.706	1.688	1.795	5.55
66)	S	1,2-Dichlorobenz...	1.091	0.978	0.836	0.869	0.886	0.932	11.08
67)	T	1,2-Dichlorobenzene	1.702	1.632	1.610	1.533	1.541	1.604	4.36
68)	T	1,2-Dibromo-3-ch...	0.134	0.126	0.112	0.106	0.107	0.117	10.72
69)	MA	1,3,5-Trichlorob...	1.285	1.149	1.178	1.166	1.176	1.191	4.50
70)	T	1,2,4-trichlorob...	1.051	0.955	0.988	0.977	1.033	1.001	4.01
71)	MA	Naphthalene	1.691	1.624	1.789	1.852	1.976	1.786	7.69
72)	T	1,2,3-Trichlorob...	0.961	0.878	0.940	0.907	0.942	0.925	3.58

(#) = Out of Range