Response Factor Report MSVOA_X

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
Method File : SFAMXLM010721WMA.M
Title : VOC Analysis
Last Update : Wed Jan 06 17:45:17 2021
Response Via : Initial Calibration

Calibration Files
5 =VX020523.D 10 =VX020522.D 50 =VX020517.D
100 =VX020518.D 200 =VX020519.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.549	0.424	0.489	0.490	0.482	0.487	9.08
3)	T	Chloromethane	0.490	0.390	0.432	0.438	0.441	0.438	8.15
4)	S	Vinyl Chloride-d3	0.341	0.356	0.441	0.438	0.433	0.402	12.26
5)	T	Vinyl chloride	0.504	0.414	0.469	0.469	0.472	0.465	7.00
6)	T	Bromomethane	0.330	0.260	0.247	0.175	0.165	0.235	28.71
7)	S	Chloroethane-d5	0.269	0.292	0.353	0.342	0.314	0.314	11.10
8)	T	Chloroethane	0.312	0.254	0.275	0.278	0.275	0.279	7.38
9)	T	Trichlorofluorometh	0.655	0.519	0.587	0.587	0.582	0.586	8.20
10)	T	1,1,2-Trichloro-1,2	0.397	0.322	0.373	0.362	0.368	0.364	7.42
11)	S	1,1-Dichloroethene-	0.687	0.648	0.822	0.807	0.787	0.750	10.35
12)	T	1,1-Dichloroethene	0.380	0.308	0.363	0.360	0.369	0.356	7.86
13)	T	Acetone	0.241	0.189	0.201	0.190	0.187	0.202	11.31
14)	T	Carbon disulfide	1.254	1.012	1.128	1.157	1.166	1.143	7.63
15)	T	Methyl Acetate	0.446	0.356	0.398	0.403	0.405	0.402	7.91
16)	T	Methylene chloride	0.491	0.386	0.417	0.419	0.416	0.426	9.08
17)	T	trans-1,2-Dichloroe	0.427	0.333	0.379	0.386	0.392	0.383	8.82
18)	T	Methyl tert-butyl E	1.190	0.980	1.166	1.219	1.239	1.159	8.95
19)	T	1,1-Dichloroethane	0.764	0.614	0.689	0.701	0.700	0.694	7.68
20)	T	cis-1,2-Dichloroeth	0.442	0.364	0.421	0.432	0.437	0.419	7.58
21)	S	2-Butanone-d5	0.210	0.223	0.260	0.265	0.273	0.246	11.28
22)	T	2-Butanone	0.327	0.262	0.300	0.303	0.299	0.298	7.90
23)	T	Bromochloromethane	0.245	0.191	0.215	0.217	0.216	0.217	8.90
24)	S	Chloroform-d	0.563	0.598	0.764	0.764	0.766	0.691	14.69
25)	T	Chloroform	0.846	0.697	0.761	0.749	0.734	0.757	7.26
26)	S	1,2-Dichloroethane-	0.410	0.418	0.500	0.485	0.475	0.458	8.94
27)	T	1,2-Dichloroethane	0.619	0.501	0.553	0.563	0.555	0.558	7.55
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.619	0.510	0.620	0.660	0.673	0.616	10.37
30)	T	1,1,1-Trichloroetha	0.683	0.571	0.631	0.655	0.656	0.639	6.64
31)	T	Carbon tetrachlorid	0.568	0.473	0.537	0.560	0.562	0.540	7.27
32)	S	Benzene-d6	1.266	1.366	1.665	1.631	1.591	1.504	11.77
33)	T	Benzene	1.780	1.475	1.653	1.683	1.671	1.653	6.70
34)	T	Trichloroethene	0.460	0.377	0.412	0.425	0.431	0.421	7.14
35)	T	Methylcyclohexane	0.640	0.512	0.645	0.679	0.687	0.633	11.12
36)	S	1,2-Dichloropropane	0.388	0.431	0.512	0.499	0.496	0.465	11.50
37)	T	1,2-Dichloropropane	0.459	0.377	0.418	0.419	0.424	0.419	6.97
38)	T	Bromodichloromethan	0.563	0.468	0.538	0.557	0.566	0.538	7.61
39)	T	cis-1,3-Dichloropro	0.607	0.517	0.648	0.686	0.694	0.630	11.49
40)	T	4-Methyl-2-pentanon	0.536	0.443	0.577	0.599	0.600	0.551	11.93
41)	S	Toluene-d8	1.095	1.198	1.552	1.515	1.456	1.363	14.97
42)	T	Toluene	1.769	1.471	1.797	1.830	1.789	1.731	8.51
43)	S	trans-1,3-Dichlorop	0.167	0.186	0.254	0.262	0.263	0.226	20.43
44)	T	trans-1,3-Dichlorop	0.582	0.498	0.638	0.675	0.685	0.615	12.53
45)	T	1,1,2-Trichloroetha	0.453	0.373	0.400	0.425	0.424	0.415	7.24
46)	T	Tetrachloroethene	0.349	0.289	0.316	0.337	0.340	0.326	7.45
47)	S	2-Hexanone-d5	0.141	0.159	0.228	0.243	0.257	0.205	25.50
48)	T	2-Hexanone	0.411	0.361	0.438	0.473	0.493	0.435	12.00
49)	T	Dibromochloromethan	0.423	0.359	0.418	0.460	0.468	0.425	10.13
50)	T	1,2-Dibromoethane	0.446	0.379	0.419	0.448	0.457	0.430	7.41
51)	T	Chlorobenzene	1.167	0.971	1.094	1.138	1.111	1.096	6.88
52)	T	Ethylbenzene	1.841	1.501	1.937	2.014	1.963	1.851	11.10

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.667	0.563	0.725	0.737	0.766	0.692	11.62
54)	T	o-Xylene	0.636	0.556	0.689	0.724	0.751	0.671	11.50
55)	T	Styrene	1.028	0.888	1.198	1.251	1.317	1.136	15.44
56)	S	1,1,2,2-Tetrachloro	0.547	0.567	0.697	0.698	0.721	0.646	12.76
57)	T	1,1,2,2-Tetrachloro	0.719	0.550	0.648	0.675	0.700	0.658	10.02
58)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
59)	T	Bromoform	0.649	0.544	0.616	0.647	0.666	0.625	7.77
60)		Isopropylbenzene	3.660	3.063	3.617	3.733	3.555	3.525	7.56
61)		1,2,3-Trichloroprop	1.304	0.972	1.063	1.074	1.041	1.091	11.50
62)		1,3,5-Trimethylbenz	2.688	2.293	3.051	3.224	3.119	2.875	13.31
63)		1,2,4-Trimethylbenz	2.691	2.354	3.039	3.267	3.160	2.902	12.93
64)	T	1,3-Dichlorobenzene	1.758	1.462	1.620	1.729	1.656	1.645	7.07
65)	T	1,4-Dichlorobenzene	1.819	1.511	1.641	1.680	1.657	1.662	6.61
66)	S	1,2-Dichlorobenzene	0.847	0.906	1.092	1.078	0.979	0.980	10.86
67)	T	1,2-Dichlorobenzene	1.802	1.485	1.656	1.730	1.526	1.640	8.16
68)	T	1,2-Dibromo-3-chlor	0.297	0.238	0.284	0.293	0.267	0.276	8.79
69)		1,3,5-Trichlorobenz	1.215	0.922	1.161	1.202	1.146	1.129	10.56
70)	T	1,2,4-trichlorobenz	0.985	0.766	0.989	1.054	1.068	0.972	12.48
71)		Naphthalene	2.831	2.432	3.542	3.736	3.517	3.212	17.27
72)	T	1,2,3-Trichlorobenz	0.989	0.821	1.043	1.086	1.062	1.000	10.63

(#) = Out of Range