Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SFAMVLM093019SMA.M
Title : VOC Analysis
Last Update : Mon Sep 30 15:00:00 2019
Response Via : Initial Calibration

Calibration Files
2.5 =VV013011.D 5 =VV013012.D 25 =VV013013.D
50 =VV013014.D 100 =VV013015.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.227	0.212	0.316	0.301	0.283	0.268	17.09
3)	T	Chloromethane	0.346	0.309	0.361	0.355	0.334	0.341	6.12
4)	S	Vinyl Chloride-d3	0.423	0.405	0.350	0.309	0.302	0.358	15.41
5)	T	Vinyl chloride	0.353	0.336	0.371	0.361	0.336	0.351	4.47
6)	T	Bromomethane	0.245	0.218	0.228	0.226	0.212	0.226	5.57
7)	S	Chloroethane-d5	0.356	0.337	0.283	0.265	0.258	0.300	14.68
8)	T	Chloroethane	0.245	0.218	0.216	0.225	0.207	0.222	6.36
9)	T	Trichlorofluorometh	0.520	0.482	0.504	0.469	0.406	0.476	9.21
10)	T	1,1,2-Trichloro-1,2	0.327	0.311	0.314	0.296	0.277	0.305	6.27
11)	S	1,1-Dichloroethene-	0.717	0.683	0.608	0.547	0.525	0.616	13.55
12)	T	1,1-Dichloroethene	0.322	0.284	0.290	0.277	0.260	0.287	7.89
13)	T	Acetone	0.185	0.118	0.122	0.120	0.120	0.133	21.84
14)	T	Carbon disulfide	0.904	0.863	0.909	0.883	0.838	0.879	3.34
15)	T	Methyl Acetate	0.198	0.189	0.204	0.215	0.222	0.205	6.41
16)	T	Methylene chloride	0.541	0.439	0.370	0.356	0.342	0.409	20.11
17)	T	trans-1,2-Dichloroe	0.361	0.342	0.340	0.329	0.316	0.338	4.97
18)	T	Methyl tert-butyl E	0.845	0.808	0.862	0.873	0.859	0.850	2.96
19)	T	1,1-Dichloroethane	0.659	0.627	0.623	0.612	0.579	0.620	4.66
20)	T	cis-1,2-Dichloroeth	0.385	0.366	0.382	0.378	0.367	0.376	2.27
21)	S	2-Butanone-d5	0.121	0.119	0.125	0.125	0.141	0.126	6.90
22)	T	2-Butanone	0.157	0.110	0.144	0.154	0.164	0.146	14.46
23)	T	Bromochloromethane	0.195	0.185	0.183	0.183	0.175	0.184	3.94
24)	S	Chloroform-d	0.753	0.740	0.665	0.607	0.602	0.673	10.59
25)	T	Chloroform	0.708	0.658	0.650	0.622	0.593	0.646	6.64
26)	S	1,2-Dichloroethane-	0.428	0.418	0.378	0.345	0.347	0.383	10.09
27)	T	1,2-Dichloroethane	0.459	0.445	0.448	0.442	0.426	0.444	2.72
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.555	0.512	0.572	0.568	0.545	0.550	4.39
30)	T	1,1,1-Trichloroetha	0.553	0.510	0.518	0.493	0.479	0.511	5.47
31)	T	Carbon tetrachlorid	0.511	0.447	0.467	0.443	0.430	0.460	6.90
32)	S	Benzene-d6	1.539	1.529	1.369	1.229	1.230	1.379	11.05
33)	T	Benzene	1.505	1.445	1.451	1.405	1.342	1.429	4.24
34)	T	Trichloroethene	0.420	0.396	0.388	0.373	0.359	0.387	5.96
35)	T	Methylcyclohexane	0.625	0.582	0.633	0.611	0.588	0.608	3.61
36)	S	1,2-Dichloropropane	0.487	0.467	0.427	0.388	0.392	0.432	10.25
37)	T	1,2-Dichloropropane	0.386	0.355	0.371	0.367	0.354	0.367	3.56
38)	T	Bromodichloromethan	0.502	0.481	0.479	0.472	0.460	0.479	3.15
39)	T	cis-1,3-Dichloropro	0.516	0.516	0.574	0.576	0.578	0.552	5.94
40)	T	4-Methyl-2-pentanon	0.296	0.251	0.289	0.306	0.325	0.293	9.29
41)	S	Toluene-d8	1.338	1.348	1.286	1.163	1.161	1.259	7.28
42)	T	Toluene	1.549	1.502	1.577	1.526	1.447	1.520	3.25
43)	S	trans-1,3-Dichlorop	0.189	0.183	0.182	0.171	0.183	0.181	3.72
44)	T	trans-1,3-Dichlorop	0.420	0.411	0.471	0.479	0.486	0.453	7.80
45)	T	1,1,2-Trichloroetha	0.331	0.308	0.312	0.304	0.300	0.311	3.78
46)	T	Tetrachloroethene	0.347	0.327	0.325	0.309	0.295	0.320	6.12
47)	S	2-Hexanone-d5	0.083	0.079	0.092	0.093	0.110	0.091	13.07
48)	T	2-Hexanone	0.204	0.166	0.216	0.235	0.246	0.213	14.66
49)	T	Dibromochloromethan	0.355	0.332	0.362	0.363	0.362	0.355	3.71
50)	T	1,2-Dibromoethane	0.321	0.291	0.307	0.307	0.309	0.307	3.46
51)	T	Chlorobenzene	1.092	1.033	1.041	1.015	0.975	1.031	4.12
52)	T	Ethylbenzene	1.665	1.597	1.742	1.713	1.633	1.670	3.50

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	m,p-Xylene	0.612	0.600	0.676	0.662	0.642	0.638	5.04
54)	T	o-Xylene	0.577	0.557	0.648	0.647	0.625	0.611	6.80
55)	T	Styrene	0.945	1.007	1.148	1.145	1.102	1.069	8.42
56)	S	1,1,2,2-Tetrachloro	0.442	0.409	0.399	0.374	0.397	0.404	6.06
57)	T	1,1,2,2-Tetrachloro	0.390	0.353	0.380	0.385	0.389	0.379	4.05
58)	I	1,4-Dichlorobenzene-d	ISTD						
59)	T	Bromoform	0.438	0.390	0.427	0.436	0.450	0.428	5.38
60)		Isopropylbenzene	2.914	2.900	3.175	3.124	2.951	3.013	4.23
61)		1,2,3-Trichloroprop	0.627	0.541	0.557	0.554	0.566	0.569	5.87
62)		1,3,5-Trimethylbenz	2.131	2.197	2.625	2.661	2.524	2.428	10.17
63)		1,2,4-Trimethylbenz	2.129	2.224	2.649	2.664	2.524	2.438	10.14
64)	T	1,3-Dichlorobenzene	1.626	1.597	1.603	1.586	1.495	1.581	3.19
65)	T	1,4-Dichlorobenzene	1.858	1.678	1.640	1.607	1.521	1.661	7.50
66)	S	1,2-Dichlorobenzene	1.082	1.049	0.942	0.872	0.875	0.964	10.12
67)	T	1,2-Dichlorobenzene	1.603	1.514	1.509	1.498	1.424	1.510	4.20
68)	T	1,2-Dibromo-3-chlor	0.135	0.107	0.117	0.124	0.135	0.123	9.82
69)		1,3,5-Trichlorobenz	1.316	1.281	1.279	1.273	1.217	1.273	2.79
70)	T	1,2,4-trichlorobenz	1.102	1.039	1.118	1.133	1.113	1.101	3.29
71)		Naphthalene	1.885	1.722	2.230	2.403	2.484	2.145	15.38
72)	T	1,2,3-Trichlorobenz	1.084	1.015	1.078	1.078	1.054	1.062	2.67

(#) = Out of Range