Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
Method File : SOM2WLM042919S.M
Title : VOC Analysis
Last Update : Thu May 02 03:31:19 2019
Response Via : Initial Calibration

Calibration Files
2.5 =VW010175.D 5 =VW010243.D 25 =VW010228.D
50 =VW010178.D 100 =VW010179.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.305	0.334	0.352	0.377	0.388	0.351	9.51
3)	T	Chloromethane	0.277	0.287	0.267	0.303	0.343	0.296	10.12
4)	S	Vinyl Chloride-d3	0.312	0.306	0.280	0.258	0.263	0.284	8.66
5)	T	Vinyl chloride	0.364	0.380	0.344	0.351	0.373	0.363	4.16
6)	T	Bromomethane	0.205	0.211	0.193	0.208	0.219	0.207	4.54
7)	S	Chloroethane-d5	0.241	0.237	0.237	0.226	0.222	0.233	3.51
8)	T	Chloroethane	0.218	0.228	0.203	0.211	0.220	0.216	4.41
9)	T	Trichlorofluorometh	0.187	0.193	0.185	0.200	0.221	0.197	7.38
10)	S	1,1-Dichloroethene-	0.677	0.672	0.625	0.593	0.586	0.631	6.74
11)	T	1,1,2-Trichloro-1,2	0.305	0.328	0.281	0.297	0.296	0.302	5.77
12)	T	1,1-Dichloroethene	0.294	0.321	0.290	0.302	0.309	0.304	4.07
13)	T	Acetone	0.095	0.089	0.072	0.075	0.082	0.083	11.50
14)	T	Carbon disulfide	0.856	0.884	0.846	0.884	0.903	0.875	2.63
15)	T	Methyl Acetate	0.163	0.191	0.164	0.179	0.201	0.179	9.24
16)	T	Methylene chloride	0.615	0.500	0.326	0.319	0.321	0.416	32.51
17)	T	Methyl tert-butyl E	0.365	0.406	0.373	0.407	0.422	0.395	6.19
18)	T	trans-1,2-Dichloroe	0.305	0.345	0.304	0.323	0.326	0.321	5.36
19)	T	1,1-Dichloroethane	0.580	0.636	0.565	0.593	0.603	0.595	4.48
20)	S	2-Butanone-d5	0.085	0.097	0.111	0.107	0.123	0.105	13.59
21)		2-Butanone	0.093	0.115	0.110	0.122	0.140	0.116	14.63
22)	T	cis-1,2-Dichloroeth	0.312	0.361	0.332	0.361	0.367	0.347	6.84
23)	T	Bromochloromethane	0.151	0.168	0.151	0.162	0.166	0.159	5.20
24)	S	Chloroform-d	0.668	0.686	0.663	0.619	0.603	0.648	5.38
25)	T	Chloroform	0.588	0.660	0.576	0.611	0.614	0.610	5.31
26)	S	1,2-Dichloroethane-	0.382	0.391	0.378	0.354	0.355	0.372	4.42
27)	T	1,2-Dichloroethane	0.401	0.466	0.410	0.430	0.452	0.432	6.32
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.432	1.405	1.380	1.280	1.234	1.346	6.31
30)	T	Cyclohexane	0.487	0.570	0.567	0.602	0.605	0.566	8.41
31)	T	1,1,1-Trichloroetha	0.510	0.567	0.502	0.520	0.512	0.522	4.97
32)	T	Carbon tetrachlorid	0.513	0.544	0.492	0.521	0.523	0.518	3.64
33)	S	1,2-Dichloropropane	0.448	0.437	0.427	0.401	0.391	0.421	5.75
34)	T	Benzene	1.371	1.488	1.346	1.412	1.397	1.403	3.84
35)	T	Trichloroethene	0.368	0.404	0.353	0.371	0.374	0.374	5.02
36)	T	Methylcyclohexane	0.575	0.633	0.613	0.647	0.643	0.623	4.72
37)	S	Toluene-d8	1.260	1.277	1.269	1.177	1.137	1.224	5.17
38)	S	trans-1,3-Dichlorop	0.189	0.196	0.199	0.189	0.195	0.194	2.37
39)	S	2-Hexanone-d5	0.063	0.074	0.099	0.097	0.109	0.088	21.83
40)	T	1,2-Dichloropropane	0.358	0.380	0.348	0.367	0.366	0.364	3.28
41)	T	Bromodichloromethan	0.450	0.500	0.454	0.487	0.502	0.479	5.25
42)	T	cis-1,3-Dichloropro	0.495	0.569	0.550	0.599	0.618	0.566	8.42
43)	T	4-Methyl-2-pentanon	0.189	0.251	0.253	0.277	0.313	0.257	17.71
44)	T	Toluene	1.407	1.588	1.474	1.528	1.511	1.501	4.48
45)	T	trans-1,3-Dichlorop	0.420	0.500	0.480	0.519	0.544	0.493	9.51
46)	T	1,1,2-Trichloroetha	0.250	0.288	0.259	0.277	0.287	0.272	6.28
47)	T	Tetrachloroethene	0.320	0.320	0.298	0.308	0.307	0.310	3.09
48)	S	1,1,2,2-Tetrachloro	0.354	0.367	0.370	0.345	0.360	0.359	2.82
49)	T	2-Hexanone	0.143	0.169	0.186	0.196	0.223	0.183	16.36
50)	T	Dibromochloromethan	0.306	0.342	0.321	0.352	0.368	0.338	7.26
51)	T	1,2-Dibromoethane	0.231	0.282	0.254	0.274	0.291	0.266	8.98
52)	T	Chlorobenzene	0.971	1.052	0.932	0.979	0.985	0.984	4.41

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.587	1.754	1.669	1.747	1.743	1.700	4.23
54)	T	m,p-Xylene	0.584	0.664	0.633	0.661	0.657	0.640	5.22
55)	T	o-xylene	0.541	0.627	0.594	0.629	0.633	0.605	6.47
56)	T	Styrene	0.918	1.076	1.046	1.097	1.100	1.047	7.19
57)	T	Isopropylbenzene	1.475	1.707	1.638	1.711	1.699	1.646	6.09
58)	T	1,1,2,2-Tetrachloro	0.308	0.358	0.319	0.342	0.367	0.339	7.38
59)		1,2,3-Trichloroprop	0.223	0.272	0.239	0.253	0.275	0.253	8.66
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	S	1,2-Dichlorobenzene	1.012	0.980	0.947	0.864	0.841	0.929	7.96
62)	T	Bromoform	0.353	0.417	0.377	0.407	0.454	0.402	9.57
63)	T	1,3-Dichlorobenzene	1.423	1.585	1.448	1.537	1.555	1.510	4.66
64)	T	1,4-Dichlorobenzene	1.611	1.716	1.506	1.556	1.549	1.587	5.10
65)	T	1,2-Dichlorobenzene	1.373	1.537	1.361	1.426	1.414	1.422	4.89
66)	T	1,2-Dibromo-3-chlor	0.107	0.118	0.111	0.120	0.136	0.118	9.54
67)		1,3,5-Trichlorobenz	1.131	1.229	1.132	1.173	1.144	1.162	3.55
68)	T	1,2,4-trichlorobenz	0.874	0.962	0.914	0.963	0.990	0.941	4.94
69)		Naphthalene	1.591	1.780	1.833	1.979	2.449	1.926	16.80
70)	T	1,2,3-Trichlorobenz	0.798	0.897	0.903	0.870	0.977	0.889	7.29

(#) = Out of Range