Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM110619WMA.M
Title : VOC Analysis
Last Update : Thu Nov 07 01:40:25 2019
Response Via : Initial Calibration

Calibration Files
5 =VV013491.D 10 =VV013492.D 50 =VV013493.D
100 =VV013494.D 200 =VV013495.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.414	0.397	0.432	0.431	0.407	0.416	3.69
3)	T	Chloromethane	0.357	0.372	0.417	0.422	0.409	0.395	7.36
4)	S	Vinyl Chloride-d3	0.312	0.282	0.295	0.290	0.284	0.293	3.99
5)	T	Vinyl chloride	0.361	0.338	0.387	0.389	0.372	0.369	5.69
6)	T	Bromomethane	0.158	0.157	0.187	0.200	0.184	0.177	10.84
7)	S	Chloroethane-d5	0.246	0.241	0.238	0.236	0.231	0.238	2.43
8)	T	Chloroethane	0.200	0.198	0.213	0.216	0.209	0.207	3.80
9)	T	Trichlorofluorometh	0.479	0.462	0.510	0.513	0.488	0.490	4.32
10)	T	1,1,2-Trichloro-1,2	0.276	0.260	0.283	0.289	0.272	0.276	4.01
11)	S	1,1-Dichloroethene-	0.509	0.501	0.520	0.522	0.508	0.512	1.69
12)	T	1,1-Dichloroethene	0.251	0.254	0.274	0.274	0.265	0.264	4.09
13)	T	Acetone	0.198	0.193	0.218	0.210	0.191	0.202	5.86
14)	T	Carbon disulfide	0.939	0.852	0.944	0.954	0.923	0.922	4.42
15)	T	Methyl Acetate	0.335	0.343	0.397	0.388	0.380	0.369	7.53
16)	T	Methylene chloride	0.341	0.345	0.373	0.367	0.357	0.357	3.87
17)	T	trans-1,2-Dichloroe	0.320	0.303	0.340	0.343	0.336	0.328	5.14
18)	T	Methyl tert-butyl E	0.891	0.901	1.066	1.080	1.066	1.001	9.57
19)	T	1,1-Dichloroethane	0.573	0.590	0.662	0.665	0.640	0.626	6.72
20)	T	cis-1,2-Dichloroeth	0.327	0.321	0.378	0.383	0.382	0.358	8.73
21)	S	2-Butanone-d5	0.167	0.199	0.236	0.239	0.242	0.216	15.07
22)	T	2-Butanone	0.211	0.226	0.303	0.306	0.291	0.268	16.99
23)	T	Bromochloromethane	0.173	0.179	0.199	0.201	0.195	0.189	6.54
24)	S	Chloroform-d	0.619	0.604	0.661	0.646	0.647	0.636	3.66
25)	T	Chloroform	0.634	0.619	0.668	0.664	0.633	0.644	3.31
26)	S	1,2-Dichloroethane-	0.414	0.417	0.418	0.417	0.408	0.415	0.99
27)	T	1,2-Dichloroethane	0.460	0.453	0.529	0.524	0.500	0.493	7.16
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.461	0.487	0.622	0.668	0.633	0.574	16.28
30)	T	1,1,1-Trichloroetha	0.517	0.523	0.577	0.598	0.568	0.556	6.33
31)	T	Carbon tetrachlorid	0.462	0.456	0.513	0.538	0.512	0.496	7.17
32)	S	Benzene-d6	1.275	1.308	1.372	1.377	1.335	1.334	3.23
33)	T	Benzene	1.288	1.304	1.519	1.542	1.446	1.420	8.35
34)	T	Trichloroethene	0.367	0.368	0.387	0.399	0.366	0.377	3.91
35)	T	Methylcyclohexane	0.509	0.487	0.617	0.664	0.630	0.582	13.46
36)	S	1,2-Dichloropropane	0.423	0.436	0.439	0.438	0.426	0.433	1.67
37)	T	1,2-Dichloropropane	0.342	0.346	0.391	0.406	0.384	0.374	7.55
38)	T	Bromodichloromethan	0.438	0.471	0.514	0.528	0.507	0.491	7.47
39)	T	cis-1,3-Dichloropro	0.478	0.482	0.588	0.653	0.637	0.568	14.71
40)	T	4-Methyl-2-pentanon	0.390	0.397	0.535	0.559	0.527	0.482	16.84
41)	S	Toluene-d8	1.124	1.167	1.291	1.308	1.246	1.227	6.48
42)	T	Toluene	1.306	1.318	1.604	1.638	1.532	1.479	10.67
43)	S	trans-1,3-Dichlorop	0.176	0.179	0.206	0.217	0.216	0.199	10.00
44)	T	trans-1,3-Dichlorop	0.384	0.417	0.535	0.572	0.562	0.494	17.70
45)	T	1,1,2-Trichloroetha	0.326	0.332	0.365	0.372	0.355	0.350	5.78
46)	T	Tetrachloroethene	0.309	0.292	0.331	0.345	0.333	0.322	6.58
47)	S	2-Hexanone-d5	0.116	0.122	0.171	0.185	0.190	0.157	22.49
48)	T	2-Hexanone	0.328	0.307	0.425	0.431	0.411	0.380	15.39
49)	T	Dibromochloromethan	0.363	0.358	0.420	0.443	0.427	0.402	9.71
50)	T	1,2-Dibromoethane	0.341	0.337	0.377	0.399	0.382	0.367	7.37
51)	T	Chlorobenzene	0.938	0.907	1.015	1.056	1.001	0.983	6.11
52)	T	Ethylbenzene	1.376	1.380	1.732	1.825	1.713	1.605	13.19

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.501	0.517	0.666	0.700	0.662	0.609	15.23
54)	T	o-xylene	0.468	0.482	0.647	0.676	0.649	0.584	17.24
55)	T	Styrene	0.787	0.841	1.122	1.179	1.122	1.010	17.97
56)	T	Isopropylbenzene	1.223	1.274	1.700	1.785	1.692	1.534	17.23
57)	S	1,1,2,2-Tetrachloro	0.505	0.522	0.563	0.567	0.561	0.544	5.19
58)	T	1,1,2,2-Tetrachloro	0.473	0.465	0.562	0.583	0.558	0.528	10.39
59)		1,2,3-Trichloroprop	0.397	0.416	0.468	0.472	0.447	0.440	7.35
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.538	0.540	0.608	0.623	0.622	0.586	7.38
62)	T	1,3-Dichlorobenzene	1.505	1.382	1.570	1.593	1.526	1.515	5.42
63)	T	1,4-Dichlorobenzene	1.637	1.462	1.581	1.620	1.549	1.570	4.43
64)	S	1,2-Dichlorobenzene	1.082	0.979	0.977	0.975	0.970	0.997	4.82
65)	T	1,2-Dichlorobenzene	1.546	1.376	1.560	1.593	1.513	1.518	5.55
66)	T	1,2-Dibromo-3-chlor	0.205	0.186	0.210	0.223	0.223	0.209	7.16
67)		1,3,5-Trichlorobenz	1.175	1.024	1.203	1.271	1.247	1.184	8.19
68)	T	1,2,4-trichlorobenz	1.061	0.822	1.026	1.128	1.149	1.037	12.58
69)		Naphthalene	2.811	1.945	2.806	3.146	3.148	2.771	17.74
70)	T	1,2,3-Trichlorobenz	1.192	0.923	1.091	1.161	1.141	1.102	9.64

(#) = Out of Range