Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SFAMVLM080619W.M
Title : VOC Analysis
Last Update : Tue Aug 06 18:14:46 2019
Response Via : Initial Calibration

Calibration Files
5 =VV012106.D 10 =VV012107.D 50 =VV012108.D
100 =VV012109.D 200 =VV012110.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.319	0.352	0.341	0.380	0.373	0.353	6.94
3)	T	Chloromethane	0.245	0.258	0.235	0.265	0.250	0.251	4.57
4)	S	Vinyl Chloride-d3	0.330	0.245	0.242	0.269	0.281	0.273	13.04
5)	T	Vinyl chloride	0.223	0.233	0.226	0.258	0.271	0.242	8.78
6)	T	Bromomethane	0.138	0.135	0.131	0.151	0.148	0.141	5.96
7)	S	Chloroethane-d5	0.265	0.181	0.162	0.180	0.182	0.194	20.99
8)	T	Chloroethane	0.126	0.130	0.116	0.133	0.129	0.127	5.02
9)	T	Trichlorofluorometh	0.346	0.385	0.380	0.429	0.429	0.394	9.03
10)	T	1,1,2-Trichloro-1,2	0.175	0.187	0.185	0.210	0.207	0.193	7.76
11)	S	1,1-Dichloroethene-	0.601	0.423	0.416	0.464	0.466	0.474	15.70
12)	T	1,1-Dichloroethene	0.174	0.174	0.170	0.195	0.195	0.182	6.83
13)	T	Acetone	0.169	0.130	0.128	0.122	0.131	0.136	13.87
14)	T	Carbon disulfide	0.561	0.598	0.574	0.667	0.669	0.614	8.37
15)	T	Methyl Acetate	0.230	0.223	0.222	0.251	0.262	0.238	7.46
16)	T	Methylene chloride	0.262	0.280	0.255	0.289	0.291	0.276	5.89
17)	T	trans-1,2-Dichloroe	0.232	0.248	0.242	0.279	0.281	0.257	8.71
18)	T	Methyl tert-butyl E	0.767	0.864	0.848	0.958	0.970	0.881	9.54
19)	T	1,1-Dichloroethane	0.431	0.462	0.435	0.505	0.505	0.468	7.72
20)	T	cis-1,2-Dichloroeth	0.275	0.293	0.291	0.323	0.329	0.302	7.59
21)	S	2-Butanone-d5	0.223	0.180	0.180	0.203	0.211	0.199	9.55
22)	T	2-Butanone	0.151	0.168	0.168	0.188	0.201	0.175	11.16
23)	T	Bromochloromethane	0.149	0.168	0.155	0.180	0.179	0.166	8.45
24)	S	Chloroform-d	0.842	0.638	0.601	0.675	0.672	0.686	13.50
25)	T	Chloroform	0.485	0.532	0.496	0.565	0.574	0.530	7.49
26)	S	1,2-Dichloroethane-	0.548	0.411	0.385	0.429	0.430	0.441	14.24
27)	T	1,2-Dichloroethane	0.380	0.386	0.393	0.449	0.452	0.412	8.68
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.360	0.418	0.407	0.453	0.452	0.418	9.17
30)	T	1,1,1-Trichloroetha	0.452	0.530	0.511	0.581	0.582	0.531	10.17
31)	T	Carbon tetrachlorid	0.440	0.477	0.470	0.534	0.543	0.493	8.94
32)	S	Benzene-d6	1.805	1.320	1.277	1.404	1.389	1.439	14.65
33)	T	Benzene	1.038	1.137	1.106	1.235	1.239	1.151	7.47
34)	T	Trichloroethene	0.289	0.311	0.306	0.346	0.348	0.320	8.06
35)	T	Methylcyclohexane	0.418	0.467	0.461	0.517	0.517	0.476	8.83
36)	S	1,2-Dichloropropane	0.541	0.370	0.365	0.403	0.404	0.417	17.20
37)	T	1,2-Dichloropropane	0.251	0.270	0.270	0.307	0.305	0.281	8.79
38)	T	Bromodichloromethan	0.392	0.434	0.425	0.476	0.480	0.442	8.38
39)	T	cis-1,3-Dichloropro	0.441	0.468	0.470	0.539	0.557	0.495	10.10
40)	T	4-Methyl-2-pentanon	0.305	0.360	0.347	0.388	0.407	0.361	10.93
41)	S	Toluene-d8	1.702	1.275	1.242	1.360	1.357	1.387	13.23
42)	T	Toluene	1.113	1.269	1.245	1.382	1.386	1.279	8.82
43)	S	trans-1,3-Dichlorop	0.275	0.212	0.211	0.241	0.246	0.237	11.14
44)	T	trans-1,3-Dichlorop	0.394	0.448	0.452	0.514	0.528	0.467	11.66
45)	T	1,1,2-Trichloroetha	0.265	0.307	0.287	0.325	0.330	0.303	8.92
46)	T	Tetrachloroethene	0.282	0.291	0.279	0.320	0.319	0.298	6.63
47)	S	2-Hexanone-d5	0.184	0.157	0.158	0.176	0.190	0.173	8.65
48)	T	2-Hexanone	0.216	0.268	0.266	0.294	0.318	0.272	13.91
49)	T	Dibromochloromethan	0.343	0.378	0.376	0.427	0.441	0.393	10.25
50)	T	1,2-Dibromoethane	0.298	0.330	0.318	0.360	0.368	0.335	8.76
51)	T	Chlorobenzene	0.755	0.860	0.826	0.932	0.938	0.862	8.91
52)	T	Ethylbenzene	1.242	1.390	1.387	1.579	1.577	1.435	9.99

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.473	0.533	0.538	0.611	0.613	0.554	10.69
54)	T	o-Xylene	0.474	0.536	0.538	0.598	0.601	0.549	9.52
55)	T	Styrene	0.760	0.881	0.912	1.033	1.041	0.925	12.58
56)	S	1,1,2,2-Tetrachloro	0.738	0.534	0.509	0.563	0.593	0.587	15.31
57)	T	1,1,2,2-Tetrachloro	0.387	0.458	0.448	0.504	0.530	0.465	11.89
58)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
59)	T	Bromoform	0.516	0.565	0.567	0.643	0.642	0.586	9.44
60)		Isopropylbenzene	2.364	2.799	2.690	2.968	2.864	2.737	8.46
61)		1,2,3-Trichloroprop	0.614	0.704	0.645	0.717	0.715	0.679	6.88
62)		1,3,5-Trimethylbenz	2.139	2.324	2.311	2.568	2.490	2.366	7.09
63)		1,2,4-Trimethylbenz	2.053	2.297	2.262	2.559	2.506	2.335	8.72
64)	T	1,3-Dichlorobenzene	1.276	1.352	1.323	1.486	1.468	1.381	6.64
65)	T	1,4-Dichlorobenzene	1.298	1.366	1.323	1.497	1.495	1.396	6.77
66)	S	1,2-Dichlorobenzene	1.513	1.110	1.026	1.121	1.109	1.176	16.33
67)	T	1,2-Dichlorobenzene	1.249	1.417	1.343	1.524	1.513	1.409	8.24
68)	T	1,2-Dibromo-3-chlor	0.200	0.229	0.208	0.228	0.253	0.224	9.16
69)		1,3,5-Trichlorobenz	0.930	1.088	1.084	1.235	1.260	1.120	11.91
70)	T	1,2,4-trichlorobenz	0.788	0.834	0.951	1.123	1.157	0.971	17.11
71)		Naphthalene	1.739	1.960	2.476	2.997	3.130	2.460	24.96
72)	T	1,2,3-Trichlorobenz	0.763	0.865	0.972	1.125	1.160	0.977	17.26

(#) = Out of Range