Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM083118WMA.M
Title : VOC Analysis
Last Update : Fri Aug 31 23:53:08 2018
Response Via : Initial Calibration

Calibration Files
5 =VV007295.D 10 =VV007290.D 50 =VV007291.D
100 =VV007292.D 200 =VV007293.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.400	0.428	0.395	0.371	0.370	0.393	6.11
3)	T	Chloromethane	0.447	0.471	0.431	0.403	0.404	0.431	6.73
4)	S	Vinyl Chloride-d3	0.316	0.310	0.305	0.293	0.287	0.302	3.97
5)	T	Vinyl chloride	0.398	0.430	0.411	0.394	0.393	0.405	3.85
6)	T	Bromomethane	0.208	0.210	0.195	0.184	0.182	0.196	6.68
7)	S	Chloroethane-d5	0.203	0.209	0.191	0.180	0.168	0.190	8.79
8)	T	Chloroethane	0.209	0.208	0.183	0.166	0.156	0.184	13.11
9)	T	Trichlorofluorometh	0.517	0.562	0.519	0.493	0.483	0.515	5.93
10)	T	1,1,2-Trichloro-1,2	0.343	0.341	0.321	0.304	0.302	0.322	5.99
11)	S	1,1-Dichloroethene-	0.595	0.574	0.563	0.538	0.535	0.561	4.49
12)	T	1,1-Dichloroethene	0.312	0.315	0.303	0.286	0.288	0.301	4.47
13)	T	Acetone	0.210	0.259	0.221	0.187	0.177	0.211	15.27
14)	T	Carbon disulfide	0.992	0.930	0.886	0.858	0.858	0.905	6.30
15)	T	Methyl Acetate	0.365	0.352	0.342	0.323	0.320	0.340	5.55
16)	T	Methylene chloride	0.382	0.378	0.351	0.332	0.319	0.353	7.79
17)	T	trans-1,2-Dichloroe	0.337	0.342	0.328	0.314	0.312	0.327	4.15
18)	T	Methyl tert-butyl E	1.007	1.046	1.009	0.978	0.964	1.001	3.20
19)	T	1,1-Dichloroethane	0.684	0.693	0.672	0.634	0.621	0.661	4.80
20)	T	cis-1,2-Dichloroeth	0.370	0.377	0.372	0.378	0.385	0.376	1.60
21)	S	2-Butanone-d5	0.251	0.237	0.243	0.240	0.251	0.244	2.68
22)	T	2-Butanone	0.271	0.298	0.309	0.295	0.295	0.293	4.64
23)	T	Bromochloromethane	0.207	0.199	0.196	0.188	0.186	0.195	4.30
24)	S	Chloroform-d	0.704	0.677	0.650	0.621	0.607	0.652	6.11
25)	T	Chloroform	0.657	0.682	0.660	0.631	0.622	0.650	3.69
26)	S	1,2-Dichloroethane-	0.420	0.409	0.391	0.373	0.365	0.392	5.97
27)	T	1,2-Dichloroethane	0.484	0.501	0.488	0.476	0.470	0.484	2.42
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.488	0.477	0.548	0.586	0.602	0.540	10.41
30)	T	1,1,1-Trichloroetha	0.585	0.596	0.569	0.552	0.544	0.569	3.79
31)	T	Carbon tetrachlorid	0.500	0.509	0.492	0.479	0.475	0.491	2.93
32)	S	Benzene-d6	1.415	1.288	1.365	1.332	1.319	1.344	3.61
33)	T	Benzene	1.463	1.511	1.566	1.526	1.507	1.514	2.47
34)	T	Trichloroethene	0.380	0.362	0.365	0.361	0.367	0.367	2.15
35)	T	Methylcyclohexane	0.507	0.499	0.604	0.637	0.653	0.580	12.48
36)	S	1,2-Dichloropropane	0.491	0.452	0.439	0.427	0.419	0.446	6.39
37)	T	1,2-Dichloropropane	0.419	0.417	0.415	0.401	0.392	0.409	2.90
38)	T	Bromodichloromethan	0.517	0.507	0.506	0.490	0.485	0.501	2.65
39)	T	cis-1,3-Dichloropro	0.525	0.515	0.580	0.604	0.628	0.570	8.62
40)	T	4-Methyl-2-pentanon	0.402	0.420	0.499	0.491	0.518	0.466	11.06
41)	S	Toluene-d8	1.167	1.107	1.270	1.244	1.221	1.202	5.41
42)	T	Toluene	1.352	1.405	1.598	1.573	1.550	1.496	7.34
43)	S	trans-1,3-Dichlorop	0.204	0.183	0.199	0.201	0.207	0.199	4.80
44)	T	trans-1,3-Dichlorop	0.481	0.483	0.541	0.560	0.583	0.530	8.60
45)	T	1,1,2-Trichloroetha	0.387	0.392	0.386	0.372	0.366	0.381	2.91
46)	T	Tetrachloroethene	0.309	0.310	0.310	0.307	0.303	0.308	0.98
47)	S	2-Hexanone-d5	0.147	0.134	0.165	0.181	0.202	0.166	16.27
48)	T	2-Hexanone	0.315	0.350	0.412	0.400	0.410	0.377	11.44
49)	T	Dibromochloromethan	0.393	0.401	0.404	0.398	0.402	0.400	1.08
50)	T	1,2-Dibromoethane	0.372	0.386	0.386	0.376	0.380	0.380	1.62
51)	T	Chlorobenzene	0.993	0.992	1.019	1.002	1.016	1.005	1.27
52)	T	Ethylbenzene	1.342	1.365	1.627	1.688	1.712	1.547	11.59

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.474	0.499	0.629	0.651	0.668	0.584	15.53
54)	T	o-xylene	0.457	0.480	0.605	0.632	0.660	0.567	16.26
55)	T	Styrene	0.739	0.791	1.115	1.127	1.164	0.987	20.70
56)	T	Isopropylbenzene	1.115	1.206	1.543	1.633	1.701	1.439	18.25
57)	S	1,1,2,2-Tetrachloro	0.642	0.611	0.607	0.585	0.588	0.607	3.76
58)	T	1,1,2,2-Tetrachloro	0.607	0.622	0.626	0.602	0.614	0.614	1.67
59)		1,2,3-Trichloroprop	0.473	0.499	0.493	0.475	0.486	0.485	2.35
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.659	0.669	0.609	0.583	0.561	0.616	7.63
62)	T	1,3-Dichlorobenzene	1.557	1.448	1.449	1.446	1.471	1.474	3.23
63)	T	1,4-Dichlorobenzene	1.641	1.649	1.596	1.553	1.549	1.598	2.95
64)	S	1,2-Dichlorobenzene	1.178	1.012	0.966	0.943	0.925	1.005	10.20
65)	T	1,2-Dichlorobenzene	1.683	1.630	1.629	1.567	1.539	1.610	3.56
66)	T	1,2-Dibromo-3-chlor	0.292	0.272	0.254	0.246	0.242	0.261	7.94
67)		1,3,5-Trichlorobenz	1.158	1.086	1.129	1.146	1.182	1.140	3.17
68)	T	1,2,4-trichlorobenz	0.855	0.774	0.896	0.971	1.057	0.911	11.91
69)		Naphthalene	1.895	1.719	2.640	3.126	3.316	2.539	28.16
70)	T	1,2,3-Trichlorobenz	0.904	0.845	1.031	1.066	1.094	0.988	10.93

(#) = Out of Range