Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVLM120219WMA.M
Title : VOC Analysis
Last Update : Wed Dec 04 01:11:22 2019
Response Via : Initial Calibration

Calibration Files
5 =VV013865.D 10 =VV013866.D 50 =VV013882.D
100 =VV013868.D 200 =VV013869.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.492	0.473	0.425	0.429	0.408	0.445	8.02
3)	T	Chloromethane	0.460	0.428	0.388	0.389	0.370	0.407	8.97
4)	S	Vinyl Chloride-d3	0.287	0.300	0.281	0.294	0.284	0.289	2.65
5)	T	Vinyl chloride	0.467	0.430	0.402	0.414	0.410	0.425	6.04
6)	T	Bromomethane	0.293	0.265	0.244	0.253	0.229	0.257	9.43
7)	S	Chloroethane-d5	0.303	0.326	0.302	0.304	0.274	0.302	6.13
8)	T	Chloroethane	0.306	0.306	0.271	0.273	0.256	0.282	7.99
9)	T	Trichlorofluorometh	0.739	0.695	0.635	0.639	0.593	0.660	8.64
10)	T	1,1,2-Trichloro-1,2	0.411	0.403	0.361	0.362	0.344	0.376	7.77
11)	S	1,1-Dichloroethene-	0.667	0.661	0.627	0.635	0.607	0.639	3.89
12)	T	1,1-Dichloroethene	0.427	0.370	0.345	0.344	0.330	0.363	10.60
13)	T	Acetone	0.376	0.315	0.278	0.268	0.255	0.298	16.38
14)	T	Carbon disulfide	1.120	0.981	0.893	0.917	0.879	0.958	10.30
15)	T	Methyl Acetate	0.374	0.399	0.350	0.361	0.354	0.368	5.43
16)	T	Methylene chloride	0.428	0.396	0.363	0.360	0.346	0.378	8.79
17)	T	trans-1,2-Dichloroe	0.402	0.359	0.337	0.345	0.333	0.355	7.93
18)	T	Methyl tert-butyl E	1.021	1.027	1.024	1.053	1.031	1.031	1.23
19)	T	1,1-Dichloroethane	0.715	0.666	0.606	0.617	0.596	0.640	7.81
20)	T	cis-1,2-Dichloroeth	0.401	0.380	0.379	0.387	0.376	0.385	2.63
21)	S	2-Butanone-d5	0.158	0.185	0.219	0.229	0.228	0.204	15.25
22)	T	2-Butanone	0.293	0.268	0.283	0.294	0.293	0.286	3.88
23)	T	Bromochloromethane	0.233	0.223	0.201	0.206	0.200	0.213	6.84
24)	S	Chloroform-d	0.570	0.614	0.614	0.633	0.606	0.607	3.80
25)	T	Chloroform	0.808	0.719	0.643	0.641	0.610	0.684	11.70
26)	S	1,2-Dichloroethane-	0.384	0.400	0.384	0.387	0.370	0.385	2.82
27)	T	1,2-Dichloroethane	0.527	0.514	0.478	0.478	0.469	0.493	5.16
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.578	0.551	0.595	0.596	0.602	0.584	3.57
30)	T	1,1,1-Trichloroetha	0.651	0.609	0.595	0.587	0.576	0.604	4.82
31)	T	Carbon tetrachlorid	0.571	0.540	0.531	0.525	0.530	0.539	3.42
32)	S	Benzene-d6	1.234	1.313	1.321	1.322	1.289	1.296	2.84
33)	T	Benzene	1.547	1.488	1.500	1.468	1.441	1.489	2.65
34)	T	Trichloroethene	0.430	0.411	0.395	0.387	0.374	0.399	5.48
35)	T	Methylcyclohexane	0.595	0.545	0.606	0.630	0.620	0.599	5.54
36)	S	1,2-Dichloropropane	0.356	0.405	0.393	0.394	0.398	0.389	4.92
37)	T	1,2-Dichloropropane	0.361	0.368	0.363	0.359	0.351	0.360	1.74
38)	T	Bromodichloromethan	0.544	0.510	0.499	0.509	0.494	0.511	3.82
39)	T	cis-1,3-Dichloropro	0.532	0.536	0.567	0.598	0.603	0.567	5.90
40)	T	4-Methyl-2-pentanon	0.477	0.425	0.467	0.487	0.487	0.469	5.47
41)	S	Toluene-d8	1.042	1.159	1.230	1.267	1.208	1.181	7.38
42)	T	Toluene	1.525	1.505	1.561	1.552	1.539	1.536	1.45
43)	S	trans-1,3-Dichlorop	0.172	0.183	0.193	0.197	0.202	0.189	6.29
44)	T	trans-1,3-Dichlorop	0.508	0.490	0.509	0.525	0.537	0.514	3.51
45)	T	1,1,2-Trichloroetha	0.374	0.351	0.358	0.354	0.351	0.358	2.67
46)	T	Tetrachloroethene	0.378	0.365	0.354	0.352	0.354	0.360	3.07
47)	S	2-Hexanone-d5	0.115	0.122	0.152	0.161	0.176	0.145	17.93
48)	T	2-Hexanone	0.392	0.333	0.360	0.389	0.400	0.375	7.35
49)	T	Dibromochloromethan	0.442	0.449	0.428	0.434	0.434	0.437	1.87
50)	T	1,2-Dibromoethane	0.416	0.403	0.386	0.382	0.383	0.394	3.83
51)	T	Chlorobenzene	1.160	1.051	1.032	1.028	1.029	1.060	5.35
52)	T	Ethylbenzene	1.708	1.592	1.709	1.737	1.722	1.694	3.44

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.624	0.612	0.675	0.680	0.683	0.655	5.21
54)	T	o-xylene	0.594	0.598	0.693	0.657	0.659	0.640	6.65
55)	T	Styrene	0.980	1.013	1.226	1.155	1.150	1.105	9.41
56)	T	Isopropylbenzene	1.599	1.562	1.940	1.761	1.744	1.721	8.72
57)	S	1,1,2,2-Tetrachloro	0.526	0.525	0.595	0.625	0.545	0.563	7.93
58)	T	1,1,2,2-Tetrachloro	0.589	0.559	0.600	0.612	0.552	0.582	4.41
59)		1,2,3-Trichloroprop	0.521	0.475	0.500	0.494	0.449	0.488	5.62
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.664	0.614	0.583	0.562	0.635	0.612	6.65
62)	T	1,3-Dichlorobenzene	1.831	1.705	1.569	1.543	1.556	1.641	7.59
63)	T	1,4-Dichlorobenzene	1.925	1.761	1.608	1.617	1.570	1.696	8.68
64)	S	1,2-Dichlorobenzene	1.028	1.040	0.940	0.948	0.954	0.982	4.90
65)	T	1,2-Dichlorobenzene	1.869	1.720	1.560	1.526	1.531	1.641	9.14
66)	T	1,2-Dibromo-3-chlor	0.250	0.239	0.213	0.213	0.224	0.228	7.11
67)		1,3,5-Trichlorobenz	1.495	1.372	1.227	1.265	1.302	1.332	7.92
68)	T	1,2,4-trichlorobenz	1.378	1.155	1.071	1.180	1.226	1.202	9.42
69)		Naphthalene	3.797	2.635	2.925	3.117	3.309	3.156	13.81
70)	T	1,2,3-Trichlorobenz	1.530	1.196	1.166	1.179	1.214	1.257	12.23

(#) = Out of Range