Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVLM032720WMA.M
Title : VOC Analysis
Last Update : Sat Mar 28 01:06:33 2020
Response Via : Initial Calibration

Calibration Files
5 =VV015212.D 10 =VV015213.D 50 =VV015214.D
100 =VV015215.D 200 =VV015216.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.425	0.378	0.384	0.350	0.361	0.380	7.59
3)	T	Chloromethane	0.485	0.464	0.421	0.408	0.381	0.432	9.78
4)	S	Vinyl Chloride-d3	0.225	0.205	0.207	0.194	0.182	0.203	7.90
5)	T	Vinyl chloride	0.476	0.472	0.439	0.433	0.404	0.445	6.76
6)	T	Bromomethane	0.302	0.298	0.283	0.287	0.266	0.287	5.03
7)	S	Chloroethane-d5	0.236	0.222	0.223	0.212	0.195	0.217	6.97
8)	T	Chloroethane	0.318	0.309	0.277	0.275	0.254	0.286	9.15
9)	T	Trichlorofluorometh	0.727	0.723	0.710	0.682	0.722	0.713	2.58
10)	T	1,1,2-Trichloro-1,2	0.399	0.382	0.375	0.357	0.367	0.376	4.18
11)	S	1,1-Dichloroethene-	0.518	0.503	0.510	0.514	0.491	0.507	2.11
12)	T	1,1-Dichloroethene	0.392	0.377	0.363	0.374	0.361	0.373	3.35
13)	T	Acetone	0.129	0.151	0.141	0.146	0.135	0.140	6.10
14)	T	Carbon disulfide	0.993	0.964	0.896	0.909	0.876	0.928	5.30
15)	T	Methyl Acetate	0.361	0.358	0.333	0.333	0.310	0.339	6.19
16)	T	Methylene chloride	0.417	0.384	0.348	0.348	0.327	0.365	9.78
17)	T	trans-1,2-Dichloroe	0.343	0.340	0.314	0.314	0.300	0.322	5.76
18)	T	Methyl tert-butyl E	1.176	1.149	1.083	1.083	1.015	1.101	5.74
19)	T	1,1-Dichloroethane	0.641	0.640	0.580	0.590	0.554	0.601	6.41
20)	T	cis-1,2-Dichloroeth	0.456	0.403	0.364	0.359	0.343	0.385	11.81
21)	S	2-Butanone-d5	0.213	0.234	0.269	0.252	0.233	0.240	8.88
22)	T	2-Butanone	0.240	0.194	0.237	0.245	0.223	0.228	9.14
23)	T	Bromochloromethane	0.201	0.191	0.172	0.176	0.167	0.182	7.86
24)	S	Chloroform-d	0.533	0.527	0.560	0.529	0.497	0.529	4.21
25)	T	Chloroform	0.705	0.688	0.619	0.616	0.581	0.642	8.18
26)	S	1,2-Dichloroethane-	0.336	0.348	0.370	0.349	0.322	0.345	5.12
27)	T	1,2-Dichloroethane	0.530	0.509	0.493	0.488	0.456	0.495	5.50
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.584	0.566	0.551	0.521	0.517	0.548	5.30
30)	T	1,1,1-Trichloroetha	0.657	0.621	0.580	0.581	0.553	0.598	6.79
31)	T	Carbon tetrachlorid	0.542	0.519	0.489	0.493	0.472	0.503	5.46
32)	S	Benzene-d6	0.849	0.928	0.919	0.885	0.821	0.880	5.18
33)	T	Benzene	1.476	1.491	1.366	1.375	1.301	1.402	5.71
34)	T	Trichloroethene	0.406	0.406	0.356	0.364	0.345	0.375	7.70
35)	T	Methylcyclohexane	0.618	0.583	0.578	0.539	0.549	0.573	5.42
36)	S	1,2-Dichloropropane	0.330	0.346	0.337	0.331	0.304	0.330	4.77
37)	T	1,2-Dichloropropane	0.370	0.360	0.345	0.355	0.329	0.352	4.47
38)	T	Bromodichloromethan	0.575	0.536	0.490	0.505	0.477	0.517	7.64
39)	T	cis-1,3-Dichloropro	0.610	0.611	0.565	0.583	0.569	0.588	3.74
40)	T	4-Methyl-2-pentanon	0.544	0.556	0.506	0.510	0.471	0.517	6.52
41)	S	Toluene-d8	0.764	0.776	0.816	0.785	0.737	0.776	3.71
42)	T	Toluene	1.640	1.581	1.527	1.539	1.460	1.549	4.31
43)	S	trans-1,3-Dichlorop	0.169	0.179	0.183	0.179	0.171	0.176	3.37
44)	T	trans-1,3-Dichlorop	0.569	0.580	0.562	0.576	0.553	0.568	1.90
45)	T	1,1,2-Trichloroetha	0.374	0.372	0.348	0.353	0.330	0.355	5.12
46)	T	Tetrachloroethene	0.253	0.236	0.243	0.243	0.240	0.243	2.53
47)	S	2-Hexanone-d5	0.170	0.193	0.209	0.195	0.185	0.190	7.49
48)	T	2-Hexanone	0.409	0.414	0.389	0.398	0.366	0.395	4.85
49)	T	Dibromochloromethan	0.391	0.379	0.380	0.395	0.380	0.385	1.95
50)	T	1,2-Dibromoethane	0.385	0.391	0.378	0.379	0.365	0.380	2.59
51)	T	Chlorobenzene	1.089	1.030	0.979	0.999	0.946	1.009	5.40
52)	T	Ethylbenzene	1.834	1.769	1.740	1.768	1.657	1.753	3.66

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.698	0.680	0.668	0.684	0.644	0.675	3.01
54)	T	o-xylene	0.697	0.689	0.663	0.676	0.635	0.672	3.64
55)	T	Styrene	1.157	1.114	1.128	1.171	1.091	1.132	2.83
56)	T	Isopropylbenzene	1.768	1.703	1.737	1.764	1.648	1.724	2.88
57)	S	1,1,2,2-Tetrachloro	0.560	0.596	0.611	0.585	0.552	0.581	4.23
58)	T	1,1,2,2-Tetrachloro	0.625	0.601	0.571	0.582	0.542	0.584	5.35
59)		1,2,3-Trichloroprop	0.511	0.510	0.459	0.470	0.430	0.476	7.30
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.516	0.522	0.525	0.535	0.537	0.527	1.69
62)	T	1,3-Dichlorobenzene	1.656	1.553	1.524	1.536	1.513	1.556	3.69
63)	T	1,4-Dichlorobenzene	1.640	1.569	1.533	1.555	1.524	1.564	2.94
64)	S	1,2-Dichlorobenzene	0.889	0.864	0.874	0.834	0.804	0.853	3.98
65)	T	1,2-Dichlorobenzene	1.788	1.592	1.530	1.552	1.516	1.596	6.97
66)	T	1,2-Dibromo-3-chlor	0.359	0.360	0.323	0.318	0.302	0.333	7.80
67)		1,3,5-Trichlorobenz	1.033	0.939	0.973	0.986	1.009	0.988	3.61
68)	T	1,2,4-trichlorobenz	0.908	0.873	0.911	0.938	0.965	0.919	3.76
69)		Naphthalene	3.753	3.670	3.641	3.793	3.666	3.704	1.76
70)	T	1,2,3-Trichlorobenz	0.934	0.915	0.929	0.962	0.970	0.942	2.47

(#) = Out of Range