Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM102318WMA.M
Title : VOC Analysis
Last Update : Wed Oct 24 02:41:57 2018
Response Via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : BFB48

Calibration Files
5 =VV008381.D 10 =VV008382.D 50 =VV008383.D
100 =VV008384.D 200 =VV008385.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.372	0.361	0.354	0.347	0.351	0.357	2.75
3)	T	Chloromethane	0.411	0.395	0.377	0.366	0.363	0.382	5.37
4)	S	Vinyl Chloride-d3	0.297	0.290	0.269	0.262	0.266	0.277	5.55
5)	T	Vinyl chloride	0.368	0.358	0.350	0.346	0.350	0.354	2.45
6)	T	Bromomethane	0.109	0.094	0.093	0.093	0.096	0.097	7.13
7)	S	Chloroethane-d5	0.219	0.211	0.192	0.191	0.187	0.200	7.14
8)	T	Chloroethane	0.178	0.186	0.178	0.202	0.187	0.186	5.17
9)	T	Trichlorofluorometh	0.472	0.462	0.454	0.443	0.449	0.456	2.50
10)	T	1,1,2-Trichloro-1,2	0.244	0.237	0.239	0.235	0.235	0.238	1.53
11)	S	1,1-Dichloroethene-	0.530	0.507	0.489	0.486	0.488	0.500	3.74
12)	T	1,1-Dichloroethene	0.235	0.227	0.220	0.219	0.221	0.224	3.03
13)	T	Acetone	0.317	0.211	0.217	0.223	0.200	0.234	20.44
14)	T	Carbon disulfide	1.062	0.994	0.994	0.994	1.008	1.010	2.89
15)	T	Methyl Acetate	0.498	0.476	0.457	0.451	0.447	0.466	4.51
16)	T	Methylene chloride	0.439	0.393	0.373	0.368	0.369	0.389	7.72
17)	T	trans-1,2-Dichloroe	0.362	0.344	0.335	0.333	0.335	0.342	3.47
18)	T	Methyl tert-butyl E	1.304	1.213	1.213	1.192	1.198	1.224	3.73
19)	T	1,1-Dichloroethane	0.746	0.709	0.697	0.683	0.691	0.705	3.47
20)	T	cis-1,2-Dichloroeth	0.394	0.389	0.388	0.384	0.393	0.390	1.02
21)	S	2-Butanone-d5	0.299	0.306	0.302	0.300	0.298	0.301	1.04
22)	T	2-Butanone	0.360	0.340	0.333	0.328	0.325	0.337	4.13
23)	T	Bromochloromethane	0.197	0.183	0.180	0.179	0.181	0.184	3.99
24)	S	Chloroform-d	0.705	0.706	0.669	0.667	0.667	0.683	3.01
25)	T	Chloroform	0.723	0.686	0.679	0.675	0.680	0.689	2.84
26)	S	1,2-Dichloroethane-	0.480	0.473	0.442	0.443	0.445	0.457	4.05
27)	T	1,2-Dichloroethane	0.622	0.576	0.566	0.550	0.562	0.575	4.84
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.800	0.736	0.705	0.698	0.700	0.728	5.93
30)	T	1,1,1-Trichloroetha	0.694	0.653	0.637	0.625	0.633	0.648	4.24
31)	T	Carbon tetrachlorid	0.584	0.546	0.541	0.536	0.545	0.550	3.52
32)	S	Benzene-d6	1.525	1.487	1.385	1.369	1.358	1.425	5.33
33)	T	Benzene	1.776	1.649	1.607	1.577	1.563	1.634	5.26
34)	T	Trichloroethene	0.457	0.422	0.406	0.400	0.407	0.418	5.48
35)	T	Methylcyclohexane	0.736	0.718	0.709	0.698	0.696	0.711	2.29
36)	S	1,2-Dichloropropane	0.531	0.529	0.475	0.472	0.467	0.495	6.55
37)	T	1,2-Dichloropropane	0.484	0.457	0.441	0.438	0.437	0.451	4.40
38)	T	Bromodichloromethan	0.617	0.571	0.558	0.562	0.569	0.575	4.11
39)	T	cis-1,3-Dichloropro	0.703	0.722	0.704	0.706	0.714	0.710	1.12
40)	T	4-Methyl-2-pentanon	0.714	0.675	0.649	0.651	0.652	0.668	4.15
41)	S	Toluene-d8	1.355	1.348	1.268	1.253	1.245	1.294	4.15
42)	T	Toluene	1.810	1.725	1.680	1.642	1.631	1.698	4.27
43)	S	trans-1,3-Dichlorop	0.247	0.233	0.238	0.240	0.243	0.240	2.23
44)	T	trans-1,3-Dichlorop	0.682	0.640	0.660	0.665	0.673	0.664	2.37
45)	T	1,1,2-Trichloroetha	0.427	0.405	0.396	0.383	0.384	0.399	4.54
46)	T	Tetrachloroethene	0.283	0.268	0.272	0.269	0.273	0.273	2.19
47)	S	2-Hexanone-d5	0.263	0.259	0.254	0.258	0.257	0.258	1.22
48)	T	2-Hexanone	0.510	0.505	0.503	0.531	0.530	0.516	2.66
49)	T	Dibromochloromethan	0.448	0.402	0.427	0.430	0.438	0.429	3.94
50)	T	1,2-Dibromoethane	0.449	0.414	0.414	0.407	0.409	0.419	4.05
51)	T	Chlorobenzene	1.096	1.045	1.033	1.024	1.028	1.045	2.82
52)	T	Ethylbenzene	1.975	1.884	1.898	1.875	1.876	1.902	2.19

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.720	0.671	0.694	0.694	0.695	0.695	2.48
54)	T	o-xylene	0.741	0.698	0.681	0.677	0.672	0.694	4.02
55)	T	Styrene	1.181	1.134	1.165	1.171	1.194	1.169	1.91
56)	T	Isopropylbenzene	1.846	1.779	1.808	1.823	1.820	1.815	1.33
57)	S	1,1,2,2-Tetrachloro	0.678	0.687	0.649	0.662	0.673	0.670	2.22
58)	T	1,1,2,2-Tetrachloro	0.737	0.682	0.687	0.689	0.699	0.699	3.17
59)		1,2,3-Trichloroprop	0.579	0.571	0.556	0.559	0.563	0.566	1.67
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.671	0.628	0.623	0.614	0.619	0.631	3.65
62)	T	1,3-Dichlorobenzene	1.792	1.628	1.636	1.615	1.595	1.653	4.78
63)	T	1,4-Dichlorobenzene	1.774	1.660	1.642	1.608	1.600	1.657	4.23
64)	S	1,2-Dichlorobenzene	1.134	1.081	0.991	0.971	0.937	1.023	8.02
65)	T	1,2-Dichlorobenzene	1.847	1.696	1.680	1.627	1.578	1.686	6.01
66)	T	1,2-Dibromo-3-chlor	0.363	0.353	0.344	0.339	0.335	0.347	3.21
67)		1,3,5-Trichlorobenz	1.091	1.032	1.085	1.093	1.097	1.079	2.49
68)	T	1,2,4-trichlorobenz	0.796	0.774	0.894	0.939	0.964	0.873	9.74
69)		Naphthalene	2.602	2.477	2.852	3.042	3.148	2.824	10.06
70)	T	1,2,3-Trichlorobenz	0.812	0.809	0.889	0.914	0.940	0.873	6.88

(#) = Out of Range