Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOM2VLM040219S.M
Title : VOC Analysis
Last Update : Fri Apr 05 23:46:15 2019
Response Via : Initial Calibration

Calibration Files
2.5 =VV010063.D 5 =VV010058.D 25 =VV010065.D
50 =VV010060.D 100 =VV010061.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.430	0.446	0.309	0.314	0.309	0.362	19.38
3)	T	Chloromethane	0.366	0.381	0.295	0.288	0.282	0.322	14.60
4)	S	Vinyl Chloride-d3	0.371	0.343	0.336	0.322	0.301	0.335	7.83
5)	T	Vinyl chloride	0.385	0.408	0.327	0.326	0.308	0.351	12.31
6)	T	Bromomethane	0.469	0.417	0.362	0.397	0.341	0.397	12.59
7)	S	Chloroethane-d5	0.422	0.455	0.460	0.413	0.329	0.416	12.62
8)	T	Chloroethane	0.351	0.305	0.304	0.313	0.261	0.307	10.51
9)	T	Trichlorofluorometh	0.771	0.835	0.671	0.688	0.651	0.723	10.67
10)	S	1,1-Dichloroethene-	0.881	0.917	0.828	0.808	0.787	0.844	6.35
11)	T	1,1,2-Trichloro-1,2	0.406	0.466	0.380	0.385	0.374	0.402	9.33
12)	T	1,1-Dichloroethene	0.359	0.391	0.317	0.323	0.320	0.342	9.38
13)	T	Acetone	0.106	0.099	0.105	0.082	0.078	0.094	13.87
14)	T	Carbon disulfide	0.744	0.813	0.637	0.678	0.674	0.709	9.82
15)	T	Methyl Acetate	0.137	0.164	0.157	0.147	0.149	0.151	6.90
16)	T	Methylene chloride	0.584	0.645	0.342	0.323	0.301	0.439	36.92
17)	T	Methyl tert-butyl E	0.667	0.763	0.718	0.744	0.768	0.732	5.66
18)	T	trans-1,2-Dichloroe	0.325	0.330	0.271	0.288	0.279	0.299	9.16
19)	T	1,1-Dichloroethane	0.504	0.552	0.482	0.505	0.493	0.507	5.29
20)	S	2-Butanone-d5	0.083	0.074	0.115	0.102	0.101	0.095	16.99
21)		2-Butanone	0.100	0.101	0.109	0.100	0.104	0.103	3.66
22)	T	cis-1,2-Dichloroeth	0.329	0.359	0.311	0.331	0.328	0.331	5.14
23)	T	Bromochloromethane	0.146	0.178	0.155	0.161	0.164	0.161	7.19
24)	S	Chloroform-d	0.583	0.627	0.658	0.649	0.633	0.630	4.62
25)	T	Chloroform	0.543	0.630	0.538	0.570	0.562	0.568	6.45
26)	S	1,2-Dichloroethane-	0.324	0.338	0.372	0.367	0.361	0.352	5.81
27)	T	1,2-Dichloroethane	0.366	0.425	0.373	0.386	0.389	0.388	5.83
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.237	1.308	1.355	1.306	1.276	1.296	3.36
30)	T	Cyclohexane	0.468	0.517	0.414	0.432	0.426	0.451	9.31
31)	T	1,1,1-Trichloroetha	0.512	0.557	0.479	0.500	0.501	0.510	5.68
32)	T	Carbon tetrachlorid	0.425	0.499	0.434	0.457	0.462	0.456	6.34
33)	S	1,2-Dichloropropane	0.373	0.380	0.393	0.387	0.380	0.383	2.01
34)	T	Benzene	1.289	1.314	1.133	1.186	1.190	1.223	6.21
35)	T	Trichloroethene	0.364	0.409	0.323	0.331	0.333	0.352	10.05
36)	T	Methylcyclohexane	0.559	0.589	0.478	0.516	0.493	0.527	8.81
37)	S	Toluene-d8	1.156	1.191	1.336	1.293	1.269	1.249	5.94
38)	S	trans-1,3-Dichlorop	0.133	0.150	0.171	0.177	0.186	0.164	13.24
39)	S	2-Hexanone-d5	0.060	0.069	0.090	0.080	0.084	0.077	15.76
40)	T	1,2-Dichloropropane	0.337	0.321	0.287	0.296	0.303	0.309	6.50
41)	T	Bromodichloromethan	0.381	0.402	0.376	0.418	0.431	0.402	5.85
42)	T	cis-1,3-Dichloropro	0.402	0.426	0.426	0.479	0.502	0.447	9.32
43)	T	4-Methyl-2-pentanon	0.212	0.234	0.238	0.227	0.232	0.229	4.43
44)	T	Toluene	1.342	1.490	1.307	1.358	1.364	1.372	5.05
45)	T	trans-1,3-Dichlorop	0.311	0.359	0.375	0.415	0.441	0.380	13.27
46)	T	1,1,2-Trichloroetha	0.266	0.289	0.267	0.269	0.278	0.274	3.60
47)	T	Tetrachloroethene	0.319	0.317	0.272	0.280	0.285	0.295	7.45
48)	S	1,1,2,2-Tetrachloro	0.343	0.347	0.418	0.392	0.387	0.377	8.44
49)	T	2-Hexanone	0.136	0.159	0.174	0.172	0.175	0.163	10.00
50)	T	Dibromochloromethan	0.252	0.287	0.301	0.335	0.359	0.307	13.56
51)	T	1,2-Dibromoethane	0.255	0.274	0.269	0.272	0.284	0.271	3.97
52)	T	Chlorobenzene	0.962	1.004	0.874	0.915	0.925	0.936	5.28

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.510	1.585	1.424	1.497	1.507	1.505	3.78
54)	T	m,p-Xylene	0.589	0.599	0.557	0.592	0.591	0.586	2.85
55)	T	o-xylene	0.530	0.588	0.546	0.589	0.584	0.567	4.86
56)	T	Styrene	0.809	0.941	0.937	1.004	1.003	0.939	8.47
57)	T	Isopropylbenzene	1.401	1.549	1.453	1.546	1.531	1.496	4.41
58)	T	1,1,2,2-Tetrachloro	0.331	0.365	0.352	0.355	0.355	0.352	3.52
59)		1,2,3-Trichloroprop	0.237	0.267	0.254	0.251	0.252	0.252	4.24
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	S	1,2-Dichlorobenzene	1.010	0.919	0.999	0.996	0.945	0.974	4.05
62)	T	Bromoform	0.288	0.340	0.331	0.383	0.416	0.352	14.02
63)	T	1,3-Dichlorobenzene	1.471	1.611	1.359	1.464	1.432	1.467	6.25
64)	T	1,4-Dichlorobenzene	1.615	1.685	1.386	1.508	1.449	1.529	7.94
65)	T	1,2-Dichlorobenzene	1.522	1.551	1.331	1.419	1.383	1.442	6.44
66)	T	1,2-Dibromo-3-chlor	0.089	0.093	0.099	0.100	0.108	0.098	7.51
67)		1,3,5-Trichlorobenz	1.118	1.129	0.983	1.122	1.097	1.090	5.58
68)	T	1,2,4-trichlorobenz	0.779	0.785	0.750	0.928	0.930	0.834	10.46
69)		Naphthalene	0.972	1.043	1.351	1.693	1.882	1.388	28.59
70)	T	1,2,3-Trichlorobenz	0.647	0.727	0.734	0.886	0.902	0.779	14.17

(#) = Out of Range