Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOM2VLM042219S.M
Title : VOC Analysis
Last Update : Mon Apr 22 15:14:32 2019
Response Via : Initial Calibration

Calibration Files
2.5 =VV010410.D 5 =VV010411.D 25 =VV010412.D
50 =VV010413.D 100 =VV010414.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.392	0.419	0.363	0.371	0.361	0.381	6.33
3)	T	Chloromethane	0.331	0.345	0.295	0.295	0.316	0.316	6.98
4)	S	Vinyl Chloride-d3	0.409	0.385	0.318	0.313	0.297	0.344	14.31
5)	T	Vinyl chloride	0.413	0.412	0.362	0.353	0.329	0.374	9.92
6)	T	Bromomethane	0.245	0.194	0.218	0.192	0.125	0.195	22.86
7)	S	Chloroethane-d5	0.308	0.298	0.256	0.246	0.232	0.268	12.34
8)	T	Chloroethane	0.222	0.236	0.197	0.206	0.190	0.210	8.97
9)	T	Trichlorofluorometh	0.694	0.682	0.621	0.620	0.577	0.639	7.59
10)	S	1,1-Dichloroethene-	0.721	0.729	0.603	0.599	0.564	0.643	11.89
11)	T	1,1,2-Trichloro-1,2	0.391	0.393	0.346	0.340	0.318	0.358	9.19
12)	T	1,1-Dichloroethene	0.339	0.347	0.304	0.303	0.281	0.315	8.77
13)	T	Acetone	0.113	0.100	0.072	0.076	0.072	0.086	21.94
14)	T	Carbon disulfide	0.743	0.793	0.653	0.671	0.658	0.704	8.76
15)	T	Methyl Acetate	0.124	0.127	0.120	0.138	0.133	0.128	5.54
16)	T	Methylene chloride	0.565	0.414	0.294	0.285	0.276	0.367	33.89
17)	T	Methyl tert-butyl E	0.722	0.771	0.713	0.761	0.764	0.746	3.58
18)	T	trans-1,2-Dichloroe	0.285	0.304	0.265	0.273	0.265	0.278	5.93
19)	T	1,1-Dichloroethane	0.493	0.524	0.485	0.496	0.490	0.498	3.08
20)	S	2-Butanone-d5	0.062	0.073	0.080	0.095	0.093	0.081	17.18
21)		2-Butanone	0.087	0.089	0.088	0.100	0.097	0.092	6.27
22)	T	cis-1,2-Dichloroeth	0.313	0.323	0.308	0.312	0.313	0.314	1.82
23)	T	Bromochloromethane	0.143	0.159	0.147	0.152	0.156	0.151	4.30
24)	S	Chloroform-d	0.588	0.611	0.598	0.628	0.630	0.611	3.00
25)	T	Chloroform	0.611	0.634	0.582	0.589	0.573	0.598	4.13
26)	S	1,2-Dichloroethane-	0.358	0.388	0.370	0.382	0.376	0.375	3.13
27)	T	1,2-Dichloroethane	0.416	0.438	0.402	0.420	0.421	0.419	3.08
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.221	1.219	1.143	1.140	1.049	1.154	6.14
30)	T	Cyclohexane	0.496	0.513	0.416	0.424	0.366	0.443	13.65
31)	T	1,1,1-Trichloroetha	0.551	0.573	0.538	0.541	0.469	0.534	7.36
32)	T	Carbon tetrachlorid	0.551	0.536	0.497	0.505	0.442	0.506	8.35
33)	S	1,2-Dichloropropane	0.372	0.351	0.329	0.338	0.313	0.340	6.54
34)	T	Benzene	1.107	1.245	1.082	1.095	0.996	1.105	8.11
35)	T	Trichloroethene	0.356	0.367	0.331	0.331	0.291	0.335	8.73
36)	T	Methylcyclohexane	0.526	0.561	0.487	0.488	0.442	0.501	8.97
37)	S	Toluene-d8	1.141	1.213	1.173	1.202	1.215	1.189	2.67
38)	S	trans-1,3-Dichlorop	0.156	0.154	0.170	0.182	0.176	0.168	7.26
39)	S	2-Hexanone-d5	0.056	0.058	0.067	0.080	0.077	0.068	16.04
40)	T	1,2-Dichloropropane	0.254	0.282	0.285	0.280	0.259	0.272	5.32
41)	T	Bromodichloromethan	0.401	0.442	0.416	0.437	0.400	0.419	4.70
42)	T	cis-1,3-Dichloropro	0.386	0.448	0.475	0.487	0.449	0.449	8.63
43)	T	4-Methyl-2-pentanon	0.182	0.209	0.194	0.222	0.202	0.202	7.52
44)	T	Toluene	1.345	1.367	1.280	1.324	1.361	1.335	2.63
45)	T	trans-1,3-Dichlorop	0.354	0.394	0.420	0.443	0.439	0.410	8.98
46)	T	1,1,2-Trichloroetha	0.234	0.247	0.242	0.253	0.243	0.244	2.85
47)	T	Tetrachloroethene	0.318	0.316	0.290	0.286	0.277	0.297	6.21
48)	S	1,1,2,2-Tetrachloro	0.291	0.302	0.324	0.371	0.371	0.332	11.34
49)	T	2-Hexanone	0.123	0.133	0.145	0.164	0.152	0.143	11.13
50)	T	Dibromochloromethan	0.281	0.318	0.326	0.354	0.365	0.329	10.07
51)	T	1,2-Dibromoethane	0.243	0.267	0.239	0.262	0.268	0.256	5.34
52)	T	Chlorobenzene	0.921	0.958	0.895	0.930	0.978	0.936	3.45

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.510	1.598	1.512	1.596	1.591	1.561	2.97
54)	T	m,p-Xylene	0.593	0.593	0.591	0.640	0.642	0.612	4.33
55)	T	o-xylene	0.554	0.612	0.585	0.668	0.629	0.610	7.11
56)	T	Styrene	0.837	0.955	0.976	1.182	1.080	1.006	13.04
57)	T	Isopropylbenzene	1.566	1.597	1.593	1.836	1.644	1.647	6.63
58)	T	1,1,2,2-Tetrachloro	0.279	0.302	0.301	0.350	0.347	0.316	9.89
59)		1,2,3-Trichloroprop	0.207	0.234	0.225	0.258	0.247	0.234	8.39
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	S	1,2-Dichlorobenzene	0.935	0.937	0.933	0.996	0.950	0.950	2.80
62)	T	Bromoform	0.336	0.353	0.352	0.404	0.427	0.374	10.39
63)	T	1,3-Dichlorobenzene	1.454	1.519	1.423	1.450	1.464	1.462	2.43
64)	T	1,4-Dichlorobenzene	1.526	1.565	1.441	1.473	1.478	1.497	3.26
65)	T	1,2-Dichlorobenzene	1.431	1.425	1.353	1.506	1.389	1.421	4.02
66)	T	1,2-Dibromo-3-chlor	0.082	0.092	0.095	0.104	0.097	0.094	8.58
67)		1,3,5-Trichlorobenz	1.102	1.168	1.155	1.215	1.201	1.168	3.79
68)	T	1,2,4-trichlorobenz	0.762	0.803	0.884	0.949	1.008	0.881	11.47
69)		Naphthalene	1.070	1.144	1.393	1.678	1.797	1.417	22.56
70)	T	1,2,3-Trichlorobenz	0.671	0.751	0.824	0.894	0.938	0.816	13.23

(#) = Out of Range