Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM090418WMA.M
Title : VOC Analysis
Last Update : Wed Sep 05 01:20:36 2018
Response Via : Initial Calibration

Calibration Files
5 =VV007337.D 10 =VV007338.D 50 =VV007339.D
100 =VV007340.D 200 =VV007341.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.487	0.400	0.377	0.366	0.354	0.397	13.45
3)	T	Chloromethane	0.520	0.426	0.396	0.386	0.377	0.421	13.83
4)	S	Vinyl Chloride-d3	0.392	0.352	0.358	0.353	0.331	0.357	6.10
5)	T	Vinyl chloride	0.507	0.428	0.409	0.402	0.389	0.427	10.95
6)	T	Bromomethane	0.263	0.207	0.186	0.182	0.190	0.206	16.18
7)	S	Chloroethane-d5	0.335	0.214	0.241	0.193	0.187	0.234	25.68
8)	T	Chloroethane	0.295	0.226	0.228	0.190	0.155	0.219	23.83
9)	T	Trichlorofluorometh	0.645	0.548	0.519	0.505	0.485	0.540	11.67
10)	T	1,1,2-Trichloro-1,2	0.399	0.344	0.320	0.312	0.303	0.335	11.59
11)	S	1,1-Dichloroethene-	0.711	0.620	0.618	0.612	0.585	0.629	7.58
12)	T	1,1-Dichloroethene	0.388	0.308	0.301	0.294	0.290	0.316	12.83
13)	T	Acetone	0.227	0.176	0.161	0.153	0.148	0.173	18.58
14)	T	Carbon disulfide	1.074	0.882	0.852	0.838	0.834	0.896	11.30
15)	T	Methyl Acetate	0.462	0.376	0.361	0.345	0.340	0.377	13.21
16)	T	Methylene chloride	0.472	0.380	0.354	0.342	0.333	0.376	14.98
17)	T	trans-1,2-Dichloroe	0.423	0.344	0.327	0.318	0.313	0.345	13.15
18)	T	Methyl tert-butyl E	1.270	1.050	1.042	1.025	1.015	1.080	9.91
19)	T	1,1-Dichloroethane	0.872	0.709	0.686	0.659	0.647	0.714	12.79
20)	T	cis-1,2-Dichloroeth	0.441	0.374	0.382	0.393	0.395	0.397	6.53
21)	S	2-Butanone-d5	0.306	0.269	0.289	0.295	0.293	0.291	4.72
22)	T	2-Butanone	0.315	0.273	0.283	0.287	0.291	0.290	5.30
23)	T	Bromochloromethane	0.240	0.209	0.202	0.196	0.192	0.208	9.22
24)	S	Chloroform-d	0.834	0.720	0.728	0.724	0.688	0.739	7.55
25)	T	Chloroform	0.845	0.687	0.676	0.662	0.646	0.703	11.45
26)	S	1,2-Dichloroethane-	0.503	0.434	0.441	0.438	0.414	0.446	7.53
27)	T	1,2-Dichloroethane	0.621	0.521	0.510	0.496	0.485	0.527	10.36
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.575	0.469	0.542	0.581	0.605	0.554	9.54
30)	T	1,1,1-Trichloroetha	0.720	0.604	0.586	0.579	0.563	0.611	10.32
31)	T	Carbon tetrachlorid	0.624	0.526	0.509	0.494	0.489	0.529	10.49
32)	S	Benzene-d6	1.574	1.416	1.526	1.546	1.472	1.507	4.17
33)	T	Benzene	1.777	1.499	1.596	1.581	1.544	1.599	6.62
34)	T	Trichloroethene	0.451	0.382	0.376	0.371	0.373	0.390	8.75
35)	T	Methylcyclohexane	0.547	0.499	0.588	0.631	0.646	0.582	10.42
36)	S	1,2-Dichloropropane	0.551	0.500	0.499	0.497	0.479	0.505	5.34
37)	T	1,2-Dichloropropane	0.502	0.436	0.426	0.423	0.410	0.440	8.19
38)	T	Bromodichloromethan	0.630	0.524	0.514	0.510	0.506	0.537	9.78
39)	T	cis-1,3-Dichloropro	0.598	0.509	0.590	0.606	0.648	0.590	8.61
40)	T	4-Methyl-2-pentanon	0.515	0.428	0.526	0.533	0.536	0.508	8.94
41)	S	Toluene-d8	1.196	1.153	1.378	1.411	1.349	1.297	8.88
42)	T	Toluene	1.481	1.388	1.614	1.618	1.592	1.539	6.56
43)	S	trans-1,3-Dichlorop	0.216	0.190	0.216	0.225	0.228	0.215	7.05
44)	T	trans-1,3-Dichlorop	0.563	0.491	0.542	0.572	0.591	0.552	6.96
45)	T	1,1,2-Trichloroetha	0.497	0.403	0.401	0.391	0.383	0.415	11.23
46)	T	Tetrachloroethene	0.346	0.305	0.307	0.305	0.306	0.314	5.71
47)	S	2-Hexanone-d5	0.159	0.150	0.211	0.236	0.232	0.198	20.46
48)	T	2-Hexanone	0.358	0.348	0.421	0.429	0.424	0.396	9.96
49)	T	Dibromochloromethan	0.480	0.403	0.412	0.415	0.417	0.425	7.29
50)	T	1,2-Dibromoethane	0.458	0.389	0.397	0.391	0.391	0.405	7.39
51)	T	Chlorobenzene	1.112	0.998	1.028	1.024	1.033	1.039	4.16
52)	T	Ethylbenzene	1.374	1.337	1.623	1.716	1.750	1.560	12.37

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.509	0.499	0.634	0.665	0.679	0.597	14.53
54)	T	o-xylene	0.508	0.475	0.608	0.644	0.670	0.581	14.74
55)	T	Styrene	0.795	0.793	1.111	1.157	1.175	1.006	19.38
56)	T	Isopropylbenzene	1.210	1.208	1.550	1.659	1.719	1.469	16.67
57)	S	1,1,2,2-Tetrachloro	0.752	0.656	0.695	0.690	0.656	0.690	5.67
58)	T	1,1,2,2-Tetrachloro	0.752	0.632	0.647	0.629	0.621	0.656	8.30
59)		1,2,3-Trichloroprop	0.587	0.507	0.518	0.503	0.498	0.523	7.04
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.870	0.694	0.638	0.605	0.599	0.681	16.45
62)	T	1,3-Dichlorobenzene	1.664	1.468	1.486	1.474	1.503	1.519	5.41
63)	T	1,4-Dichlorobenzene	1.764	1.605	1.618	1.578	1.580	1.629	4.76
64)	S	1,2-Dichlorobenzene	1.151	1.036	1.085	1.074	1.027	1.075	4.60
65)	T	1,2-Dichlorobenzene	1.867	1.699	1.704	1.630	1.590	1.698	6.23
66)	T	1,2-Dibromo-3-chlor	0.340	0.295	0.277	0.269	0.258	0.288	11.11
67)		1,3,5-Trichlorobenz	1.210	1.085	1.170	1.168	1.196	1.166	4.16
68)	T	1,2,4-trichlorobenz	0.727	0.777	0.936	1.007	1.068	0.903	16.21
69)		Naphthalene	1.739	1.773	2.790	3.303	3.425	2.606	31.15
70)	T	1,2,3-Trichlorobenz	0.810	0.840	1.087	1.129	1.123	0.998	15.91

(#) = Out of Range