Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
Method File : SOM2WLM091520S.M
Title : VOC Analysis
Last Update : Tue Sep 15 16:02:36 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VW016556.D 5 =VW016557.D 25 =VW016558.D
50 =VW016559.D 100 =VW016560.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.290	0.330	0.307	0.314	0.303	0.309	4.75
3)	T	Chloromethane	0.230	0.221	0.217	0.231	0.231	0.226	2.84
4)	S	Vinyl Chloride-d3	0.256	0.266	0.231	0.236	0.220	0.242	7.80
5)	T	Vinyl chloride	0.349	0.350	0.329	0.329	0.310	0.333	5.02
6)	T	Bromomethane	0.262	0.257	0.243	0.253	0.251	0.253	2.69
7)	S	Chloroethane-d5	0.212	0.215	0.183	0.194	0.183	0.198	7.78
8)	T	Chloroethane	0.201	0.204	0.194	0.198	0.189	0.197	2.97
9)	T	Trichlorofluorometh	0.328	0.327	0.341	0.348	0.338	0.336	2.65
10)	S	1,1-Dichloroethene-	0.576	0.582	0.513	0.534	0.501	0.541	6.73
11)	T	1,1,2-Trichloro-1,2	0.325	0.337	0.322	0.322	0.304	0.322	3.67
12)	T	1,1-Dichloroethene	0.327	0.328	0.307	0.318	0.303	0.317	3.62
13)	T	Acetone	0.062	0.051	0.049	0.048	0.048	0.052	11.84
14)	T	Carbon disulfide	0.999	0.982	0.930	0.963	0.903	0.955	4.06
15)	T	Methyl Acetate	0.117	0.121	0.115	0.115	0.121	0.118	2.50
16)	T	Methylene chloride	0.567	0.447	0.312	0.311	0.292	0.386	30.77
17)	T	Methyl tert-butyl E	0.453	0.455	0.430	0.428	0.402	0.434	4.94
18)	T	trans-1,2-Dichloroe	0.341	0.337	0.317	0.330	0.314	0.328	3.66
19)	T	1,1-Dichloroethane	0.545	0.532	0.501	0.517	0.498	0.519	3.87
20)	S	2-Butanone-d5	0.077	0.074	0.057	0.059	0.062	0.066	13.91
21)		2-Butanone	0.117	0.093	0.078	0.075	0.075	0.088	20.60
22)	T	cis-1,2-Dichloroeth	0.346	0.348	0.331	0.345	0.331	0.340	2.43
23)	T	Bromochloromethane	0.175	0.169	0.158	0.163	0.161	0.165	4.12
24)	S	Chloroform-d	0.573	0.578	0.480	0.504	0.480	0.523	9.30
25)	T	Chloroform	0.588	0.593	0.544	0.567	0.534	0.565	4.60
26)	S	1,2-Dichloroethane-	0.301	0.298	0.239	0.257	0.247	0.268	10.84
27)	T	1,2-Dichloroethane	0.380	0.373	0.351	0.358	0.351	0.363	3.58
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.244	1.282	1.012	1.068	1.000	1.121	11.84
30)	T	Cyclohexane	0.594	0.581	0.525	0.530	0.502	0.546	7.19
31)	T	1,1,1-Trichloroetha	0.621	0.620	0.567	0.576	0.535	0.584	6.28
32)	T	Carbon tetrachlorid	0.603	0.591	0.541	0.563	0.538	0.567	5.13
33)	S	1,2-Dichloropropane	0.335	0.343	0.275	0.289	0.277	0.304	10.72
34)	T	Benzene	1.457	1.417	1.281	1.315	1.230	1.340	7.06
35)	T	Trichloroethene	0.417	0.407	0.371	0.383	0.361	0.388	6.10
36)	T	Methylcyclohexane	0.713	0.694	0.633	0.640	0.608	0.658	6.70
37)	S	Toluene-d8	1.246	1.248	0.983	1.046	0.992	1.103	12.11
38)	S	trans-1,3-Dichlorop	0.166	0.165	0.139	0.148	0.147	0.153	7.88
39)	S	2-Hexanone-d5	0.059	0.059	0.050	0.052	0.056	0.055	7.11
40)	T	1,2-Dichloropropane	0.341	0.325	0.295	0.306	0.292	0.312	6.70
41)	T	Bromodichloromethan	0.482	0.479	0.435	0.463	0.449	0.462	4.28
42)	T	cis-1,3-Dichloropro	0.538	0.549	0.510	0.539	0.526	0.532	2.81
43)	T	4-Methyl-2-pentanon	0.223	0.206	0.183	0.186	0.192	0.198	8.20
44)	T	Toluene	1.588	1.607	1.440	1.491	1.407	1.507	5.88
45)	T	trans-1,3-Dichlorop	0.462	0.469	0.449	0.470	0.466	0.463	1.81
46)	T	1,1,2-Trichloroetha	0.279	0.274	0.250	0.257	0.254	0.263	4.86
47)	T	Tetrachloroethene	0.378	0.361	0.339	0.347	0.326	0.350	5.71
48)	S	1,1,2,2-Tetrachloro	0.289	0.287	0.232	0.243	0.242	0.259	10.52
49)	T	2-Hexanone	0.128	0.121	0.122	0.125	0.132	0.126	3.32
50)	T	Dibromochloromethan	0.342	0.342	0.332	0.345	0.353	0.343	2.16
51)	T	1,2-Dibromoethane	0.268	0.275	0.250	0.258	0.263	0.263	3.56
52)	T	Chlorobenzene	1.067	1.067	0.966	1.003	0.958	1.012	5.25

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.840	1.799	1.638	1.689	1.587	1.711	6.23
54)	T	m,p-Xylene	0.711	0.700	0.643	0.658	0.637	0.670	5.02
55)	T	o-xylene	0.684	0.666	0.617	0.627	0.614	0.642	4.95
56)	T	Styrene	1.081	1.106	1.030	1.074	1.036	1.066	2.99
57)	T	Isopropylbenzene	1.887	1.831	1.691	1.728	1.630	1.754	5.97
58)	T	1,1,2,2-Tetrachloro	0.311	0.297	0.283	0.287	0.290	0.294	3.69
59)		1,2,3-Trichloroprop	0.234	0.223	0.211	0.210	0.215	0.219	4.64
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	S	1,2-Dichlorobenzene	0.892	0.926	0.719	0.738	0.718	0.799	12.76
62)	T	Bromoform	0.414	0.411	0.413	0.420	0.451	0.422	3.92
63)	T	1,3-Dichlorobenzene	1.728	1.680	1.574	1.591	1.557	1.626	4.56
64)	T	1,4-Dichlorobenzene	1.657	1.691	1.559	1.539	1.515	1.592	4.86
65)	T	1,2-Dichlorobenzene	1.534	1.550	1.416	1.383	1.382	1.453	5.67
66)	T	1,2-Dibromo-3-chlor	0.106	0.104	0.102	0.100	0.109	0.104	3.33
67)		1,3,5-Trichlorobenz	1.248	1.220	1.220	1.133	1.125	1.189	4.71
68)	T	1,2,4-trichlorobenz	0.962	0.971	1.006	0.915	0.957	0.962	3.39
69)		Naphthalene	1.567	1.572	1.815	1.686	1.888	1.705	8.44
70)	T	1,2,3-Trichlorobenz	0.825	0.816	0.868	0.794	0.834	0.827	3.29

(#) = Out of Range