Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
Method File : SOM2WLM110420S.M
Title : VOC Analysis
Last Update : Wed Nov 04 16:09:09 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VW017074.D 5 =VW017075.D 25 =VW017076.D
50 =VW017077.D 100 =VW017078.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.249	0.257	0.265	0.247	0.236	0.251	4.38
3)	T	Chloromethane	0.246	0.232	0.223	0.219	0.217	0.228	5.09
4)	S	Vinyl Chloride-d3	0.284	0.268	0.363	0.326	0.334	0.315	12.26
5)	T	Vinyl chloride	0.341	0.349	0.349	0.323	0.309	0.334	5.32
6)	T	Bromomethane	0.242	0.242	0.235	0.219	0.217	0.231	5.37
7)	S	Chloroethane-d5	0.218	0.215	0.276	0.247	0.256	0.243	10.64
8)	T	Chloroethane	0.205	0.208	0.209	0.196	0.190	0.201	4.09
9)	T	Trichlorofluorometh	0.267	0.267	0.288	0.269	0.267	0.272	3.42
10)	S	1,1-Dichloroethene-	0.531	0.516	0.624	0.561	0.585	0.563	7.65
11)	T	1,1,2-Trichloro-1,2	0.312	0.333	0.339	0.318	0.311	0.323	3.93
12)	T	1,1-Dichloroethene	0.307	0.317	0.326	0.301	0.301	0.310	3.52
13)	T	Acetone	0.050	0.042	0.049	0.046	0.049	0.047	6.85
14)	T	Carbon disulfide	0.859	0.877	0.871	0.813	0.802	0.844	4.06
15)	T	Methyl Acetate	0.113	0.108	0.124	0.116	0.124	0.117	6.07
16)	T	Methylene chloride	0.410	0.362	0.328	0.294	0.291	0.337	14.84
17)	T	Methyl tert-butyl E	0.370	0.367	0.404	0.373	0.380	0.379	3.93
18)	T	trans-1,2-Dichloroe	0.319	0.326	0.336	0.311	0.314	0.321	3.11
19)	T	1,1-Dichloroethane	0.504	0.505	0.538	0.496	0.502	0.509	3.28
20)	S	2-Butanone-d5	0.064	0.061	0.075	0.070	0.082	0.070	12.38
21)		2-Butanone	0.076	0.069	0.079	0.074	0.081	0.076	5.65
22)	T	cis-1,2-Dichloroeth	0.338	0.329	0.357	0.334	0.339	0.340	3.12
23)	T	Bromochloromethane	0.156	0.159	0.174	0.163	0.165	0.164	4.23
24)	S	Chloroform-d	0.548	0.533	0.642	0.578	0.617	0.584	7.85
25)	T	Chloroform	0.547	0.557	0.588	0.536	0.541	0.554	3.76
26)	S	1,2-Dichloroethane-	0.273	0.266	0.319	0.284	0.309	0.290	7.99
27)	T	1,2-Dichloroethane	0.326	0.332	0.351	0.322	0.329	0.332	3.41
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.181	1.129	1.439	1.257	1.359	1.273	9.97
30)	T	Cyclohexane	0.446	0.458	0.504	0.468	0.477	0.471	4.72
31)	T	1,1,1-Trichloroetha	0.513	0.487	0.548	0.505	0.507	0.512	4.36
32)	T	Carbon tetrachlorid	0.477	0.480	0.525	0.490	0.498	0.494	3.92
33)	S	1,2-Dichloropropane	0.320	0.313	0.395	0.351	0.382	0.352	10.27
34)	T	Benzene	1.316	1.324	1.384	1.269	1.270	1.313	3.60
35)	T	Trichloroethene	0.383	0.368	0.378	0.351	0.358	0.368	3.58
36)	T	Methylcyclohexane	0.572	0.586	0.627	0.580	0.595	0.592	3.59
37)	S	Toluene-d8	1.119	1.065	1.346	1.177	1.295	1.200	9.83
38)	S	trans-1,3-Dichlorop	0.130	0.129	0.178	0.166	0.191	0.159	17.73
39)	S	2-Hexanone-d5	0.048	0.047	0.069	0.066	0.077	0.061	21.77
40)	T	1,2-Dichloropropane	0.304	0.302	0.326	0.299	0.303	0.307	3.48
41)	T	Bromodichloromethan	0.395	0.406	0.456	0.423	0.442	0.424	5.88
42)	T	cis-1,3-Dichloropro	0.436	0.441	0.523	0.503	0.527	0.486	9.15
43)	T	4-Methyl-2-pentanon	0.205	0.178	0.190	0.178	0.195	0.189	6.01
44)	T	Toluene	1.413	1.429	1.537	1.413	1.433	1.445	3.62
45)	T	trans-1,3-Dichlorop	0.354	0.372	0.457	0.436	0.468	0.417	12.28
46)	T	1,1,2-Trichloroetha	0.260	0.261	0.277	0.255	0.269	0.265	3.20
47)	T	Tetrachloroethene	0.350	0.344	0.339	0.308	0.319	0.332	5.35
48)	S	1,1,2,2-Tetrachloro	0.279	0.268	0.337	0.306	0.345	0.307	11.09
49)	T	2-Hexanone	0.095	0.100	0.123	0.122	0.132	0.114	14.15
50)	T	Dibromochloromethan	0.292	0.299	0.341	0.329	0.351	0.322	8.00
51)	T	1,2-Dibromoethane	0.244	0.240	0.273	0.258	0.270	0.257	5.82
52)	T	Chlorobenzene	0.969	0.974	1.027	0.945	0.971	0.977	3.06

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.589	1.561	1.714	1.596	1.610	1.614	3.62
54)	T	m,p-Xylene	0.592	0.609	0.676	0.635	0.645	0.631	5.17
55)	T	o-xylene	0.561	0.564	0.650	0.602	0.619	0.599	6.34
56)	T	Styrene	0.891	0.944	1.105	1.042	1.049	1.006	8.61
57)	T	Isopropylbenzene	1.490	1.553	1.771	1.656	1.662	1.626	6.69
58)	T	1,1,2,2-Tetrachloro	0.289	0.284	0.329	0.307	0.319	0.306	6.22
59)		1,2,3-Trichloroprop	0.210	0.208	0.234	0.219	0.228	0.220	5.20
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	S	1,2-Dichlorobenzene	0.863	0.814	0.985	0.844	0.898	0.881	7.46
62)	T	Bromoform	0.342	0.344	0.416	0.389	0.427	0.384	10.36
63)	T	1,3-Dichlorobenzene	1.534	1.552	1.673	1.502	1.516	1.555	4.40
64)	T	1,4-Dichlorobenzene	1.615	1.556	1.671	1.481	1.489	1.562	5.21
65)	T	1,2-Dichlorobenzene	1.410	1.357	1.561	1.349	1.336	1.402	6.63
66)	T	1,2-Dibromo-3-chlor	0.083	0.086	0.100	0.094	0.102	0.093	9.12
67)		1,3,5-Trichlorobenz	1.090	1.127	1.250	1.136	1.127	1.146	5.28
68)	T	1,2,4-trichlorobenz	0.787	0.858	1.029	0.926	0.973	0.915	10.37
69)		Naphthalene	1.241	1.362	1.972	1.881	1.959	1.683	20.94
70)	T	1,2,3-Trichlorobenz	0.749	0.776	0.931	0.867	0.855	0.836	8.79

(#) = Out of Range