Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
Method File : SOM2WLM111820S.M
Title : VOC Analysis
Last Update : Wed Nov 18 15:21:54 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VW017326.D 5 =VW017327.D 25 =VW017322.D
50 =VW017323.D 100 =VW017324.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.224	0.228	0.234	0.238	0.237	0.232	2.68
3)	T	Chloromethane	0.266	0.252	0.239	0.248	0.257	0.253	3.88
4)	S	Vinyl Chloride-d3	0.425	0.420	0.344	0.335	0.328	0.370	12.94
5)	T	Vinyl chloride	0.368	0.377	0.371	0.373	0.366	0.371	1.21
6)	T	Bromomethane	0.276	0.280	0.266	0.270	0.301	0.279	4.89
7)	S	Chloroethane-d5	0.325	0.316	0.277	0.275	0.277	0.294	8.34
8)	T	Chloroethane	0.231	0.236	0.228	0.233	0.232	0.232	1.24
9)	T	Trichlorofluorometh	0.313	0.313	0.318	0.356	0.351	0.330	6.49
10)	S	1,1-Dichloroethene-	0.691	0.688	0.621	0.619	0.618	0.647	5.94
11)	T	1,1,2-Trichloro-1,2	0.341	0.351	0.332	0.347	0.342	0.343	2.18
12)	T	1,1-Dichloroethene	0.319	0.331	0.322	0.334	0.338	0.329	2.45
13)	T	Acetone	0.059	0.053	0.036	0.038	0.036	0.044	24.16
14)	T	Carbon disulfide	0.921	0.961	0.952	1.000	0.998	0.966	3.44
15)	T	Methyl Acetate	0.113	0.111	0.084	0.089	0.089	0.097	13.98
16)	T	Methylene chloride	0.612	0.499	0.367	0.336	0.324	0.428	29.14
17)	T	Methyl tert-butyl E	0.410	0.418	0.362	0.373	0.375	0.388	6.37
18)	T	trans-1,2-Dichloroe	0.347	0.357	0.345	0.354	0.358	0.352	1.63
19)	T	1,1-Dichloroethane	0.531	0.553	0.523	0.539	0.547	0.539	2.22
20)	S	2-Butanone-d5	0.079	0.067	0.053	0.053	0.053	0.061	19.19
21)		2-Butanone	0.093	0.081	0.055	0.056	0.055	0.068	26.19
22)	T	cis-1,2-Dichloroeth	0.355	0.365	0.345	0.356	0.368	0.358	2.58
23)	T	Bromochloromethane	0.175	0.180	0.156	0.161	0.166	0.168	5.84
24)	S	Chloroform-d	0.699	0.703	0.630	0.617	0.635	0.657	6.21
25)	T	Chloroform	0.615	0.628	0.583	0.589	0.597	0.602	3.13
26)	S	1,2-Dichloroethane-	0.353	0.354	0.297	0.290	0.293	0.317	10.33
27)	T	1,2-Dichloroethane	0.369	0.378	0.329	0.329	0.340	0.349	6.60
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.495	1.486	1.391	1.331	1.343	1.409	5.51
30)	T	Cyclohexane	0.461	0.479	0.506	0.529	0.529	0.501	6.02
31)	T	1,1,1-Trichloroetha	0.573	0.590	0.586	0.589	0.587	0.585	1.17
32)	T	Carbon tetrachlorid	0.545	0.553	0.558	0.568	0.568	0.558	1.75
33)	S	1,2-Dichloropropane	0.391	0.402	0.369	0.354	0.362	0.375	5.33
34)	T	Benzene	1.403	1.464	1.403	1.399	1.392	1.412	2.09
35)	T	Trichloroethene	0.399	0.404	0.396	0.398	0.400	0.400	0.73
36)	T	Methylcyclohexane	0.589	0.621	0.654	0.669	0.658	0.638	5.17
37)	S	Toluene-d8	1.374	1.353	1.323	1.284	1.300	1.327	2.79
38)	S	trans-1,3-Dichlorop	0.166	0.168	0.158	0.158	0.168	0.163	3.10
39)	S	2-Hexanone-d5	0.054	0.054	0.046	0.049	0.049	0.050	6.93
40)	T	1,2-Dichloropropane	0.327	0.337	0.312	0.309	0.311	0.319	3.83
41)	T	Bromodichloromethan	0.441	0.451	0.441	0.447	0.463	0.449	2.01
42)	T	cis-1,3-Dichloropro	0.443	0.496	0.496	0.507	0.537	0.496	6.83
43)	T	4-Methyl-2-pentanon	0.204	0.181	0.133	0.137	0.138	0.159	20.26
44)	T	Toluene	1.516	1.583	1.560	1.587	1.588	1.567	1.95
45)	T	trans-1,3-Dichlorop	0.381	0.420	0.416	0.430	0.453	0.420	6.19
46)	T	1,1,2-Trichloroetha	0.275	0.269	0.235	0.238	0.241	0.252	7.52
47)	T	Tetrachloroethene	0.362	0.378	0.358	0.355	0.358	0.362	2.55
48)	S	1,1,2,2-Tetrachloro	0.322	0.318	0.264	0.258	0.260	0.285	11.47
49)	T	2-Hexanone	0.099	0.105	0.088	0.092	0.093	0.095	7.11
50)	T	Dibromochloromethan	0.320	0.334	0.309	0.317	0.328	0.322	2.97
51)	T	1,2-Dibromoethane	0.268	0.266	0.229	0.233	0.239	0.247	7.63
52)	T	Chlorobenzene	1.051	1.076	1.022	1.029	1.037	1.043	2.04

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.662	1.749	1.774	1.795	1.804	1.757	3.27
54)	T	m,p-Xylene	0.639	0.662	0.677	0.707	0.700	0.677	4.09
55)	T	o-xylene	0.598	0.619	0.641	0.666	0.689	0.642	5.61
56)	T	Styrene	0.962	1.036	1.071	1.109	1.146	1.065	6.65
57)	T	Isopropylbenzene	1.619	1.700	1.774	1.844	1.858	1.759	5.70
58)	T	1,1,2,2-Tetrachloro	0.302	0.300	0.252	0.256	0.253	0.273	9.47
59)		1,2,3-Trichloroprop	0.222	0.227	0.177	0.179	0.179	0.197	12.88
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	S	1,2-Dichlorobenzene	1.031	0.986	0.868	0.861	0.869	0.923	8.62
62)	T	Bromoform	0.352	0.382	0.317	0.340	0.368	0.352	7.13
63)	T	1,3-Dichlorobenzene	1.652	1.715	1.561	1.619	1.599	1.629	3.59
64)	T	1,4-Dichlorobenzene	1.650	1.710	1.529	1.552	1.596	1.607	4.57
65)	T	1,2-Dichlorobenzene	1.434	1.561	1.340	1.358	1.387	1.416	6.27
66)	T	1,2-Dibromo-3-chlor	0.089	0.087	0.068	0.073	0.077	0.079	11.45
67)		1,3,5-Trichlorobenz	1.127	1.256	1.140	1.205	1.198	1.185	4.41
68)	T	1,2,4-trichlorobenz	0.839	0.899	0.869	0.973	0.968	0.910	6.51
69)		Naphthalene	1.124	1.307	1.237	1.365	1.498	1.306	10.69
70)	T	1,2,3-Trichlorobenz	0.790	0.845	0.729	0.797	0.840	0.800	5.84

(#) = Out of Range