Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
Method File : SOM2WLM120519S.M
Title : VOC Analysis
Last Update : Thu Dec 05 14:55:20 2019
Response Via : Initial Calibration

Calibration Files
2.5 =VW014210.D 5 =VW014211.D 25 =VW014212.D
50 =VW014213.D 100 =VW014214.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.255	0.225	0.253	0.215	0.241	0.238	7.39
3)	T	Chloromethane	0.268	0.249	0.220	0.200	0.258	0.239	11.84
4)	S	Vinyl Chloride-d3	0.389	0.362	0.404	0.348	0.389	0.379	6.05
5)	T	Vinyl chloride	0.380	0.355	0.379	0.316	0.340	0.354	7.61
6)	T	Bromomethane	0.229	0.221	0.235	0.196	0.210	0.218	7.13
7)	S	Chloroethane-d5	0.266	0.244	0.312	0.278	0.307	0.281	10.10
8)	T	Chloroethane	0.204	0.193	0.220	0.191	0.204	0.202	5.79
9)	T	Trichlorofluorometh	0.172	0.162	0.195	0.171	0.176	0.175	6.87
10)	S	1,1-Dichloroethene-	0.631	0.620	0.726	0.653	0.714	0.669	7.22
11)	T	1,1,2-Trichloro-1,2	0.340	0.322	0.360	0.308	0.320	0.330	6.10
12)	T	1,1-Dichloroethene	0.336	0.315	0.363	0.316	0.339	0.334	5.96
13)	T	Acetone	0.100	0.078	0.064	0.109	0.125	0.095	25.53
14)	T	Carbon disulfide	1.026	0.990	1.115	0.962	1.028	1.024	5.66
15)	T	Methyl Acetate	0.177	0.165	0.179	0.187	0.192	0.180	5.67
16)	T	Methylene chloride	0.437	0.386	0.391	0.343	0.360	0.383	9.32
17)	T	Methyl tert-butyl E	0.414	0.411	0.465	0.460	0.452	0.440	5.94
18)	T	trans-1,2-Dichloroe	0.360	0.341	0.381	0.345	0.361	0.358	4.51
19)	T	1,1-Dichloroethane	0.649	0.620	0.689	0.612	0.641	0.642	4.72
20)	S	2-Butanone-d5	0.074	0.071	0.104	0.119	0.125	0.099	25.37
21)		2-Butanone	0.114	0.105	0.114	0.146	0.159	0.128	18.18
22)	T	cis-1,2-Dichloroeth	0.370	0.347	0.408	0.378	0.399	0.380	6.45
23)	T	Bromochloromethane	0.173	0.173	0.184	0.170	0.176	0.175	2.96
24)	S	Chloroform-d	0.551	0.543	0.727	0.660	0.702	0.637	13.38
25)	T	Chloroform	0.630	0.610	0.669	0.593	0.619	0.624	4.53
26)	S	1,2-Dichloroethane-	0.303	0.277	0.371	0.350	0.368	0.334	12.47
27)	T	1,2-Dichloroethane	0.422	0.404	0.422	0.393	0.403	0.409	3.10
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.303	1.239	1.663	1.520	1.600	1.465	12.67
30)	T	Cyclohexane	0.571	0.564	0.706	0.629	0.650	0.624	9.42
31)	T	1,1,1-Trichloroetha	0.507	0.484	0.548	0.482	0.488	0.502	5.51
32)	T	Carbon tetrachlorid	0.489	0.456	0.512	0.455	0.470	0.476	5.10
33)	S	1,2-Dichloropropane	0.386	0.373	0.514	0.478	0.504	0.451	14.78
34)	T	Benzene	1.624	1.529	1.715	1.514	1.533	1.583	5.42
35)	T	Trichloroethene	0.420	0.386	0.432	0.387	0.401	0.405	5.02
36)	T	Methylcyclohexane	0.644	0.633	0.772	0.665	0.688	0.681	8.12
37)	S	Toluene-d8	1.122	1.074	1.539	1.407	1.483	1.325	16.09
38)	S	trans-1,3-Dichlorop	0.147	0.148	0.212	0.211	0.227	0.189	20.21
39)	S	2-Hexanone-d5	0.059	0.062	0.097	0.112	0.118	0.090	30.84
40)	T	1,2-Dichloropropane	0.412	0.399	0.433	0.395	0.395	0.407	4.00
41)	T	Bromodichloromethan	0.493	0.469	0.523	0.487	0.499	0.494	3.97
42)	T	cis-1,3-Dichloropro	0.551	0.545	0.662	0.630	0.657	0.609	9.35
43)	T	4-Methyl-2-pentanon	0.243	0.238	0.274	0.293	0.293	0.268	9.85
44)	T	Toluene	1.635	1.582	1.829	1.620	1.632	1.660	5.87
45)	T	trans-1,3-Dichlorop	0.459	0.442	0.527	0.507	0.529	0.493	8.11
46)	T	1,1,2-Trichloroetha	0.312	0.290	0.316	0.301	0.304	0.305	3.34
47)	T	Tetrachloroethene	0.347	0.321	0.368	0.321	0.332	0.338	5.91
48)	S	1,1,2,2-Tetrachloro	0.317	0.295	0.400	0.404	0.420	0.367	15.43
49)	T	2-Hexanone	0.165	0.152	0.185	0.220	0.232	0.191	18.06
50)	T	Dibromochloromethan	0.325	0.317	0.360	0.348	0.361	0.342	5.92
51)	T	1,2-Dibromoethane	0.286	0.270	0.296	0.291	0.300	0.289	4.11
52)	T	Chlorobenzene	1.100	1.046	1.140	1.023	1.054	1.073	4.40

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.735	1.685	2.010	1.775	1.799	1.801	6.94
54)	T	m,p-Xylene	0.652	0.638	0.775	0.687	0.711	0.693	7.84
55)	T	o-xylene	0.592	0.599	0.745	0.659	0.690	0.657	9.76
56)	T	Styrene	0.993	1.028	1.281	1.142	1.176	1.124	10.32
57)	T	Isopropylbenzene	1.575	1.567	1.939	1.697	1.750	1.706	8.93
58)	T	1,1,2,2-Tetrachloro	0.386	0.357	0.388	0.379	0.381	0.378	3.24
59)		1,2,3-Trichloroprop	0.287	0.271	0.284	0.279	0.285	0.281	2.29
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	S	1,2-Dichlorobenzene	0.841	0.775	1.077	1.005	1.078	0.955	14.59
62)	T	Bromoform	0.408	0.392	0.430	0.443	0.448	0.424	5.64
63)	T	1,3-Dichlorobenzene	1.656	1.614	1.819	1.634	1.678	1.680	4.84
64)	T	1,4-Dichlorobenzene	1.721	1.696	1.828	1.632	1.659	1.707	4.43
65)	T	1,2-Dichlorobenzene	1.515	1.530	1.696	1.535	1.536	1.563	4.81
66)	T	1,2-Dibromo-3-chlor	0.130	0.107	0.115	0.126	0.125	0.121	7.57
67)		1,3,5-Trichlorobenz	1.137	1.157	1.350	1.191	1.210	1.209	6.93
68)	T	1,2,4-trichlorobenz	0.755	0.832	1.097	1.004	1.024	0.942	15.16
69)		Naphthalene	1.187	1.330	2.035	2.154	2.156	1.772	26.76
70)	T	1,2,3-Trichlorobenz	0.743	0.808	1.029	0.922	0.918	0.884	12.54

(#) = Out of Range