Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
Method File : SOM2WLM011821S.M
Title : VOC Analysis
Last Update : Mon Jan 18 12:12:37 2021
Response Via : Initial Calibration

Calibration Files
2.5 =VW017918.D 5 =VW017919.D 25 =VW017920.D 50 =VW017921.D 100 =VW017922.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.289	0.291	0.317	0.311	0.306	0.303	4.13
3)	T	Chloromethane	0.313	0.273	0.245	0.263	0.274	0.274	9.16
4)	S	Vinyl Chloride-d3	0.417	0.433	0.391	0.363	0.358	0.392	8.40
5)	T	Vinyl chloride	0.428	0.421	0.427	0.420	0.390	0.417	3.70
6)	T	Bromomethane	0.325	0.358	0.314	0.373	0.306	0.335	8.64
7)	S	Chloroethane-d5	0.334	0.348	0.318	0.319	0.302	0.324	5.42
8)	T	Chloroethane	0.260	0.265	0.262	0.263	0.245	0.259	3.13
9)	T	Trichlorofluorom...	0.309	0.296	0.322	0.322	0.332	0.316	4.46
10)	S	1,1-Dichloroethe...	0.735	0.773	0.715	0.669	0.653	0.709	6.93
11)	T	1,1,2-Trichloro-...	0.371	0.363	0.339	0.341	0.325	0.348	5.44
12)	T	1,1-Dichloroethene	0.340	0.326	0.334	0.329	0.311	0.328	3.37
13)	T	Acetone	0.078	0.061	0.069	0.061	0.065	0.067	10.87
14)	T	Carbon disulfide	1.026	1.000	1.035	1.037	0.980	1.015	2.44
15)	T	Methyl Acetate	0.167	0.153	0.179	0.155	0.160	0.163	6.45
16)	T	Methylene chloride	0.468	0.384	0.334	0.323	0.302	0.362	18.35
17)	T	Methyl tert-buty...	0.462	0.448	0.454	0.427	0.417	0.442	4.24
18)	T	trans-1,2-Dichlo...	0.364	0.362	0.359	0.354	0.336	0.355	3.10
19)	T	1,1-Dichloroethane	0.616	0.604	0.602	0.604	0.579	0.601	2.20
20)	S	2-Butanone-d5	0.086	0.087	0.111	0.090	0.100	0.095	11.16
21)		2-Butanone	0.105	0.090	0.121	0.099	0.105	0.104	10.96
22)	T	cis-1,2-Dichloro...	0.395	0.373	0.362	0.372	0.356	0.372	3.94
23)	T	Bromochloromethane	0.171	0.170	0.167	0.171	0.166	0.169	1.27
24)	S	Chloroform-d	0.697	0.714	0.688	0.654	0.658	0.682	3.80
25)	T	Chloroform	0.678	0.652	0.633	0.636	0.604	0.641	4.27
26)	S	1,2-Dichloroetha...	0.389	0.408	0.401	0.362	0.369	0.386	5.10
27)	T	1,2-Dichloroethane	0.448	0.449	0.451	0.443	0.419	0.442	2.92
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.464	1.559	1.415	1.352	1.364	1.431	5.89
30)	T	Cyclohexane	0.647	0.607	0.618	0.617	0.582	0.614	3.81
31)	T	1,1,1-Trichloroe...	0.607	0.591	0.580	0.580	0.554	0.583	3.31
32)	T	Carbon tetrachlo...	0.565	0.539	0.555	0.572	0.554	0.557	2.21
33)	S	1,2-Dichloroprop...	0.416	0.439	0.405	0.385	0.391	0.407	5.25
34)	T	Benzene	1.555	1.519	1.455	1.472	1.389	1.478	4.31
35)	T	Trichloroethene	0.423	0.419	0.399	0.401	0.391	0.407	3.41
36)	T	Methylcyclohexane	0.735	0.709	0.712	0.710	0.672	0.708	3.19
37)	S	Toluene-d8	1.349	1.415	1.351	1.298	1.304	1.343	3.50
38)	S	trans-1,3-Dichlo...	0.165	0.181	0.194	0.189	0.201	0.186	7.43
39)	S	2-Hexanone-d5	0.059	0.066	0.087	0.074	0.080	0.073	15.22
40)	T	1,2-Dichloropropane	0.377	0.371	0.350	0.352	0.339	0.358	4.34
41)	T	Bromodichloromet...	0.490	0.484	0.492	0.504	0.498	0.493	1.57
42)	T	cis-1,3-Dichloro...	0.532	0.551	0.572	0.600	0.587	0.568	4.77
43)	T	4-Methyl-2-penta...	0.218	0.218	0.276	0.244	0.247	0.240	10.01
44)	T	Toluene	1.698	1.653	1.620	1.631	1.565	1.634	2.98
45)	T	trans-1,3-Dichlo...	0.439	0.468	0.516	0.529	0.532	0.497	8.31
46)	T	1,1,2-Trichloroe...	0.294	0.280	0.299	0.287	0.280	0.288	2.93
47)	T	Tetrachloroethene	0.336	0.330	0.316	0.321	0.295	0.320	4.93
48)	S	1,1,2,2-Tetrachl...	0.342	0.363	0.401	0.345	0.360	0.362	6.54
49)	T	2-Hexanone	0.130	0.150	0.195	0.173	0.172	0.164	15.19
50)	T	Dibromochloromet...	0.329	0.333	0.346	0.356	0.355	0.344	3.61
51)	T	1,2-Dibromoethane	0.282	0.279	0.298	0.297	0.292	0.289	2.96
52)	T	Chlorobenzene	1.097	1.094	1.019	1.053	1.002	1.053	4.08
53)	T	Ethylbenzene	1.886	1.859	1.850	1.867	1.762	1.845	2.61
54)	T	m,p-Xylene	0.744	0.715	0.699	0.718	0.693	0.714	2.79
55)	T	o-xylene	0.666	0.659	0.661	0.681	0.641	0.661	2.19
56)	T	Styrene	1.094	1.112	1.125	1.149	1.125	1.121	1.80

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57)	T	Isopropylbenzene	1.884	1.817	1.828	1.874	1.792	1.839	2.12
58)	T	1,1,2,2-Tetrachl...	0.357	0.338	0.384	0.351	0.347	0.355	4.87
59)		1,2,3-Trichlorop...	0.270	0.258	0.291	0.265	0.259	0.269	4.95
60)	I	1,4-Dichlorobenzen...	----------ISTD----------						
61)	S	1,2-Dichlorobenz...	0.883	0.885	0.872	0.844	0.866	0.870	1.88
62)	T	Bromoform	0.311	0.308	0.366	0.388	0.410	0.357	12.83
63)	T	1,3-Dichlorobenzene	1.679	1.521	1.545	1.564	1.518	1.565	4.23
64)	T	1,4-Dichlorobenzene	1.687	1.617	1.513	1.543	1.507	1.573	4.90
65)	T	1,2-Dichlorobenzene	1.472	1.423	1.434	1.387	1.332	1.410	3.75
66)	T	1,2-Dibromo-3-ch...	0.114	0.100	0.132	0.122	0.123	0.118	10.03
67)		1,3,5-Trichlorob...	1.152	1.103	1.117	1.064	1.033	1.094	4.22
68)	T	1,2,4-trichlorob...	0.947	0.982	0.925	0.938	0.877	0.934	4.06
69)		Naphthalene	1.853	1.790	2.194	2.086	2.067	1.998	8.51
70)	T	1,2,3-Trichlorob...	0.838	0.813	0.826	0.786	0.806	0.814	2.43

(#) = Out of Range