Response Factor Report MSVOA_V

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
Method File : SFAMVLM102821WMA.M
Title : VOC Analysis
Last Update : Fri Oct 29 01:52:27 2021
Response Via : Initial Calibration

Calibration Files
5 =VV023076.D 10 =VV023077.D 50 =VV023078.D 100 =VV023079.D 200 =VV023080.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.497	0.503	0.485	0.442	0.450	0.475	5.80
3)	T	Chloromethane	0.473	0.492	0.445	0.414	0.417	0.448	7.58
4)	S	Vinyl Chloride-d3	0.356	0.359	0.336	0.331	0.340	0.345	3.56
5)	T	Vinyl chloride	0.455	0.475	0.453	0.424	0.433	0.448	4.40
6)	T	Bromomethane	0.277	0.287	0.249	0.223	0.222	0.252	12.01
7)	S	Chloroethane-d5	0.288	0.301	0.260	0.261	0.234	0.269	9.89
8)	T	Chloroethane	0.298	0.299	0.271	0.252	0.244	0.273	9.26
9)	T	Trichlorofluorom...	0.715	0.731	0.683	0.629	0.641	0.680	6.56
10)	T	1,1,2-Trichloro-...	0.385	0.382	0.366	0.335	0.337	0.361	6.60
11)	S	1,1-Dichloroethe...	0.681	0.684	0.639	0.623	0.636	0.653	4.25
12)	T	1,1-Dichloroethene	0.347	0.365	0.331	0.312	0.320	0.335	6.34
13)	T	Acetone	0.283	0.267	0.266	0.235	0.230	0.256	8.83
14)	T	Carbon disulfide	0.990	1.056	1.010	0.961	0.991	1.002	3.50
15)	T	Methyl Acetate	0.430	0.439	0.425	0.413	0.417	0.425	2.47
16)	T	Methylene chloride	0.456	0.462	0.426	0.399	0.402	0.429	6.83
17)	T	trans-1,2-Dichlo...	0.376	0.399	0.390	0.369	0.377	0.382	3.20
18)	T	Methyl tert-buty...	1.052	1.136	1.184	1.158	1.209	1.148	5.27
19)	T	1,1-Dichloroethane	0.709	0.772	0.717	0.675	0.687	0.712	5.27
20)	T	cis-1,2-Dichloro...	0.372	0.411	0.423	0.411	0.425	0.409	5.25
21)	S	2-Butanone-d5	0.231	0.243	0.258	0.277	0.281	0.258	8.34
22)	T	2-Butanone	0.254	0.267	0.314	0.311	0.311	0.292	9.75
23)	T	Bromochloromethane	0.229	0.243	0.232	0.222	0.225	0.230	3.40
24)	S	Chloroform-d	0.709	0.768	0.720	0.709	0.716	0.724	3.40
25)	T	Chloroform	0.729	0.775	0.748	0.698	0.711	0.732	4.17
26)	S	1,2-Dichloroetha...	0.413	0.437	0.428	0.428	0.438	0.429	2.39
27)	T	1,2-Dichloroethane	0.550	0.573	0.558	0.528	0.540	0.550	3.13
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.502	0.550	0.622	0.620	0.625	0.584	9.50
30)	T	1,1,1-Trichloroe...	0.661	0.701	0.671	0.649	0.650	0.666	3.20
31)	T	Carbon tetrachlo...	0.594	0.628	0.606	0.583	0.583	0.599	3.15
32)	S	Benzene-d6	1.281	1.377	1.396	1.400	1.395	1.370	3.69
33)	T	Benzene	1.463	1.569	1.635	1.562	1.559	1.558	3.93
34)	T	Trichloroethene	0.406	0.411	0.408	0.402	0.408	0.407	0.81
35)	T	Methylcyclohexane	0.561	0.605	0.677	0.661	0.669	0.634	7.87
36)	S	1,2-Dichloroprop...	0.417	0.451	0.432	0.443	0.437	0.436	2.97
37)	T	1,2-Dichloropropane	0.403	0.416	0.422	0.404	0.402	0.409	2.18
38)	T	Bromodichloromet...	0.539	0.575	0.557	0.547	0.551	0.554	2.47
39)	T	cis-1,3-Dichloro...	0.525	0.593	0.655	0.656	0.675	0.621	10.00
40)	T	4-Methyl-2-penta...	0.439	0.512	0.562	0.572	0.555	0.528	10.43
41)	S	Toluene-d8	1.105	1.245	1.294	1.307	1.298	1.250	6.76
42)	T	Toluene	1.467	1.691	1.781	1.703	1.693	1.667	7.08
43)	S	trans-1,3-Dichlo...	0.183	0.197	0.215	0.222	0.228	0.209	8.88
44)	T	trans-1,3-Dichlo...	0.510	0.565	0.639	0.639	0.656	0.602	10.33
45)	T	1,1,2-Trichloroe...	0.413	0.447	0.423	0.406	0.400	0.418	4.39
46)	T	Tetrachloroethene	0.343	0.370	0.360	0.340	0.342	0.351	3.85
47)	S	2-Hexanone-d5	0.137	0.171	0.199	0.222	0.219	0.189	18.96
48)	T	2-Hexanone	0.351	0.388	0.459	0.459	0.439	0.419	11.44
49)	T	Dibromochloromet...	0.464	0.484	0.486	0.478	0.477	0.478	1.85
50)	T	1,2-Dibromoethane	0.420	0.459	0.447	0.436	0.439	0.440	3.20
51)	T	Chlorobenzene	1.093	1.180	1.146	1.104	1.108	1.126	3.21
52)	T	Ethylbenzene	1.542	1.750	1.876	1.844	1.857	1.774	7.81
53)	T	m,p-Xylene	0.580	0.651	0.743	0.719	0.725	0.684	9.86
54)	T	o-Xylene	0.564	0.637	0.723	0.702	0.702	0.665	9.78
55)	T	Styrene	0.930	1.094	1.286	1.247	1.227	1.157	12.59

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56)	S	1,1,2,2-Tetrachl...	0.636	0.658	0.632	0.643	0.618	0.637	2.30
57)	T	1,1,2,2-Tetrachl...	0.656	0.715	0.677	0.650	0.635	0.667	4.61
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.611	0.641	0.636	0.629	0.646	0.632	2.11
60)		Isopropylbenzene	2.798	3.127	3.401	3.286	3.360	3.194	7.67
61)		1,2,3-Trichlorop...	0.950	0.997	0.941	0.901	0.895	0.937	4.41
62)		1,3,5-Trimethylb...	2.147	2.423	2.850	2.825	2.908	2.631	12.61
63)		1,2,4-Trimethylb...	2.095	2.394	2.907	2.876	2.934	2.641	14.31
64)	T	1,3-Dichlorobenzene	1.527	1.635	1.681	1.600	1.630	1.615	3.51
65)	T	1,4-Dichlorobenzene	1.673	1.754	1.708	1.633	1.641	1.682	2.97
66)	S	1,2-Dichlorobenz...	0.985	0.974	0.941	0.951	0.970	0.964	1.87
67)	T	1,2-Dichlorobenzene	1.594	1.689	1.664	1.602	1.615	1.633	2.55
68)	T	1,2-Dibromo-3-ch...	0.259	0.255	0.255	0.265	0.274	0.262	3.04
69)		1,3,5-Trichlorob...	1.144	1.202	1.246	1.225	1.290	1.221	4.42
70)	T	1,2,4-trichlorob...	0.901	0.989	1.095	1.111	1.196	1.059	10.84
71)		Naphthalene	2.639	2.934	3.653	3.846	3.921	3.399	16.97
72)	T	1,2,3-Trichlorob...	0.978	1.089	1.164	1.166	1.198	1.119	7.89

(#) = Out of Range