Response Factor Report GCVOA_Y

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\
Method File : SOM2YLM122320S.M
Title : VOC Analysis
Last Update : Wed Dec 23 17:19:24 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VY003838.D 5 =VY003839.D 25 =VY003840.D
50 =VY003841.D 100 =VY003842.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.458	0.585	0.441	0.430	0.371	0.457	17.25
3)	T	Chloromethane	0.445	0.556	0.407	0.399	0.354	0.432	17.69
4)	S	Vinyl Chloride-d3	0.449	0.535	0.370	0.366	0.334	0.411	19.80
5)	T	Vinyl chloride	0.456	0.598	0.439	0.440	0.382	0.463	17.38
6)	T	Bromomethane	0.233	0.322	0.239	0.229	0.199	0.244	18.84
7)	S	Chloroethane-d5	0.240	0.339	0.251	0.215	0.187	0.246	23.33
8)	T	Chloroethane	0.187	0.282	0.234	0.186	0.156	0.209	23.63
9)	T	Trichlorofluorometh	0.604	0.677	0.603	0.595	0.473	0.590	12.46
10)	S	1,1-Dichloroethene-	0.727	0.568	0.639	0.631	0.590	0.631	9.69
11)	T	1,1,2-Trichloro-1,2	0.358	0.295	0.359	0.351	0.317	0.336	8.53
12)	T	1,1-Dichloroethene	0.375	0.282	0.350	0.342	0.315	0.333	10.67
13)	T	Acetone	0.098	0.064	0.081	0.083	0.076	0.080	15.32
14)	T	Carbon disulfide	1.171	0.825	1.163	1.126	1.027	1.062	13.59
15)	T	Methyl Acetate	0.223	0.130	0.197	0.204	0.189	0.189	18.62
16)	T	Methylene chloride	0.633	0.375	0.398	0.375	0.339	0.424	27.97
17)	T	Methyl tert-butyl E	0.928	0.772	0.921	0.943	0.879	0.888	7.79
18)	T	trans-1,2-Dichloroe	0.389	0.301	0.382	0.378	0.344	0.359	10.22
19)	T	1,1-Dichloroethane	0.596	0.430	0.582	0.571	0.525	0.541	12.46
20)	S	2-Butanone-d5	0.129	0.081	0.119	0.126	0.120	0.115	16.88
21)		2-Butanone	0.154	0.088	0.131	0.137	0.127	0.127	19.14
22)	T	cis-1,2-Dichloroeth	0.402	0.330	0.408	0.404	0.373	0.384	8.56
23)	T	Bromochloromethane	0.209	0.190	0.184	0.206	0.185	0.195	6.22
24)	S	Chloroform-d	0.721	0.593	0.557	0.651	0.610	0.627	10.05
25)	T	Chloroform	0.657	0.572	0.538	0.622	0.570	0.592	7.98
26)	S	1,2-Dichloroethane-	0.410	0.384	0.363	0.374	0.351	0.376	5.98
27)	T	1,2-Dichloroethane	0.420	0.440	0.426	0.429	0.395	0.422	3.96
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.663	0.918	1.473	1.475	1.377	1.381	20.20
30)	T	Cyclohexane	0.566	0.286	0.554	0.591	0.539	0.507	24.66
31)	T	1,1,1-Trichloroetha	0.638	0.471	0.613	0.611	0.560	0.578	11.47
32)	T	Carbon tetrachlorid	0.592	0.466	0.575	0.570	0.519	0.545	9.45
33)	S	1,2-Dichloropropane	0.440	0.333	0.412	0.407	0.384	0.395	10.14
34)	T	Benzene	1.613	0.965	1.586	1.555	1.418	1.427	18.87
35)	T	Trichloroethene	0.422	0.336	0.421	0.412	0.378	0.394	9.43
36)	T	Methylcyclohexane	0.666	0.585	0.707	0.703	0.641	0.660	7.61
37)	S	Toluene-d8	1.526	1.370	1.424	1.195	1.327	1.368	8.91
38)	S	trans-1,3-Dichlorop	0.236	0.209	0.219	0.219	0.215	0.220	4.52
39)	S	2-Hexanone-d5	0.113	0.105	0.108	0.118	0.113	0.111	4.50
40)	T	1,2-Dichloropropane	0.377	0.313	0.369	0.362	0.333	0.351	7.61
41)	T	Bromodichloromethan	0.514	0.476	0.499	0.506	0.467	0.493	4.03
42)	T	cis-1,3-Dichloropro	0.626	0.578	0.628	0.551	0.535	0.584	7.28
43)	T	4-Methyl-2-pentanon	0.292	0.299	0.307	0.240	0.264	0.280	9.85
44)	T	Toluene	1.716	1.702	1.778	1.536	1.602	1.667	5.79
45)	T	trans-1,3-Dichlorop	0.566	0.555	0.580	0.591	0.545	0.567	3.24
46)	T	1,1,2-Trichloroetha	0.339	0.335	0.339	0.334	0.308	0.331	3.94
47)	T	Tetrachloroethene	0.378	0.369	0.372	0.360	0.332	0.362	4.91
48)	S	1,1,2,2-Tetrachloro	0.440	0.394	0.370	0.413	0.380	0.399	6.99
49)	T	2-Hexanone	0.213	0.205	0.222	0.230	0.215	0.217	4.45
50)	T	Dibromochloromethan	0.423	0.400	0.417	0.416	0.389	0.409	3.38
51)	T	1,2-Dibromoethane	0.339	0.330	0.328	0.336	0.308	0.328	3.74
52)	T	Chlorobenzene	1.203	1.143	1.170	1.136	1.036	1.137	5.52

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.815	1.819	1.918	1.894	1.735	1.836	3.96
54)	T	m,p-Xylene	0.632	0.738	0.772	0.756	0.674	0.714	8.29
55)	T	o-xylene	0.698	0.687	0.731	0.721	0.667	0.701	3.68
56)	T	Styrene	1.150	1.136	1.274	1.254	1.156	1.194	5.43
57)	T	Isopropylbenzene	1.787	1.650	1.933	1.902	1.749	1.804	6.41
58)	T	1,1,2,2-Tetrachloro	0.393	0.394	0.345	0.389	0.350	0.374	6.59
59)		1,2,3-Trichloroprop	0.332	0.321	0.283	0.313	0.283	0.307	7.27
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	S	1,2-Dichlorobenzene	1.131	0.988	1.016	0.981	0.942	1.012	7.09
62)	T	Bromoform	0.512	0.479	0.535	0.533	0.606	0.533	8.77
63)	T	1,3-Dichlorobenzene	1.758	1.696	1.708	1.666	1.559	1.678	4.41
64)	T	1,4-Dichlorobenzene	1.888	1.741	1.778	1.673	1.557	1.727	7.13
65)	T	1,2-Dichlorobenzene	1.704	1.537	1.650	1.558	1.431	1.576	6.72
66)	T	1,2-Dibromo-3-chlor	0.164	0.132	0.132	0.134	0.124	0.137	11.17
67)		1,3,5-Trichlorobenz	1.291	1.234	1.298	1.196	1.139	1.232	5.44
68)	T	1,2,4-trichlorobenz	1.063	1.032	1.106	1.035	1.139	1.075	4.34
69)		Naphthalene	2.187	2.133	2.407	2.404	2.693	2.365	9.37
70)	T	1,2,3-Trichlorobenz	0.941	0.928	0.983	0.932	1.027	0.962	4.39

(#) = Out of Range