Response Factor Report GCVOA_Y

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\
Method File : SOM2YLM111920S.M
Title : VOC Analysis
Last Update : Thu Nov 19 13:06:43 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VY003541.D 5 =VY003542.D 25 =VY003543.D
50 =VY003544.D 100 =VY003545.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.122	0.117	0.132	0.136	0.155	0.132	11.00
3)	T	Chloromethane	0.303	0.277	0.276	0.263	0.275	0.279	5.34
4)	S	Vinyl Chloride-d3	0.333	0.345	0.242	0.223	0.235	0.276	21.16
5)	T	Vinyl chloride	0.319	0.314	0.351	0.342	0.339	0.333	4.75
6)	T	Bromomethane	0.262	0.261	0.256	0.255	0.258	0.259	1.15
7)	S	Chloroethane-d5	0.321	0.295	0.221	0.212	0.229	0.256	19.17
8)	T	Chloroethane	0.234	0.232	0.223	0.218	0.223	0.226	2.92
9)	T	Trichlorofluorometh	0.305	0.305	0.332	0.320	0.334	0.319	4.37
10)	S	1,1-Dichloroethene-	0.816	0.780	0.632	0.582	0.596	0.681	16.01
11)	T	1,1,2-Trichloro-1,2	0.365	0.329	0.331	0.319	0.312	0.331	6.17
12)	T	1,1-Dichloroethene	0.344	0.351	0.354	0.343	0.339	0.346	1.86
13)	T	Acetone	0.123	0.106	0.093	0.090	0.087	0.100	14.78
14)	T	Carbon disulfide	1.188	1.149	1.184	1.115	1.100	1.147	3.45
15)	T	Methyl Acetate	0.275	0.262	0.252	0.240	0.236	0.253	6.36
16)	T	Methylene chloride	0.603	0.465	0.379	0.353	0.342	0.429	25.39
17)	T	Methyl tert-butyl E	0.545	0.542	0.560	0.534	0.524	0.541	2.50
18)	T	trans-1,2-Dichloroe	0.381	0.368	0.370	0.357	0.349	0.365	3.33
19)	T	1,1-Dichloroethane	0.628	0.623	0.635	0.603	0.594	0.616	2.84
20)	S	2-Butanone-d5	0.139	0.143	0.142	0.131	0.139	0.139	3.25
21)		2-Butanone	0.196	0.168	0.165	0.157	0.154	0.168	10.06
22)	T	cis-1,2-Dichloroeth	0.376	0.379	0.387	0.367	0.365	0.375	2.40
23)	T	Bromochloromethane	0.187	0.187	0.185	0.175	0.173	0.181	3.79
24)	S	Chloroform-d	0.719	0.688	0.618	0.564	0.588	0.635	10.38
25)	T	Chloroform	0.637	0.630	0.625	0.589	0.583	0.613	4.06
26)	S	1,2-Dichloroethane-	0.419	0.379	0.344	0.310	0.329	0.356	12.11
27)	T	1,2-Dichloroethane	0.422	0.432	0.423	0.401	0.392	0.414	4.00
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.661	1.601	1.405	1.286	1.330	1.457	11.41
30)	T	Cyclohexane	0.585	0.571	0.632	0.626	0.625	0.608	4.55
31)	T	1,1,1-Trichloroetha	0.562	0.550	0.549	0.538	0.521	0.544	2.88
32)	T	Carbon tetrachlorid	0.535	0.511	0.522	0.508	0.509	0.517	2.22
33)	S	1,2-Dichloropropane	0.474	0.454	0.421	0.385	0.401	0.427	8.56
34)	T	Benzene	1.647	1.624	1.593	1.529	1.492	1.577	4.12
35)	T	Trichloroethene	0.430	0.399	0.401	0.386	0.381	0.399	4.77
36)	T	Methylcyclohexane	0.613	0.607	0.631	0.623	0.646	0.624	2.47
37)	S	Toluene-d8	1.441	1.379	1.292	1.183	1.229	1.305	8.12
38)	S	trans-1,3-Dichlorop	0.235	0.223	0.209	0.195	0.204	0.213	7.54
39)	S	2-Hexanone-d5	0.106	0.107	0.113	0.111	0.118	0.111	4.17
40)	T	1,2-Dichloropropane	0.404	0.398	0.393	0.379	0.371	0.389	3.56
41)	T	Bromodichloromethan	0.503	0.499	0.506	0.486	0.487	0.496	1.85
42)	T	cis-1,3-Dichloropro	0.591	0.609	0.636	0.614	0.615	0.613	2.65
43)	T	4-Methyl-2-pentanon	0.310	0.309	0.337	0.334	0.336	0.325	4.42
44)	T	Toluene	1.671	1.695	1.707	1.636	1.602	1.662	2.59
45)	T	trans-1,3-Dichlorop	0.562	0.556	0.577	0.566	0.563	0.565	1.37
46)	T	1,1,2-Trichloroetha	0.311	0.320	0.317	0.305	0.301	0.311	2.58
47)	T	Tetrachloroethene	0.356	0.348	0.362	0.339	0.331	0.347	3.59
48)	S	1,1,2,2-Tetrachloro	0.401	0.374	0.376	0.351	0.358	0.372	5.15
49)	T	2-Hexanone	0.245	0.257	0.267	0.257	0.260	0.257	3.11
50)	T	Dibromochloromethan	0.377	0.375	0.380	0.372	0.369	0.375	1.12
51)	T	1,2-Dibromoethane	0.309	0.313	0.317	0.306	0.304	0.310	1.66
52)	T	Chlorobenzene	1.099	1.092	1.083	1.032	1.003	1.062	3.97

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.669	1.682	1.779	1.713	1.694	1.707	2.52
54)	T	m,p-Xylene	0.642	0.637	0.686	0.668	0.653	0.657	3.02
55)	T	o-xylene	0.516	0.531	0.584	0.561	0.551	0.549	4.81
56)	T	Styrene	0.983	1.054	1.132	1.108	1.094	1.074	5.42
57)	T	Isopropylbenzene	1.217	1.194	1.324	1.255	1.219	1.242	4.10
58)	T	1,1,2,2-Tetrachloro	0.384	0.355	0.374	0.364	0.355	0.367	3.45
59)		1,2,3-Trichloroprop	0.293	0.293	0.289	0.279	0.272	0.285	3.28
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	S	1,2-Dichlorobenzene	0.918	0.829	0.801	0.721	0.767	0.807	9.16
62)	T	Bromoform	0.516	0.515	0.514	0.490	0.503	0.507	2.12
63)	T	1,3-Dichlorobenzene	1.661	1.635	1.622	1.490	1.480	1.578	5.43
64)	T	1,4-Dichlorobenzene	1.779	1.697	1.629	1.513	1.504	1.624	7.30
65)	T	1,2-Dichlorobenzene	1.344	1.337	1.331	1.249	1.235	1.299	4.04
66)	T	1,2-Dibromo-3-chlor	0.125	0.111	0.108	0.106	0.102	0.111	7.99
67)		1,3,5-Trichlorobenz	0.875	0.850	0.860	0.810	0.790	0.837	4.30
68)	T	1,2,4-trichlorobenz	0.714	0.690	0.745	0.722	0.734	0.721	2.87
69)		Naphthalene	1.189	1.161	1.342	1.313	1.354	1.272	7.09
70)	T	1,2,3-Trichlorobenz	0.550	0.560	0.553	0.531	0.530	0.545	2.51

(#) = Out of Range