Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : SFAMYLM120721SMA.M
Title : VOC Analysis
Last Update : Wed Dec 08 02:54:31 2021
Response Via : Initial Calibration

Calibration Files
2.5 =VY006997.D 5 =VY006992.D 25 =VY006999.D 50 =VY006994.D 100 =VY006995.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.182	0.160	0.157	0.166	0.185	0.170	7.59
3)	T	Chloromethane	0.487	0.462	0.383	0.388	0.390	0.422	11.51
4)	S	Vinyl Chloride-d3	0.532	0.525	0.581	0.575	0.597	0.562	5.67
5)	T	Vinyl chloride	0.695	0.702	0.676	0.657	0.642	0.674	3.74
6)	T	Bromomethane	0.379	0.426	0.398	0.390	0.385	0.396	4.72
7)	S	Chloroethane-d5	0.433	0.427	0.424	0.425	0.439	0.430	1.51
8)	T	Chloroethane	0.381	0.405	0.406	0.382	0.386	0.392	3.16
9)	T	Trichlorofluorom...	0.362	0.419	0.440	0.437	0.487	0.429	10.49
10)	T	1,1,2-Trichloro-...	0.351	0.367	0.366	0.363	0.374	0.364	2.26
11)	S	1,1-Dichloroethe...	0.879	0.852	0.834	0.846	0.924	0.867	4.12
12)	T	1,1-Dichloroethene	0.370	0.365	0.369	0.373	0.387	0.373	2.22
13)	T	Acetone	0.169	0.154	0.140	0.124	0.116	0.141	15.39
14)	T	Carbon disulfide	1.140	1.203	1.218	1.200	1.215	1.195	2.67
15)	T	Methyl Acetate	0.289	0.312	0.313	0.293	0.263	0.294	7.01
16)	T	Methylene chloride	0.642	0.651	0.466	0.427	0.418	0.521	22.30
17)	T	trans-1,2-Dichlo...	0.355	0.380	0.404	0.396	0.406	0.388	5.46
18)	T	Methyl tert-buty...	0.720	0.771	0.809	0.765	0.732	0.759	4.63
19)	T	1,1-Dichloroethane	0.804	0.820	0.821	0.817	0.831	0.819	1.20
20)	T	cis-1,2-Dichloro...	0.408	0.421	0.430	0.436	0.443	0.428	3.17
21)	S	2-Butanone-d5	0.183	0.171	0.162	0.153	0.145	0.163	9.08
22)	T	2-Butanone	0.202	0.202	0.211	0.194	0.180	0.198	5.87
23)	T	Bromochloromethane	0.180	0.191	0.193	0.184	0.187	0.187	2.73
24)	S	Chloroform-d	0.852	0.810	0.736	0.761	0.804	0.793	5.72
25)	T	Chloroform	0.754	0.806	0.787	0.778	0.805	0.786	2.76
26)	S	1,2-Dichloroetha...	0.540	0.482	0.442	0.448	0.460	0.475	8.38
27)	T	1,2-Dichloroethane	0.555	0.561	0.582	0.560	0.543	0.560	2.55
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.681	0.737	0.819	0.814	0.845	0.779	8.74
30)	T	1,1,1-Trichloroe...	0.685	0.680	0.699	0.674	0.685	0.684	1.36
31)	T	Carbon tetrachlo...	0.617	0.610	0.634	0.617	0.636	0.623	1.87
32)	S	Benzene-d6	1.781	1.612	1.530	1.559	1.689	1.634	6.24
33)	T	Benzene	1.765	1.801	1.903	1.865	1.936	1.854	3.82
34)	T	Trichloroethene	0.434	0.436	0.454	0.450	0.466	0.448	2.93
35)	T	Methylcyclohexane	0.732	0.725	0.803	0.808	0.844	0.782	6.58
36)	S	1,2-Dichloroprop...	0.608	0.566	0.518	0.514	0.548	0.551	7.01
37)	T	1,2-Dichloropropane	0.498	0.504	0.532	0.506	0.522	0.512	2.76
38)	T	Bromodichloromet...	0.638	0.617	0.654	0.633	0.636	0.635	2.09
39)	T	cis-1,3-Dichloro...	0.743	0.736	0.795	0.785	0.811	0.774	4.25
40)	T	4-Methyl-2-penta...	0.435	0.435	0.510	0.466	0.427	0.455	7.52
41)	S	Toluene-d8	1.611	1.493	1.406	1.447	1.586	1.508	5.84
42)	T	Toluene	1.841	1.835	2.030	1.995	2.091	1.958	5.88
43)	S	trans-1,3-Dichlo...	0.280	0.249	0.245	0.245	0.255	0.255	5.74
44)	T	trans-1,3-Dichlo...	0.682	0.675	0.757	0.736	0.738	0.717	5.12
45)	T	1,1,2-Trichloroe...	0.357	0.367	0.379	0.357	0.356	0.363	2.68
46)	T	Tetrachloroethene	0.341	0.333	0.345	0.341	0.360	0.344	2.88
47)	S	2-Hexanone-d5	0.138	0.124	0.132	0.124	0.116	0.127	6.53
48)	T	2-Hexanone	0.283	0.289	0.361	0.320	0.299	0.310	10.22
49)	T	Dibromochloromet...	0.393	0.413	0.436	0.418	0.418	0.416	3.71
50)	T	1,2-Dibromoethane	0.341	0.331	0.362	0.338	0.330	0.341	3.82
51)	T	Chlorobenzene	1.105	1.133	1.190	1.159	1.215	1.160	3.75
52)	T	Ethylbenzene	1.907	1.936	2.175	2.183	2.551	2.150	12.01
53)	T	m,p-Xylene	0.708	0.713	0.809	0.797	0.932	0.792	11.49
54)	T	o-Xylene	0.639	0.671	0.775	0.773	0.891	0.750	13.30
55)	T	Styrene	1.111	1.153	1.376	1.387	1.579	1.321	14.45
56)	S	1,1,2,2-Tetrachl...	0.535	0.474	0.459	0.434	0.457	0.472	8.11

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57)	T	1,1,2,2-Tetrachl...	0.467	0.474	0.514	0.477	0.481	0.483	3.75
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.510	0.504	0.446	0.544	0.562	0.513	8.73
60)		Isopropylbenzene	3.642	3.624	3.304	4.171	4.402	3.828	11.66
61)		1,2,3-Trichlorop...	0.804	0.755	0.625	0.716	0.633	0.707	10.94
62)		1,3,5-Trimethylb...	2.868	2.866	2.698	3.420	3.527	3.076	12.07
63)		1,2,4-Trimethylb...	2.787	2.909	3.111	3.384	3.725	3.183	11.87
64)	T	1,3-Dichlorobenzene	1.752	1.694	1.783	1.750	1.816	1.759	2.58
65)	T	1,4-Dichlorobenzene	1.807	1.703	1.791	1.770	1.792	1.773	2.32
66)	S	1,2-Dichlorobenz...	1.131	0.990	0.840	0.902	0.943	0.961	11.42
67)	T	1,2-Dichlorobenzene	1.603	1.541	1.566	1.653	1.616	1.596	2.73
68)	T	1,2-Dibromo-3-ch...	0.232	0.154	0.149	0.172	0.141	0.170	21.64
69)		1,3,5-Trichlorob...	1.578	1.173	1.100	1.346	1.257	1.291	14.35
70)	T	1,2,4-trichlorob...	1.390	0.937	0.964	1.112	1.085	1.098	16.41
71)		Naphthalene	2.770	2.435	2.087	2.326	2.123	2.348	11.76
72)	T	1,2,3-Trichlorob...	1.153	0.995	0.978	1.039	0.941	1.021	8.01

(#) = Out of Range