Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : SFAMXLM102821WMA.M
Title : VOC Analysis
Last Update : Thu Oct 28 12:38:37 2021
Response Via : Initial Calibration

Calibration Files
5 =VX024996.D 10 =VX024997.D 50 =VX024998.D 100 =VX024999.D 200 =VX025000.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.434	0.470	0.480	0.490	0.473	0.469	4.46
3)	T	Chloromethane	0.305	0.332	0.334	0.340	0.321	0.326	4.16
4)	S	Vinyl Chloride-d3	0.245	0.352	0.345	0.330	0.321	0.319	13.53
5)	T	Vinyl chloride	0.327	0.373	0.381	0.391	0.364	0.367	6.63
6)	T	Bromomethane	0.207	0.246	0.242	0.249	0.237	0.236	7.16
7)	S	Chloroethane-d5	0.200	0.251	0.233	0.211	0.194	0.218	10.84
8)	T	Chloroethane	0.166	0.209	0.204	0.189	0.160	0.186	11.87
9)	T	Trichlorofluorom...	0.697	0.843	0.852	0.874	0.809	0.815	8.58
10)	T	1,1,2-Trichloro-...	0.325	0.366	0.385	0.393	0.379	0.370	7.26
11)	S	1,1-Dichloroethe...	0.646	0.810	0.818	0.841	0.813	0.785	10.05
12)	T	1,1-Dichloroethene	0.261	0.330	0.316	0.331	0.317	0.311	9.34
13)	T	Acetone	0.311	0.316	0.310	0.304	0.272	0.303	5.88
14)	T	Carbon disulfide	0.674	0.824	0.869	0.937	0.911	0.843	12.32
15)	T	Methyl Acetate	0.361	0.457	0.449	0.474	0.447	0.437	10.10
16)	T	Methylene chloride	0.310	0.362	0.346	0.381	0.361	0.352	7.50
17)	T	trans-1,2-Dichlo...	0.256	0.312	0.331	0.353	0.341	0.318	11.91
18)	T	Methyl tert-buty...	1.093	1.277	1.368	1.444	1.393	1.315	10.48
19)	T	1,1-Dichloroethane	0.638	0.741	0.760	0.792	0.769	0.740	8.05
20)	T	cis-1,2-Dichloro...	0.279	0.363	0.367	0.403	0.387	0.360	13.25
21)	S	2-Butanone-d5	0.275	0.325	0.336	0.332	0.323	0.318	7.77
22)	T	2-Butanone	0.356	0.380	0.384	0.388	0.354	0.372	4.34
23)	T	Bromochloromethane	0.138	0.189	0.190	0.196	0.186	0.180	13.16
24)	S	Chloroform-d	0.687	0.861	0.883	0.873	0.866	0.834	9.92
25)	T	Chloroform	0.699	0.850	0.843	0.877	0.849	0.824	8.63
26)	S	1,2-Dichloroetha...	0.506	0.677	0.627	0.630	0.618	0.612	10.39
27)	T	1,2-Dichloroethane	0.623	0.738	0.752	0.777	0.750	0.728	8.26
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.558	0.647	0.723	0.754	0.706	0.678	11.40
30)	T	1,1,1-Trichloroe...	0.754	0.824	0.908	0.945	0.894	0.865	8.78
31)	T	Carbon tetrachlo...	0.584	0.716	0.770	0.818	0.775	0.733	12.36
32)	S	Benzene-d6	1.152	1.511	1.496	1.480	1.457	1.419	10.64
33)	T	Benzene	1.266	1.557	1.613	1.694	1.610	1.548	10.65
34)	T	Trichloroethene	0.394	0.466	0.486	0.504	0.485	0.467	9.23
35)	T	Methylcyclohexane	0.552	0.658	0.713	0.743	0.704	0.674	11.06
36)	S	1,2-Dichloroprop...	0.379	0.504	0.518	0.515	0.503	0.484	12.22
37)	T	1,2-Dichloropropane	0.377	0.422	0.470	0.477	0.455	0.440	9.31
38)	T	Bromodichloromet...	0.543	0.638	0.708	0.744	0.731	0.673	12.38
39)	T	cis-1,3-Dichloro...	0.555	0.678	0.755	0.807	0.783	0.716	14.22
40)	T	4-Methyl-2-penta...	0.550	0.669	0.747	0.753	0.700	0.684	12.02
41)	S	Toluene-d8	1.151	1.390	1.418	1.423	1.406	1.358	8.54
42)	T	Toluene	1.317	1.676	1.795	1.883	1.799	1.694	13.17
43)	S	trans-1,3-Dichlo...	0.218	0.262	0.303	0.303	0.304	0.278	13.62
44)	T	trans-1,3-Dichlo...	0.522	0.672	0.803	0.860	0.828	0.737	18.98
45)	T	1,1,2-Trichloroe...	0.341	0.422	0.426	0.446	0.427	0.412	9.99
46)	T	Tetrachloroethene	0.235	0.282	0.309	0.320	0.312	0.292	11.94
47)	S	2-Hexanone-d5	0.188	0.244	0.265	0.273	0.261	0.246	13.99
48)	T	2-Hexanone	0.464	0.591	0.607	0.611	0.553	0.565	10.85
49)	T	Dibromochloromet...	0.333	0.432	0.504	0.530	0.522	0.464	17.91
50)	T	1,2-Dibromoethane	0.356	0.460	0.476	0.498	0.484	0.455	12.53
51)	T	Chlorobenzene	0.829	1.000	1.051	1.101	1.084	1.013	10.82
52)	T	Ethylbenzene	1.530	1.852	2.090	2.196	2.106	1.955	13.78
53)	T	m,p-Xylene	0.529	0.648	0.717	0.750	0.718	0.672	13.10
54)	T	o-Xylene	0.495	0.631	0.695	0.750	0.716	0.657	15.32
55)	T	Styrene	0.821	1.050	1.191	1.263	1.234	1.112	16.38
56)	S	1,1,2,2-Tetrachl...	0.503	0.678	0.708	0.701	0.680	0.654	13.08

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57)	T	1,1,2,2-Tetrachl...	0.540	0.652	0.707	0.723	0.695	0.663	11.16
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.402	0.626	0.674	0.689	0.687	0.616	19.80
60)		Isopropylbenzene	2.899	3.853	4.137	4.171	3.995	3.811	13.78
61)		1,2,3-Trichlorop...	1.067	1.305	1.268	1.254	1.196	1.218	7.64
62)		1,3,5-Trimethylb...	2.520	3.271	3.612	3.629	3.472	3.301	13.92
63)		1,2,4-Trimethylb...	2.600	3.268	3.585	3.595	3.496	3.309	12.62
64)	T	1,3-Dichlorobenzene	1.140	1.471	1.590	1.632	1.583	1.483	13.54
65)	T	1,4-Dichlorobenzene	1.278	1.549	1.612	1.645	1.585	1.534	9.60
66)	S	1,2-Dichlorobenz...	0.791	1.056	1.041	0.989	0.975	0.970	10.91
67)	T	1,2-Dichlorobenzene	1.164	1.529	1.643	1.639	1.600	1.515	13.30
68)	T	1,2-Dibromo-3-ch...	0.326	0.405	0.425	0.424	0.406	0.397	10.36
69)		1,3,5-Trichlorob...	0.825	1.048	1.151	1.176	1.126	1.065	13.37
70)	T	1,2,4-trichlorob...	0.637	0.809	1.001	1.051	1.017	0.903	19.51
71)		Naphthalene	1.740	2.760	3.666	3.785	3.663	3.123	28.06
72)	T	1,2,3-Trichlorob...	0.663	0.879	1.037	1.057	1.006	0.929	17.63

(#) = Out of Range