

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMUTR082019WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Wed Aug 21 05:20:25 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU033842.D 1 =VU033843.D 5 =VU033844.D
 10 =VU033845.D 20 =VU033846.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.465	0.452	0.452	0.449	0.447	0.453	1.53
3) T	Chloromethane	0.460	0.451	0.443	0.432	0.414	0.440	4.05
4) S	Vinyl Chloride-d3	0.422	0.446	0.423	0.420	0.418	0.426	2.76
5) T	Vinyl chloride	0.519	0.511	0.485	0.485	0.474	0.495	3.84
6) T	Bromomethane	0.326	0.339	0.302	0.352	0.302	0.324	6.87
7) S	Chloroethane-d5	0.400	0.390	0.374	0.373	0.364	0.380	3.79
8) T	Chloroethane	0.286	0.303	0.292	0.290	0.281	0.291	2.84
9) T	Trichlorofluorometh	0.636	0.649	0.630	0.621	0.610	0.629	2.37
10) T	1,1,2-Trichloro-1,2	0.385	0.372	0.362	0.353	0.349	0.364	3.93
11) S	1,1-Dichloroethene-	0.839	0.882	0.866	0.845	0.842	0.855	2.17
12) T	1,1-Dichloroethene	0.364	0.350	0.343	0.336	0.336	0.346	3.44
13) T	Acetone	0.073	0.066	0.064	0.061	0.060	0.065	7.80
14) T	Carbon disulfide	1.252	1.212	1.183	1.147	1.150	1.189	3.74
15) T	Methyl Acetate	0.147	0.181	0.167	0.157	0.157	0.162	7.94
16) T	Methylene chloride	0.470	0.429	0.391	0.375	0.364	0.406	10.74
17) T	Methyl tert-butyl E	0.899	0.878	0.860	0.852	0.849	0.868	2.42
18) T	trans-1,2-Dichloroe	0.422	0.387	0.375	0.363	0.358	0.381	6.71
19) T	1,1-Dichloroethane	0.560	0.565	0.559	0.540	0.539	0.553	2.25
20) S	2-Butanone-d5	0.074	0.082	0.086	0.088	0.092	0.084	8.37
21) T	2-Butanone	0.060	0.064	0.073	0.074	0.076	0.069	9.99
22) T	cis-1,2-Dichloroeth	0.269	0.298	0.307	0.310	0.314	0.300	6.07
23) T	Bromochloromethane	0.144	0.147	0.148	0.144	0.141	0.145	1.95
24) S	Chloroform-d	0.674	0.740	0.725	0.706	0.704	0.710	3.51
25) T	Chloroform	0.761	0.669	0.584	0.560	0.549	0.625	14.34
26) S	1,2-Dichloroethane-	0.415	0.400	0.379	0.361	0.363	0.383	6.14
27) T	1,2-Dichloroethane	0.339	0.366	0.357	0.357	0.354	0.355	2.85

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.467	0.461	0.448	0.447	0.443	0.453	2.20
30) T	Cyclohexane	0.353	0.342	0.371	0.411	0.438	0.383	10.57
31) T	Carbon tetrachlorid	0.414	0.422	0.410	0.398	0.400	0.409	2.41
32) S	Benzene-d6	1.128	1.218	1.289	1.296	1.326	1.252	6.37
33) T	Benzene	1.030	1.060	1.117	1.137	1.142	1.097	4.52
34) T	Trichloroethene	0.331	0.280	0.286	0.286	0.288	0.294	7.08
35) T	Methylcyclohexane	0.356	0.366	0.406	0.445	0.484	0.411	13.02
36) S	1,2-Dichloropropane	0.412	0.413	0.401	0.399	0.415	0.408	1.84
37) T	1,2-Dichloropropane	0.280	0.282	0.296	0.298	0.296	0.290	2.85
38) T	Bromodichloromethan	0.379	0.385	0.370	0.368	0.369	0.374	2.02
39) T	cis-1,3-Dichloropro	0.330	0.350	0.388	0.410	0.440	0.384	11.54
40) T	4-Methyl-2-pentanone	0.129	0.134	0.161	0.167	0.178	0.154	13.95
41) S	Toluene-d8	0.989	1.061	1.239	1.249	1.295	1.167	11.46
42) T	Toluene	0.926	0.987	1.218	1.225	1.264	1.124	13.83
43) S	trans-1,3-Dichlorop	0.122	0.154	0.168	0.164	0.176	0.157	13.33
44) T	trans-1,3-Dichlorop	0.279	0.296	0.332	0.335	0.362	0.321	10.26
45) T	1,1,2-Trichloroetha	0.200	0.211	0.214	0.205	0.209	0.208	2.73
46) S	2-Hexanone-d5	0.034	0.042	0.060	0.067	0.077	0.056	31.34
47) T	Tetrachloroethene	0.233	0.243	0.241	0.245	0.245	0.241	2.10
48) T	2-Hexanone	0.097	0.090	0.120	0.124	0.130	0.112	15.69
49) T	Dibromochloromethan	0.246	0.265	0.263	0.259	0.265	0.259	3.08
50) T	1,2-Dibromoethane	0.190	0.195	0.205	0.197	0.205	0.199	3.23
51) T	Chlorobenzene	0.732	0.716	0.747	0.750	0.771	0.743	2.78
52) T	Ethylbenzene	0.900	0.990	1.156	1.233	1.346	1.125	16.06

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.336	0.326	0.440	0.482	0.527	0.422	21.04
54) T	o-Xylene	0.316	0.329	0.419	0.456	0.505	0.405	20.13
55) T	Styrene	0.508	0.548	0.735	0.826	0.891	0.702	24.04
56) T	Isopropylbenzene	0.766	0.831	1.100	1.202	1.339	1.048	23.27
57) S	1,1,2,2-Tetrachloro	0.342	0.354	0.356	0.346	0.361	0.352	2.15
58) T	1,1,2,2-Tetrachloro	0.258	0.245	0.268	0.259	0.274	0.261	4.19
59)	1,2,3-Trichloroprop	0.189	0.185	0.194	0.188	0.194	0.190	2.05
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.309	0.281	0.272	0.254	0.265	0.276	7.53
62) T	1,3-Dichlorobenzene	1.077	1.130	1.110	1.091	1.147	1.111	2.54
63) T	1,4-Dichlorobenzene	1.206	1.135	1.119	1.091	1.159	1.142	3.82
64) S	1,2-Dichlorobenzene	0.848	0.899	0.866	0.833	0.892	0.868	3.22
65) T	1,2-Dichlorobenzene	1.062	1.100	1.072	1.045	1.097	1.075	2.18
66) T	1,2-Dibromo-3-chlor	0.070	0.084	0.076	0.074	0.076	0.076	6.31
67)	1,3,5-Trichlorobenz	0.838	0.821	0.821	0.836	0.899	0.843	3.83
68) T	1,2,4-trichlorobenz	0.502	0.549	0.613	0.666	0.739	0.614	15.24
69)	Naphthalene	0.647	0.680	0.850	1.029	1.250	0.891	28.24
70) T	1,2,3-Trichlorobenz	0.468	0.489	0.597	0.664	0.698	0.583	17.58

(#) = Out of Range