

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMUTR081920WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Thu Aug 20 07:54:31 2020
 Response Via : Initial Calibration

Calibration Files

0.5 =VU039897.D 1 =VU039898.D 5 =VU039899.D
 10 =VU039900.D 20 =VU039901.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.496	0.545	0.541	0.530	0.487	0.520	5.11
3) T	Chloromethane	0.625	0.595	0.581	0.592	0.547	0.588	4.79
4) S	Vinyl Chloride-d3	0.485	0.446	0.415	0.435	0.401	0.436	7.42
5) T	Vinyl chloride	0.516	0.555	0.588	0.583	0.539	0.556	5.46
6) T	Bromomethane	0.286	0.347	0.318	0.321	0.317	0.318	6.83
7) S	Chloroethane-d5	0.343	0.380	0.354	0.375	0.354	0.361	4.35
8) T	Chloroethane	0.377	0.375	0.345	0.351	0.331	0.356	5.51
9) T	Trichlorofluorometh	0.726	0.838	0.848	0.877	0.871	0.832	7.37
10) T	1,1,2-Trichloro-1,2	0.412	0.457	0.497	0.477	0.446	0.458	6.99
11) S	1,1-Dichloroethene-	0.838	0.877	0.838	0.867	0.804	0.845	3.39
12) T	1,1-Dichloroethene	0.434	0.428	0.452	0.459	0.414	0.437	4.12
13) T	Acetone	0.089	0.103	0.095	0.099	0.091	0.095	5.72
14) T	Carbon disulfide	1.310	1.449	1.454	1.463	1.390	1.413	4.56
15) T	Methyl Acetate	0.210	0.285	0.245	0.257	0.228	0.245	11.73
16) T	Methylene chloride	0.810	0.682	0.528	0.516	0.471	0.601	23.46
17) T	Methyl tert-butyl E	0.907	1.082	1.153	1.222	1.150	1.103	10.90
18) T	trans-1,2-Dichloroe	0.433	0.449	0.468	0.479	0.442	0.454	4.15
19) T	1,1-Dichloroethane	0.773	0.848	0.882	0.874	0.832	0.842	5.12
20) S	2-Butanone-d5	0.128	0.144	0.135	0.153	0.139	0.140	6.69
21) T	2-Butanone	0.152	0.171	0.168	0.178	0.160	0.166	6.06
22) T	cis-1,2-Dichloroeth	0.393	0.505	0.490	0.509	0.480	0.475	9.97
23) T	Bromochloromethane	0.194	0.226	0.235	0.242	0.221	0.224	8.24
24) S	Chloroform-d	0.800	0.797	0.777	0.811	0.759	0.789	2.62
25) T	Chloroform	0.798	0.882	0.869	0.899	0.818	0.853	5.07
26) S	1,2-Dichloroethane-	0.535	0.503	0.422	0.454	0.419	0.467	10.93
27) T	1,2-Dichloroethane	0.539	0.647	0.615	0.625	0.569	0.599	7.36

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.684	0.676	0.743	0.821	0.753	0.735	8.04
30) T	Cyclohexane	0.583	0.662	0.751	0.846	0.799	0.728	14.56
31) T	Carbon tetrachlorid	0.591	0.592	0.644	0.738	0.681	0.649	9.61
32) S	Benzene-d6	1.508	1.466	1.402	1.602	1.465	1.489	4.96
33) T	Benzene	1.602	1.803	1.848	2.024	1.808	1.817	8.26
34) T	Trichloroethene	0.442	0.459	0.475	0.507	0.474	0.472	5.06
35) T	Methylcyclohexane	0.574	0.651	0.743	0.845	0.799	0.722	15.24
36) S	1,2-Dichloropropane	0.529	0.490	0.450	0.512	0.475	0.491	6.33
37) T	1,2-Dichloropropane	0.444	0.463	0.487	0.533	0.488	0.483	6.95
38) T	Bromodichloromethan	0.546	0.585	0.621	0.680	0.636	0.614	8.31
39) T	cis-1,3-Dichloropro	0.567	0.612	0.694	0.784	0.717	0.675	12.74
40) T	4-Methyl-2-pentanone	0.329	0.359	0.385	0.446	0.393	0.382	11.32
41) S	Toluene-d8	1.234	1.247	1.287	1.441	1.311	1.304	6.33
42) T	Toluene	1.577	1.798	1.929	2.103	1.884	1.858	10.36
43) S	trans-1,3-Dichlorop	0.192	0.218	0.191	0.220	0.210	0.206	6.81
44) T	trans-1,3-Dichlorop	0.549	0.608	0.612	0.727	0.675	0.634	10.78
45) T	1,1,2-Trichloroetha	0.336	0.374	0.374	0.401	0.350	0.367	6.80
46) S	2-Hexanone-d5	0.090	0.092	0.103	0.125	0.113	0.105	13.98
47) T	Tetrachloroethene	0.273	0.348	0.352	0.400	0.366	0.348	13.39
48) T	2-Hexanone	0.236	0.250	0.278	0.319	0.288	0.274	11.86
49) T	Dibromochloromethan	0.376	0.417	0.441	0.498	0.458	0.438	10.37
50) T	1,2-Dibromoethane	0.333	0.316	0.355	0.399	0.345	0.349	8.85
51) T	Chlorobenzene	1.080	1.170	1.243	1.356	1.218	1.213	8.34
52) T	Ethylbenzene	1.654	1.874	2.082	2.328	2.169	2.021	13.00

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.613	0.708	0.817	0.904	0.836	0.776	14.84
54) T	o-Xylene	0.545	0.653	0.781	0.881	0.807	0.733	18.26
55) T	Styrene	0.936	1.123	1.360	1.518	1.419	1.271	18.66
56) T	Isopropylbenzene	1.524	1.739	2.071	2.307	2.189	1.966	16.55
57) S	1,1,2,2-Tetrachloro	0.429	0.447	0.403	0.469	0.433	0.436	5.56
58) T	1,1,2,2-Tetrachloro	0.421	0.466	0.477	0.531	0.474	0.474	8.28
59)	1,2,3-Trichloroprop	0.296	0.356	0.343	0.385	0.350	0.346	9.26
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.339	0.414	0.457	0.509	0.483	0.440	15.14
62) T	1,3-Dichlorobenzene	1.641	1.816	1.924	2.022	1.853	1.851	7.62
63) T	1,4-Dichlorobenzene	1.701	1.842	1.959	2.040	1.883	1.885	6.77
64) S	1,2-Dichlorobenzene	0.917	1.031	0.969	1.040	0.975	0.986	5.08
65) T	1,2-Dichlorobenzene	1.715	1.671	1.818	1.927	1.801	1.787	5.55
66) T	1,2-Dibromo-3-chlor	0.104	0.140	0.154	0.168	0.164	0.146	17.58
67)	1,3,5-Trichlorobenz	1.270	1.253	1.365	1.543	1.443	1.375	8.83
68) T	1,2,4-trichlorobenz	0.932	1.039	1.192	1.386	1.316	1.173	16.06
69)	Naphthalene	1.628	1.765	2.224	2.683	2.534	2.167	21.36
70) T	1,2,3-Trichlorobenz	0.931	0.957	1.112	1.293	1.187	1.096	13.96

(#) = Out of Range