

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMUTR021220WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Wed Feb 12 07:56:33 2020
 Response Via : Initial Calibration

Calibration Files

0.5 =VU036724.D 1 =VU036725.D 5 =VU036726.D
 10 =VU036727.D 20 =VU036728.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.338	0.327	0.324	0.332	0.329	0.330	1.67
3) T	Chloromethane	0.359	0.360	0.328	0.332	0.339	0.344	4.39
4) S	Vinyl Chloride-d3	0.427	0.405	0.413	0.453	0.451	0.430	5.01
5) T	Vinyl chloride	0.405	0.411	0.397	0.397	0.397	0.401	1.62
6) T	Bromomethane	0.261	0.243	0.232	0.237	0.233	0.241	4.95
7) S	Chloroethane-d5	0.380	0.336	0.372	0.396	0.382	0.373	5.98
8) T	Chloroethane	0.344	0.284	0.253	0.264	0.257	0.280	13.42
9) T	Trichlorofluorometh	0.559	0.537	0.515	0.520	0.509	0.528	3.79
10) T	1,1,2-Trichloro-1,2	0.355	0.350	0.325	0.333	0.323	0.337	4.31
11) S	1,1-Dichloroethene-	0.703	0.693	0.699	0.755	0.743	0.718	3.93
12) T	1,1-Dichloroethene	0.313	0.319	0.293	0.299	0.297	0.304	3.69
13) T	Acetone	0.118	0.126	0.114	0.112	0.106	0.115	6.52
14) T	Carbon disulfide	0.800	0.754	0.696	0.711	0.709	0.734	5.85
15) T	Methyl Acetate	0.157	0.165	0.147	0.145	0.151	0.153	5.21
16) T	Methylene chloride	0.777	0.628	0.407	0.384	0.368	0.513	35.43
17) T	Methyl tert-butyl E	0.912	0.905	0.890	0.905	0.893	0.901	1.01
18) T	trans-1,2-Dichloroe	0.319	0.315	0.310	0.314	0.312	0.314	1.05
19) T	1,1-Dichloroethane	0.645	0.668	0.660	0.663	0.654	0.658	1.31
20) S	2-Butanone-d5	0.093	0.089	0.094	0.075	0.100	0.090	10.30
21) T	2-Butanone	0.124	0.144	0.133	0.137	0.132	0.134	5.41
22) T	cis-1,2-Dichloroeth	0.370	0.395	0.372	0.382	0.380	0.380	2.58
23) T	Bromochloromethane	0.149	0.152	0.152	0.153	0.149	0.151	1.31
24) S	Chloroform-d	0.634	0.612	0.652	0.707	0.713	0.664	6.75
25) T	Chloroform	0.768	0.727	0.672	0.696	0.652	0.703	6.58
26) S	1,2-Dichloroethane-	0.378	0.369	0.369	0.399	0.386	0.380	3.29
27) T	1,2-Dichloroethane	0.473	0.472	0.431	0.433	0.432	0.448	4.99

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.573	0.548	0.534	0.540	0.551	0.549	2.67
30) T	Cyclohexane	0.598	0.588	0.567	0.575	0.589	0.583	2.10
31) T	Carbon tetrachlorid	0.463	0.435	0.436	0.434	0.447	0.443	2.78
32) S	Benzene-d6	1.485	1.387	1.510	1.609	1.613	1.521	6.21
33) T	Benzene	1.631	1.567	1.492	1.511	1.510	1.542	3.70
34) T	Trichloroethene	0.430	0.385	0.379	0.383	0.386	0.393	5.39
35) T	Methylcyclohexane	0.643	0.614	0.617	0.619	0.623	0.623	1.87
36) S	1,2-Dichloropropane	0.480	0.437	0.468	0.515	0.510	0.482	6.63
37) T	1,2-Dichloropropane	0.435	0.425	0.414	0.417	0.415	0.421	2.12
38) T	Bromodichloromethan	0.515	0.499	0.490	0.502	0.507	0.503	1.86
39) T	cis-1,3-Dichloropro	0.590	0.581	0.608	0.624	0.643	0.609	4.13
40) T	4-Methyl-2-pentanone	0.252	0.274	0.270	0.280	0.282	0.272	4.47
41) S	Toluene-d8	1.408	1.264	1.398	1.501	1.502	1.415	6.90
42) T	Toluene	1.719	1.643	1.607	1.652	1.660	1.656	2.45
43) S	trans-1,3-Dichlorop	0.186	0.161	0.184	0.202	0.205	0.188	9.33
44) T	trans-1,3-Dichlorop	0.450	0.453	0.476	0.495	0.507	0.476	5.26
45) T	1,1,2-Trichloroetha	0.297	0.307	0.285	0.286	0.290	0.293	3.18
46) S	2-Hexanone-d5	0.074	0.076	0.085	0.095	0.097	0.086	12.28
47) T	Tetrachloroethene	0.286	0.284	0.256	0.254	0.256	0.267	6.15
48) T	2-Hexanone	0.224	0.226	0.236	0.240	0.238	0.233	3.17
49) T	Dibromochloromethan	0.287	0.295	0.302	0.313	0.318	0.303	4.24
50) T	1,2-Dibromoethane	0.264	0.269	0.259	0.264	0.268	0.265	1.52
51) T	Chlorobenzene	1.062	1.032	0.987	1.017	1.025	1.025	2.64
52) T	Ethylbenzene	1.872	1.832	1.796	1.867	1.882	1.850	1.94

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.688	0.654	0.673	0.691	0.698	0.681	2.60
54) T	o-Xylene	0.649	0.655	0.666	0.681	0.691	0.669	2.65
55) T	Styrene	1.067	1.082	1.108	1.168	1.211	1.127	5.39
56) T	Isopropylbenzene	1.754	1.743	1.759	1.831	1.858	1.789	2.89
57) S	1,1,2,2-Tetrachloro	0.362	0.355	0.367	0.407	0.411	0.381	6.94
58) T	1,1,2,2-Tetrachloro	0.380	0.384	0.375	0.388	0.392	0.383	1.74
59)	1,2,3-Trichloroprop	0.277	0.287	0.271	0.277	0.278	0.278	1.99
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.323	0.332	0.343	0.364	0.360	0.344	5.16
62) T	1,3-Dichlorobenzene	1.824	1.747	1.656	1.691	1.697	1.723	3.78
63) T	1,4-Dichlorobenzene	1.839	1.692	1.654	1.678	1.675	1.708	4.39
64) S	1,2-Dichlorobenzene	1.027	0.946	0.981	1.014	1.026	0.999	3.51
65) T	1,2-Dichlorobenzene	1.724	1.759	1.615	1.605	1.601	1.661	4.52
66) T	1,2-Dibromo-3-chlor	0.114	0.123	0.128	0.124	0.130	0.124	4.99
67)	1,3,5-Trichlorobenz	1.216	1.178	1.215	1.220	1.234	1.213	1.71
68) T	1,2,4-trichlorobenz	0.793	0.856	0.935	0.958	1.031	0.915	10.08
69)	Naphthalene	1.305	1.395	1.717	1.833	2.035	1.657	18.37
70) T	1,2,3-Trichlorobenz	0.733	0.757	0.851	0.859	0.904	0.821	8.85

(#) = Out of Range