

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMUTR061720WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Wed Jun 17 14:56:26 2020
 Response Via : Initial Calibration

Calibration Files

0.5 =VU038936.D 1 =VU038937.D 5 =VU038938.D
 10 =VU038939.D 20 =VU038940.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.527	0.507	0.444	0.431	0.450	0.472	8.96
3) T	Chloromethane	0.501	0.539	0.449	0.444	0.412	0.469	10.76
4) S	Vinyl Chloride-d3	0.385	0.369	0.340	0.323	0.319	0.347	8.23
5) T	Vinyl chloride	0.518	0.510	0.459	0.428	0.432	0.470	9.07
6) T	Bromomethane	0.270	0.283	0.270	0.257	0.255	0.267	4.20
7) S	Chloroethane-d5	0.330	0.312	0.282	0.276	0.259	0.292	9.76
8) T	Chloroethane	0.374	0.328	0.289	0.255	0.245	0.298	17.85
9) T	Trichlorofluorometh	0.778	0.744	0.664	0.656	0.725	0.714	7.37
10) T	1,1,2-Trichloro-1,2	0.411	0.403	0.337	0.334	0.350	0.367	10.11
11) S	1,1-Dichloroethene-	0.777	0.733	0.667	0.654	0.689	0.704	7.19
12) T	1,1-Dichloroethene	0.374	0.374	0.339	0.336	0.336	0.352	5.82
13) T	Acetone	0.089	0.081	0.068	0.069	0.071	0.076	11.74
14) T	Carbon disulfide	1.301	1.284	1.100	1.113	1.135	1.187	8.24
15) T	Methyl Acetate	0.221	0.210	0.151	0.167	0.178	0.185	15.84
16) T	Methylene chloride	0.482	0.454	0.366	0.360	0.361	0.404	14.54
17) T	Methyl tert-butyl E	0.969	0.945	0.862	0.903	0.941	0.924	4.52
18) T	trans-1,2-Dichloroe	0.388	0.401	0.346	0.349	0.360	0.369	6.67
19) T	1,1-Dichloroethane	0.743	0.704	0.628	0.633	0.641	0.670	7.67
20) S	2-Butanone-d5	0.119	0.110	0.105	0.107	0.115	0.111	5.27
21) T	2-Butanone	0.116	0.128	0.116	0.115	0.124	0.120	4.86
22) T	cis-1,2-Dichloroeth	0.396	0.388	0.363	0.368	0.379	0.379	3.57
23) T	Bromochloromethane	0.199	0.191	0.168	0.165	0.174	0.180	8.22
24) S	Chloroform-d	0.803	0.693	0.650	0.642	0.662	0.690	9.59
25) T	Chloroform	0.737	0.729	0.652	0.641	0.652	0.682	6.83
26) S	1,2-Dichloroethane-	0.463	0.432	0.364	0.359	0.371	0.398	11.76
27) T	1,2-Dichloroethane	0.553	0.532	0.465	0.464	0.470	0.497	8.62

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.650	0.647	0.606	0.596	0.602	0.620	4.21
30) T	Cyclohexane	0.598	0.587	0.558	0.581	0.618	0.589	3.75
31) T	Carbon tetrachlorid	0.605	0.577	0.517	0.517	0.518	0.547	7.58
32) S	Benzene-d6	1.428	1.280	1.264	1.269	1.298	1.307	5.24
33) T	Benzene	1.577	1.507	1.464	1.454	1.466	1.494	3.42
34) T	Trichloroethene	0.390	0.390	0.369	0.374	0.371	0.379	2.67
35) T	Methylcyclohexane	0.581	0.595	0.575	0.607	0.646	0.601	4.69
36) S	1,2-Dichloropropane	0.447	0.412	0.385	0.385	0.391	0.404	6.50
37) T	1,2-Dichloropropane	0.417	0.408	0.376	0.375	0.374	0.390	5.32
38) T	Bromodichloromethan	0.553	0.512	0.492	0.487	0.491	0.507	5.42
39) T	cis-1,3-Dichloropro	0.573	0.546	0.559	0.589	0.599	0.573	3.75
40) T	4-Methyl-2-pentanone	0.255	0.260	0.268	0.275	0.287	0.269	4.71
41) S	Toluene-d8	1.225	1.146	1.143	1.165	1.179	1.171	2.82
42) T	Toluene	1.521	1.539	1.540	1.559	1.576	1.547	1.36
43) S	trans-1,3-Dichlorop	0.190	0.187	0.178	0.181	0.191	0.185	3.00
44) T	trans-1,3-Dichlorop	0.511	0.516	0.515	0.539	0.553	0.527	3.46
45) T	1,1,2-Trichloroetha	0.301	0.294	0.284	0.283	0.286	0.290	2.69
46) S	2-Hexanone-d5	0.090	0.083	0.098	0.103	0.114	0.098	11.97
47) T	Tetrachloroethene	0.314	0.304	0.278	0.282	0.291	0.294	5.11
48) T	2-Hexanone	0.190	0.196	0.203	0.208	0.221	0.204	5.76
49) T	Dibromochloromethan	0.355	0.352	0.337	0.345	0.346	0.347	2.06
50) T	1,2-Dibromoethane	0.316	0.286	0.274	0.284	0.288	0.290	5.40
51) T	Chlorobenzene	1.060	1.037	0.967	0.975	0.990	1.006	4.03
52) T	Ethylbenzene	1.579	1.621	1.639	1.718	1.811	1.674	5.49

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.605	0.609	0.644	0.683	0.688	0.646	6.11
54) T	o-Xylene	0.574	0.586	0.617	0.653	0.663	0.619	6.35
55) T	Styrene	0.934	0.990	1.079	1.148	1.179	1.066	9.70
56) T	Isopropylbenzene	1.528	1.574	1.626	1.719	1.786	1.646	6.42
57) S	1,1,2,2-Tetrachloro	0.414	0.372	0.358	0.362	0.395	0.380	6.26
58) T	1,1,2,2-Tetrachloro	0.441	0.398	0.375	0.383	0.402	0.400	6.38
59)	1,2,3-Trichloroprop	0.319	0.295	0.310	0.288	0.293	0.301	4.23
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.471	0.393	0.384	0.385	0.390	0.405	9.24
62) T	1,3-Dichlorobenzene	1.624	1.609	1.491	1.531	1.520	1.555	3.75
63) T	1,4-Dichlorobenzene	1.705	1.687	1.519	1.545	1.546	1.600	5.52
64) S	1,2-Dichlorobenzene	1.146	0.904	0.862	0.862	0.899	0.934	12.81
65) T	1,2-Dichlorobenzene	1.762	1.525	1.436	1.465	1.486	1.535	8.53
66) T	1,2-Dibromo-3-chlor	0.205	0.139	0.149	0.140	0.141	0.155	18.25
67)	1,3,5-Trichlorobenz	1.412	1.339	1.215	1.173	1.191	1.266	8.21
68) T	1,2,4-trichlorobenz	1.146	1.290	1.046	1.097	1.137	1.143	7.95
69)	Naphthalene	2.141	2.269	2.026	2.240	2.373	2.210	5.96
70) T	1,2,3-Trichlorobenz	1.103	1.101	1.001	1.039	1.051	1.059	4.08

(#) = Out of Range