

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMUTR083120WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Mon Aug 31 18:13:43 2020
 Response Via : Initial Calibration

Calibration Files

0.5 =VU039997.D 1 =VU039998.D 5 =VU039999.D
 10 =VU040000.D 20 =VU040001.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.468	0.462	0.535	0.479	0.537	0.496	7.44
3) T	Chloromethane	0.480	0.452	0.499	0.446	0.499	0.475	5.30
4) S	Vinyl Chloride-d3	0.286	0.251	0.283	0.261	0.283	0.273	5.70
5) T	Vinyl chloride	0.479	0.452	0.502	0.457	0.519	0.482	5.97
6) T	Bromomethane	0.218	0.245	0.260	0.233	0.275	0.246	9.02
7) S	Chloroethane-d5	0.230	0.225	0.240	0.217	0.225	0.227	3.79
8) T	Chloroethane	0.318	0.271	0.309	0.263	0.286	0.289	8.23
9) T	Trichlorofluorometh	0.605	0.693	0.739	0.667	0.746	0.690	8.37
10) T	1,1,2-Trichloro-1,2	0.436	0.438	0.469	0.418	0.476	0.447	5.44
11) S	1,1-Dichloroethene-	0.661	0.650	0.748	0.685	0.758	0.701	7.09
12) T	1,1-Dichloroethene	0.331	0.381	0.420	0.378	0.425	0.387	9.82
13) T	Acetone	0.098	0.095	0.115	0.093	0.104	0.101	8.59
14) T	Carbon disulfide	1.181	1.202	1.313	1.173	1.334	1.241	6.18
15) T	Methyl Acetate	0.284	0.238	0.256	0.230	0.260	0.254	8.35
16) T	Methylene chloride	0.617	0.516	0.489	0.434	0.477	0.507	13.53
17) T	Methyl tert-butyl E	1.110	1.054	1.234	1.117	1.315	1.166	9.09
18) T	trans-1,2-Dichloroe	0.413	0.396	0.436	0.390	0.447	0.416	5.92
19) T	1,1-Dichloroethane	0.814	0.846	0.905	0.810	0.908	0.857	5.56
20) S	2-Butanone-d5	0.106	0.096	0.120	0.106	0.117	0.109	8.67
21) T	2-Butanone	0.157	0.147	0.183	0.159	0.179	0.165	9.35
22) T	cis-1,2-Dichloroeth	0.413	0.424	0.471	0.435	0.496	0.448	7.76
23) T	Bromochloromethane	0.169	0.187	0.215	0.193	0.216	0.196	10.33
24) S	Chloroform-d	0.612	0.613	0.669	0.617	0.678	0.638	5.13
25) T	Chloroform	0.846	0.838	0.934	0.833	0.936	0.877	6.05
26) S	1,2-Dichloroethane-	0.402	0.396	0.410	0.366	0.395	0.394	4.19
27) T	1,2-Dichloroethane	0.620	0.613	0.692	0.606	0.683	0.643	6.40

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.750	0.751	0.828	0.750	0.847	0.785	6.13
30) T	Cyclohexane	0.691	0.696	0.802	0.756	0.862	0.761	9.52
31) T	Carbon tetrachlorid	0.652	0.653	0.695	0.637	0.722	0.672	5.31
32) S	Benzene-d6	1.119	1.068	1.241	1.159	1.250	1.167	6.71
33) T	Benzene	1.687	1.736	1.887	1.728	1.905	1.789	5.60
34) T	Trichloroethene	0.436	0.484	0.504	0.454	0.521	0.480	7.29
35) T	Methylcyclohexane	0.685	0.670	0.765	0.729	0.825	0.735	8.53
36) S	1,2-Dichloropropane	0.374	0.367	0.401	0.377	0.406	0.385	4.52
37) T	1,2-Dichloropropane	0.447	0.456	0.524	0.470	0.525	0.484	7.77
38) T	Bromodichloromethan	0.646	0.620	0.689	0.636	0.715	0.661	5.96
39) T	cis-1,3-Dichloropro	0.622	0.655	0.778	0.707	0.811	0.714	11.17
40) T	4-Methyl-2-pentanone	0.354	0.362	0.439	0.390	0.442	0.397	10.48
41) S	Toluene-d8	1.046	0.970	1.089	1.041	1.128	1.055	5.62
42) T	Toluene	1.696	1.693	1.989	1.817	2.015	1.842	8.41
43) S	trans-1,3-Dichlorop	0.172	0.175	0.178	0.170	0.189	0.177	4.18
44) T	trans-1,3-Dichlorop	0.615	0.580	0.707	0.661	0.747	0.662	10.20
45) T	1,1,2-Trichloroetha	0.317	0.350	0.388	0.332	0.377	0.353	8.49
46) S	2-Hexanone-d5	0.077	0.068	0.092	0.085	0.097	0.084	13.62
47) T	Tetrachloroethene	0.314	0.293	0.331	0.303	0.335	0.315	5.69
48) T	2-Hexanone	0.254	0.264	0.325	0.283	0.323	0.290	11.37
49) T	Dibromochloromethan	0.399	0.404	0.446	0.407	0.462	0.424	6.80
50) T	1,2-Dibromoethane	0.299	0.343	0.368	0.323	0.368	0.340	8.69
51) T	Chlorobenzene	1.055	1.084	1.216	1.105	1.257	1.144	7.70
52) T	Ethylbenzene	1.888	1.916	2.237	2.090	2.334	2.093	9.32

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.623	0.699	0.811	0.750	0.842	0.745	11.79
54) T	o-Xylene	0.598	0.616	0.790	0.729	0.817	0.710	14.03
55) T	Styrene	1.050	1.041	1.363	1.278	1.443	1.235	14.78
56) T	Isopropylbenzene	1.601	1.663	2.138	1.997	2.283	1.937	15.30
57) S	1,1,2,2-Tetrachloro	0.328	0.307	0.352	0.320	0.356	0.333	6.27
58) T	1,1,2,2-Tetrachloro	0.447	0.426	0.472	0.425	0.492	0.452	6.45
59)	1,2,3-Trichloroprop	0.373	0.321	0.386	0.336	0.378	0.359	7.93
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.448	0.429	0.473	0.441	0.502	0.459	6.36
62) T	1,3-Dichlorobenzene	1.791	1.694	1.886	1.811	1.956	1.828	5.42
63) T	1,4-Dichlorobenzene	1.786	1.730	1.936	1.812	1.982	1.849	5.71
64) S	1,2-Dichlorobenzene	0.865	0.785	0.786	0.785	0.824	0.809	4.41
65) T	1,2-Dichlorobenzene	1.703	1.658	1.826	1.738	1.918	1.768	5.88
66) T	1,2-Dibromo-3-chlor	0.168	0.187	0.200	0.183	0.207	0.189	8.16
67)	1,3,5-Trichlorobenz	1.230	1.194	1.315	1.271	1.414	1.285	6.61
68) T	1,2,4-trichlorobenz	0.889	1.027	1.177	1.165	1.276	1.107	13.59
69)	Naphthalene	1.889	1.801	2.539	2.447	2.859	2.307	19.49
70) T	1,2,3-Trichlorobenz	0.922	0.896	1.082	1.037	1.146	1.017	10.44

(#) = Out of Range