

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMUTR102519WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Fri Oct 25 23:33:12 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU035479.D 1 =VU035480.D 5 =VU035481.D
 10 =VU035482.D 20 =VU035483.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.697	0.749	0.653	0.646	0.633	0.676	7.07
3) T	Chloromethane	0.819	0.857	0.785	0.747	0.739	0.789	6.23
4) S	Vinyl Chloride-d3	0.656	0.675	0.664	0.660	0.665	0.664	1.08
5) T	Vinyl chloride	0.775	0.853	0.774	0.753	0.754	0.782	5.27
6) T	Bromomethane	0.432	0.451	0.391	0.392	0.369	0.407	8.19
7) S	Chloroethane-d5	0.583	0.544	0.533	0.524	0.518	0.540	4.73
8) T	Chloroethane	0.486	0.509	0.449	0.437	0.424	0.461	7.66
9) T	Trichlorofluorometh	0.953	0.993	0.878	0.864	0.840	0.906	7.11
10) T	1,1,2-Trichloro-1,2	0.529	0.575	0.497	0.483	0.466	0.510	8.45
11) S	1,1-Dichloroethene-	1.121	1.147	1.075	1.057	1.053	1.091	3.82
12) T	1,1-Dichloroethene	0.503	0.517	0.462	0.452	0.444	0.476	6.80
13) T	Acetone	0.108	0.107	0.100	0.093	0.092	0.100	7.68
14) T	Carbon disulfide	1.776	1.839	1.633	1.604	1.566	1.684	7.00
15) T	Methyl Acetate	0.234	0.227	0.224	0.232	0.230	0.229	1.71
16) T	Methylene chloride	0.759	0.691	0.562	0.544	0.526	0.616	16.69
17) T	Methyl tert-butyl E	1.117	1.186	1.119	1.149	1.182	1.151	2.86
18) T	trans-1,2-Dichloroe	0.527	0.560	0.506	0.500	0.496	0.518	5.08
19) T	1,1-Dichloroethane	1.054	1.109	0.998	0.983	0.963	1.021	5.84
20) S	2-Butanone-d5	0.123	0.122	0.138	0.134	0.141	0.132	6.48
21) T	2-Butanone	0.137	0.142	0.149	0.147	0.150	0.145	3.78
22) T	cis-1,2-Dichloroeth	0.557	0.563	0.536	0.552	0.554	0.552	1.79
23) T	Bromochloromethane	0.277	0.281	0.241	0.241	0.237	0.255	8.50
24) S	Chloroform-d	0.919	0.959	0.959	0.971	0.964	0.954	2.14
25) T	Chloroform	1.238	1.219	1.046	0.969	0.945	1.083	12.73
26) S	1,2-Dichloroethane-	0.549	0.520	0.515	0.506	0.499	0.518	3.71
27) T	1,2-Dichloroethane	0.683	0.687	0.627	0.605	0.595	0.639	6.75

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.780	0.794	0.742	0.730	0.711	0.751	4.63
30) T	Cyclohexane	0.717	0.722	0.762	0.809	0.828	0.768	6.51
31) T	Carbon tetrachlorid	0.683	0.700	0.671	0.660	0.639	0.670	3.45
32) S	Benzene-d6	1.674	1.664	1.786	1.828	1.799	1.750	4.33
33) T	Benzene	1.986	2.035	2.004	1.989	1.943	1.991	1.66
34) T	Trichloroethene	0.500	0.502	0.482	0.483	0.479	0.489	2.16
35) T	Methylcyclohexane	0.670	0.716	0.746	0.819	0.835	0.757	9.17
36) S	1,2-Dichloropropane	0.580	0.547	0.580	0.585	0.573	0.573	2.61
37) T	1,2-Dichloropropane	0.534	0.546	0.516	0.526	0.509	0.526	2.73
38) T	Bromodichloromethan	0.659	0.708	0.640	0.637	0.620	0.653	5.19
39) T	cis-1,3-Dichloropro	0.703	0.704	0.726	0.746	0.781	0.732	4.44
40) T	4-Methyl-2-pentanone	0.279	0.291	0.326	0.330	0.333	0.312	8.00
41) S	Toluene-d8	1.450	1.474	1.689	1.688	1.657	1.592	7.49
42) T	Toluene	1.876	2.014	2.110	2.108	2.056	2.033	4.74
43) S	trans-1,3-Dichlorop	0.206	0.199	0.233	0.234	0.243	0.223	8.66
44) T	trans-1,3-Dichlorop	0.510	0.561	0.585	0.614	0.625	0.579	7.94
45) T	1,1,2-Trichloroetha	0.377	0.393	0.359	0.352	0.345	0.365	5.40
46) S	2-Hexanone-d5	0.061	0.066	0.094	0.101	0.109	0.086	24.54
47) T	Tetrachloroethene	0.409	0.430	0.393	0.391	0.386	0.402	4.50
48) T	2-Hexanone	0.165	0.178	0.236	0.226	0.242	0.210	16.87
49) T	Dibromochloromethan	0.425	0.446	0.422	0.422	0.423	0.428	2.44
50) T	1,2-Dibromoethane	0.332	0.353	0.340	0.339	0.334	0.340	2.35
51) T	Chlorobenzene	1.234	1.300	1.280	1.294	1.296	1.281	2.13
52) T	Ethylbenzene	1.923	1.939	2.171	2.271	2.313	2.123	8.61

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.647	0.683	0.821	0.852	0.874	0.775	13.30
54) T	o-Xylene	0.649	0.666	0.790	0.826	0.846	0.755	12.15
55) T	Styrene	0.945	1.039	1.338	1.405	1.441	1.234	18.34
56) T	Isopropylbenzene	1.629	1.751	2.060	2.174	2.249	1.973	13.68
57) S	1,1,2,2-Tetrachloro	0.468	0.448	0.475	0.477	0.475	0.469	2.58
58) T	1,1,2,2-Tetrachloro	0.476	0.500	0.476	0.470	0.467	0.478	2.76
59)	1,2,3-Trichloroprop	0.328	0.358	0.328	0.339	0.333	0.337	3.71
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.575	0.586	0.427	0.431	0.409	0.486	17.93
62) T	1,3-Dichlorobenzene	1.728	1.824	1.670	1.635	1.680	1.707	4.28
63) T	1,4-Dichlorobenzene	1.823	1.767	1.637	1.601	1.667	1.699	5.47
64) S	1,2-Dichlorobenzene	1.054	1.036	0.975	0.984	1.002	1.010	3.33
65) T	1,2-Dichlorobenzene	1.699	1.794	1.555	1.565	1.589	1.640	6.30
66) T	1,2-Dibromo-3-chlor	0.111	0.113	0.107	0.102	0.117	0.110	5.16
67)	1,3,5-Trichlorobenz	0.864	0.954	1.105	1.084	1.267	1.055	14.61
68) T	1,2,4-trichlorobenz	0.387	0.387	0.591	0.634	0.933	0.587	38.35
69)	Naphthalene	0.535	0.561	0.678	0.841	1.388	0.801	43.70
70) T	1,2,3-Trichlorobenz	0.409	0.427	0.606	0.625	0.855	0.584	30.95

(#) = Out of Range