

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMUTR102620WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Tue Oct 27 02:33:40 2020
 Response Via : Initial Calibration

Calibration Files

0.5 =VU040934.D 1 =VU040935.D 5 =VU040936.D
 10 =VU040937.D 20 =VU040938.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.425	0.498	0.471	0.451	0.438	0.456	6.33
3) T	Chloromethane	0.503	0.475	0.482	0.469	0.451	0.476	3.96
4) S	Vinyl Chloride-d3	0.386	0.417	0.446	0.424	0.428	0.420	5.25
5) T	Vinyl chloride	0.455	0.497	0.473	0.466	0.457	0.470	3.61
6) T	Bromomethane	0.263	0.269	0.279	0.272	0.263	0.269	2.52
7) S	Chloroethane-d5	0.297	0.304	0.353	0.332	0.328	0.323	7.00
8) T	Chloroethane	0.318	0.308	0.295	0.293	0.274	0.298	5.54
9) T	Trichlorofluorometh	0.620	0.691	0.656	0.624	0.600	0.638	5.58
10) T	1,1,2-Trichloro-1,2	0.360	0.387	0.393	0.370	0.360	0.374	4.11
11) S	1,1-Dichloroethene-	0.785	0.805	0.869	0.831	0.831	0.824	3.84
12) T	1,1-Dichloroethene	0.354	0.359	0.363	0.350	0.339	0.353	2.56
13) T	Acetone	0.090	0.096	0.099	0.094	0.093	0.095	3.59
14) T	Carbon disulfide	1.131	1.258	1.214	1.163	1.136	1.180	4.61
15) T	Methyl Acetate	0.212	0.215	0.212	0.223	0.220	0.216	2.43
16) T	Methylene chloride	0.422	0.451	0.415	0.393	0.376	0.412	7.02
17) T	Methyl tert-butyl E	0.834	0.865	0.925	0.948	0.973	0.909	6.35
18) T	trans-1,2-Dichloroe	0.354	0.367	0.361	0.356	0.357	0.359	1.40
19) T	1,1-Dichloroethane	0.697	0.758	0.738	0.705	0.690	0.718	4.11
20) S	2-Butanone-d5	0.108	0.128	0.150	0.150	0.156	0.138	14.42
21) T	2-Butanone	0.127	0.148	0.155	0.154	0.155	0.148	8.12
22) T	cis-1,2-Dichloroeth	0.325	0.371	0.384	0.388	0.383	0.370	6.98
23) T	Bromochloromethane	0.140	0.184	0.184	0.184	0.181	0.175	11.12
24) S	Chloroform-d	0.701	0.723	0.792	0.748	0.747	0.742	4.60
25) T	Chloroform	0.678	0.759	0.747	0.717	0.697	0.720	4.69
26) S	1,2-Dichloroethane-	0.441	0.481	0.484	0.450	0.447	0.460	4.42
27) T	1,2-Dichloroethane	0.514	0.562	0.544	0.536	0.524	0.536	3.45

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.592	0.613	0.606	0.623	0.624	0.612	2.16
30) T	Cyclohexane	0.514	0.535	0.618	0.650	0.696	0.602	12.74
31) T	Carbon tetrachlorid	0.545	0.531	0.551	0.537	0.544	0.541	1.41
32) S	Benzene-d6	1.151	1.219	1.465	1.408	1.443	1.337	10.65
33) T	Benzene	1.380	1.449	1.542	1.552	1.547	1.494	5.11
34) T	Trichloroethene	0.351	0.385	0.384	0.391	0.391	0.380	4.44
35) T	Methylcyclohexane	0.466	0.496	0.587	0.626	0.661	0.567	14.76
36) S	1,2-Dichloropropane	0.385	0.403	0.466	0.453	0.471	0.436	9.00
37) T	1,2-Dichloropropane	0.381	0.391	0.421	0.411	0.418	0.404	4.37
38) T	Bromodichloromethan	0.497	0.520	0.534	0.535	0.537	0.524	3.24
39) T	cis-1,3-Dichloropro	0.472	0.515	0.572	0.595	0.630	0.557	11.32
40) T	4-Methyl-2-pentanone	0.256	0.294	0.338	0.358	0.365	0.322	14.31
41) S	Toluene-d8	0.998	1.101	1.335	1.305	1.319	1.212	12.59
42) T	Toluene	1.288	1.446	1.622	1.610	1.608	1.515	9.64
43) S	trans-1,3-Dichlorop	0.156	0.151	0.210	0.206	0.220	0.189	17.22
44) T	trans-1,3-Dichlorop	0.419	0.503	0.542	0.558	0.583	0.521	12.30
45) T	1,1,2-Trichloroetha	0.283	0.309	0.302	0.307	0.303	0.301	3.44
46) S	2-Hexanone-d5	0.068	0.078	0.113	0.119	0.130	0.102	26.64
47) T	Tetrachloroethene	0.257	0.291	0.283	0.283	0.285	0.280	4.62
48) T	2-Hexanone	0.196	0.222	0.261	0.267	0.268	0.243	13.35
49) T	Dibromochloromethan	0.310	0.357	0.356	0.366	0.359	0.349	6.47
50) T	1,2-Dibromoethane	0.270	0.284	0.288	0.297	0.294	0.287	3.67
51) T	Chlorobenzene	0.886	0.954	0.990	0.977	0.996	0.961	4.64
52) T	Ethylbenzene	1.316	1.427	1.671	1.757	1.802	1.595	13.34

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.471	0.504	0.617	0.653	0.662	0.582	15.13
54) T	o-Xylene	0.426	0.454	0.586	0.616	0.627	0.542	17.50
55) T	Styrene	0.699	0.827	1.064	1.121	1.113	0.965	19.77
56) T	Isopropylbenzene	1.142	1.238	1.549	1.650	1.703	1.456	17.28
57) S	1,1,2,2-Tetrachloro	0.345	0.384	0.436	0.418	0.439	0.404	9.79
58) T	1,1,2,2-Tetrachloro	0.359	0.385	0.406	0.410	0.416	0.395	5.87
59)	1,2,3-Trichloroprop	0.277	0.304	0.305	0.307	0.312	0.301	4.56
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.371	0.399	0.379	0.386	0.392	0.385	2.87
62) T	1,3-Dichlorobenzene	1.330	1.480	1.466	1.461	1.480	1.443	4.44
63) T	1,4-Dichlorobenzene	1.476	1.486	1.506	1.488	1.518	1.495	1.12
64) S	1,2-Dichlorobenzene	0.813	0.848	0.908	0.889	0.928	0.877	5.30
65) T	1,2-Dichlorobenzene	1.390	1.453	1.401	1.427	1.450	1.424	1.98
66) T	1,2-Dibromo-3-chlor	0.108	0.163	0.138	0.139	0.149	0.140	14.51
67)	1,3,5-Trichlorobenz	0.975	0.966	0.995	1.026	1.085	1.009	4.74
68) T	1,2,4-trichlorobenz	0.714	0.778	0.819	0.894	0.976	0.836	12.17
69)	Naphthalene	0.992	1.117	1.442	1.801	2.125	1.495	31.53
70) T	1,2,3-Trichlorobenz	0.604	0.684	0.782	0.868	0.915	0.771	16.62

(#) = Out of Range