

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOM2VLM050719S.M
 Title : VOC Analysis
 Last Update : Wed May 08 02:43:51 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VV010688.D 5 =VV010689.D 25 =VV010690.D
 50 =VV010691.D 100 =VV010692.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.350	0.328	0.382	0.343	0.329	0.346	6.35
3) T	Chloromethane	0.427	0.407	0.445	0.419	0.408	0.421	3.73
4) S	Vinyl Chloride-d3	0.394	0.388	0.400	0.391	0.368	0.388	3.07
5) T	Vinyl chloride	0.479	0.478	0.529	0.501	0.458	0.489	5.53
6) T	Bromomethane	0.292	0.225	0.288	0.206	0.175	0.237	21.58
7) S	Chloroethane-d5	0.328	0.325	0.330	0.320	0.295	0.320	4.44
8) T	Chloroethane	0.328	0.295	0.326	0.305	0.269	0.305	7.94
9) T	Trichlorofluorometh	0.762	0.716	0.804	0.735	0.663	0.736	7.11
10) S	1,1-Dichloroethene-	0.875	0.872	0.854	0.836	0.774	0.842	4.88
11) T	1,1,2-Trichloro-1,2	0.410	0.414	0.460	0.429	0.388	0.420	6.35
12) T	1,1-Dichloroethene	0.406	0.377	0.425	0.394	0.366	0.394	5.89
13) T	Acetone	0.179	0.130	0.222	0.186	0.185	0.180	18.19
14) T	Carbon disulfide	0.916	0.904	1.042	1.006	0.968	0.967	6.09
15) T	Methyl Acetate	0.219	0.187	0.234	0.211	0.226	0.216	8.38
16) T	Methylene chloride	0.401	0.390	0.391	0.385	0.367	0.387	3.21
17) T	Methyl tert-butyl E	0.857	0.875	1.073	1.080	1.043	0.986	11.17
18) T	trans-1,2-Dichloroe	0.336	0.329	0.383	0.373	0.357	0.356	6.53
19) T	1,1-Dichloroethane	0.623	0.665	0.719	0.733	0.693	0.687	6.40
20) S	2-Butanone-d5	0.099	0.094	0.129	0.122	0.139	0.117	16.70
21)	2-Butanone	0.124	0.118	0.213	0.195	0.205	0.171	26.95
22) T	cis-1,2-Dichloroeth	0.384	0.377	0.426	0.432	0.412	0.406	6.03
23) T	Bromochloromethane	0.154	0.166	0.203	0.199	0.191	0.183	11.76
24) S	Chloroform-d	0.624	0.692	0.664	0.723	0.704	0.682	5.63
25) T	Chloroform	0.731	0.721	0.807	0.790	0.735	0.757	5.13
26) S	1,2-Dichloroethane-	0.408	0.407	0.419	0.451	0.443	0.426	4.75
27) T	1,2-Dichloroethane	0.519	0.512	0.585	0.585	0.564	0.553	6.42

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.275	1.274	1.292	1.369	1.368	1.316	3.70
30) T	Cyclohexane	0.604	0.558	0.670	0.658	0.645	0.627	7.31
31) T	1,1,1-Trichloroetha	0.612	0.562	0.661	0.651	0.631	0.623	6.31
32) T	Carbon tetrachlorid	0.498	0.508	0.579	0.569	0.561	0.543	6.85
33) S	1,2-Dichloropropane	0.417	0.408	0.401	0.434	0.435	0.419	3.61
34) T	Benzene	1.350	1.339	1.542	1.578	1.529	1.468	7.76
35) T	Trichloroethene	0.394	0.368	0.442	0.432	0.419	0.411	7.30
36) T	Methylcyclohexane	0.628	0.571	0.696	0.704	0.695	0.659	8.77
37) S	Toluene-d8	1.163	1.211	1.252	1.337	1.337	1.260	6.13
38) S	trans-1,3-Dichlorop	0.166	0.167	0.186	0.214	0.222	0.191	13.54
39) S	2-Hexanone-d5	0.073	0.068	0.095	0.095	0.107	0.088	18.77
40) T	1,2-Dichloropropane	0.352	0.357	0.415	0.421	0.407	0.390	8.50
41) T	Bromodichloromethan	0.478	0.454	0.576	0.594	0.580	0.536	12.17
42) T	cis-1,3-Dichloropro	0.467	0.522	0.675	0.715	0.708	0.618	18.60
43) T	4-Methyl-2-pentanone	0.288	0.267	0.367	0.347	0.375	0.329	14.70
44) T	Toluene	1.482	1.475	1.793	1.795	1.788	1.667	10.31
45) T	trans-1,3-Dichlorop	0.415	0.418	0.565	0.595	0.607	0.520	18.34
46) T	1,1,2-Trichloroetha	0.307	0.285	0.331	0.342	0.339	0.321	7.54
47) T	Tetrachloroethene	0.274	0.291	0.322	0.306	0.295	0.298	5.99
48) S	1,1,2,2-Tetrachloro	0.354	0.342	0.399	0.418	0.458	0.394	12.08
49) T	2-Hexanone	0.191	0.169	0.306	0.276	0.307	0.250	26.12
50) T	Dibromochloromethan	0.305	0.296	0.409	0.414	0.421	0.369	17.02
51) T	1,2-Dibromoethane	0.273	0.262	0.340	0.332	0.341	0.310	12.54
52) T	Chlorobenzene	0.994	0.956	1.162	1.184	1.148	1.089	9.71

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.728	1.650	2.115	2.086	2.085	1.933	11.62
54) T	m,p-Xylene	0.629	0.630	0.780	0.769	0.803	0.722	11.86
55) T	o-xylene	0.602	0.607	0.786	0.788	0.799	0.716	14.26
56) T	Styrene	0.965	0.970	1.331	1.377	1.414	1.211	18.55
57) T	Isopropylbenzene	1.600	1.646	2.126	2.086	2.096	1.911	13.80
58) T	1,1,2,2-Tetrachloro	0.362	0.343	0.460	0.453	0.483	0.420	15.05
59)	1,2,3-Trichloroprop	0.297	0.269	0.369	0.340	0.365	0.328	13.37
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.988	0.957	0.957	0.983	0.956	0.968	1.64
62) T	Bromoform	0.348	0.352	0.457	0.471	0.501	0.426	16.66
63) T	1,3-Dichlorobenzene	1.652	1.606	1.873	1.831	1.738	1.740	6.53
64) T	1,4-Dichlorobenzene	1.731	1.633	1.919	1.844	1.760	1.778	6.16
65) T	1,2-Dichlorobenzene	1.653	1.512	1.812	1.769	1.704	1.690	6.90
66) T	1,2-Dibromo-3-chlor	0.150	0.133	0.167	0.164	0.171	0.157	9.86
67)	1,3,5-Trichlorobenz	1.188	1.133	1.372	1.335	1.240	1.254	7.96
68) T	1,2,4-trichlorobenz	0.792	0.798	1.090	1.112	1.058	0.970	16.60
69)	Naphthalene	1.380	1.348	2.490	2.516	2.647	2.076	31.45
70) T	1,2,3-Trichlorobenz	0.719	0.712	1.062	1.047	1.010	0.910	19.62

(#) = Out of Range