Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090319\
Data File : VN057667.D
Acq On : 3 Sep 2019 17:05
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN090319

Quant Time: Sep 04 02:22:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 04 02:08:50 2019
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	125	0.00
2	M	Dichlorodifluoromethane	2.161	2.386	-10.4	145	0.00
3	M	Chloromethane	2.279	2.440	-7.1	135	0.00
4	M	Vinyl Chloride	1.864	1.995	-7.0	135	0.00
5	M	Bromomethane	1.192	1.366	-14.6	139	0.00
6	M	Chloroethane	1.361	1.382	-1.5	124	0.00
7	M	Trichlorofluoromethane	3.570	3.823	-7.1	140	0.00
8	T	Diethyl Ether	1.174	1.254	-6.8	133	0.00
9		1,1,2-Trichlorotrifluoroeth	1.855	1.947	-5.0	134	0.00
10	M	1,1-Dichloroethene	1.692	1.824	-7.8	138	0.00
11		Methyl Iodide	2.344	2.280	2.7	131	0.00
12		Methyl Acetate	2.527	2.740	-8.4	137	0.00
13	M	Acrolein	0.143	0.140	2.1	119	0.00
14	M	Acrylonitrile	0.920	0.961	-4.5	134	0.00
15	M	Acetone	0.258	0.291	-12.8	149	0.00
16	M	Carbon Disulfide	4.252	4.413	-3.8	140	0.00
17		Allyl chloride	3.615	3.891	-7.6	148	0.00
18	M	Methylene Chloride	2.121	2.170	-2.3	133	0.00
19	M	trans-1,2-Dichloroethene	1.790	1.917	-7.1	137	0.00
20	T	Diisopropyl ether	7.789	8.316	-6.8	133	0.00
21	M	1,1-Dichloroethane	4.015	4.241	-5.6	132	0.00
22	M	cis-1,2-Dichloroethene	2.187	2.285	-4.5	130	0.00
23	M	tert-Butyl Alcohol	0.334	0.380	-13.8	152#	0.00
24	M	Methyl tert-Butyl Ether	6.725	7.183	-6.8	136	0.00
25	M	Chloroform	4.162	4.420	-6.2	134	0.00
26		Cyclohexane	3.419	3.502	-2.4	129	0.00
27	s	1,2-Dichloroethane-d4	3.189	3.312	-3.9	126	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	126	0.00
29		1,1-Dichloropropene	0.479	0.491	-2.5	133	0.00
30	M	2-Butanone	0.226	0.241	-6.6	140	0.00
31		2,2-Dichloropropane	0.593	0.621	-4.7	141	0.00
32	M	1,1,1-Trichloroethane	0.593	0.611	-3.0	138	0.00
33	M	Carbon Tetrachloride	0.482	0.501	-3.9	142	0.00
34	M	Benzene	1.376	1.401	-1.8	132	0.00
35		Methacrylonitrile	0.207	0.195	5.8	136	0.00
36	M	1,2-Dichloroethane	0.613	0.631	-2.9	137	0.00
37	M	Trichloroethene	0.327	0.338	-3.4	136	0.00
38		Methylcyclohexane	0.532	0.552	-3.8	137	0.00
39	M	1,2-Dichloropropane	0.376	0.389	-3.5	134	0.00
40		Dibromomethane	0.244	0.257	-5.3	140	0.00
41	M	Bromodichloromethane	0.527	0.523	0.8	135	0.00
42	M	Vinyl Acetate	0.995	1.093	-9.8	137	0.00
43		Ethyl Acetate	0.466	0.494	-6.0	146	0.00
44		Isopropyl Acetate	0.871	0.904	-3.8	137	0.00
45	T	1,4-Dioxane	0.006	0.006#	0.0	140	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.423	0.440	-4.0	142	0.00
47		n-amyl Acetate	0.676	0.677	-0.1	147	0.00
48	M	t-1,3-Dichloropropene	0.553	0.542	2.0	134	0.00
49	T	cis-1,3-Dichloropropene	0.590	0.600	-1.7	136	0.00
50	M	1,1,2-Trichloroethane	0.329	0.329	0.0	132	0.00
51		Ethyl methacrylate	0.536	0.529	1.3	137	0.00
52		1,3-Dichloropropane	0.586	0.595	-1.5	133	0.00
53	M	Dibromochloromethane	0.343	0.344	-0.3	143	0.00
54	M	1,2-Dibromoethane	0.329	0.339	-3.0	139	0.00
55	M	2-Chloroethyl vinyl ether	0.169	0.164	3.0	144	0.00
56	M	Bromoform	0.213	0.198	7.0	140	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	125	0.00
58	M	4-Methyl-2-Pentanone	0.530	0.605	-14.2	140	0.00
59	M	2-Hexanone	0.375	0.412	-9.9	147	0.00
60	S	4-Bromofluorobenzene	0.513	0.496	3.3	131	0.00
61	M	Tetrachloroethene	0.344	0.364	-5.8	129	0.00
62	M	Toluene	1.684	1.768	-5.0	134	0.00
63	S	Toluene-d8	1.445	1.464	-1.3	124	0.00
64	M	Chlorobenzene	0.989	1.010	-2.1	137	0.00
65		1,1,1,2-Tetrachloroethane	0.362	0.381	-5.2	142	0.00
66	M	Ethyl Benzene	1.883	1.987	-5.5	135	0.00
67	M	m/p-Xylenes	0.660	0.668	-1.2	135	0.00
68	M	o-Xylene	0.658	0.652	0.9	132	0.00
69	M	Styrene	1.054	1.040	1.3	137	0.00
70		Isopropylbenzene	1.803	1.875	-4.0	135	0.00
71	M	1,1,2,2-Tetrachloroethane	0.475	0.500	-5.3	137	0.00
72		1,2,3-Trichloropropane	0.446	0.488	-9.4	149	0.00
73		Bromobenzene	0.382	0.381	0.3	142	0.00
74		n-propylbenzene	1.996	2.064	-3.4	142	0.00
75		2-Chlorotoluene	1.250	1.257	-0.6	138	0.00
76		1,3,5-Trimethylbenzene	1.497	1.558	-4.1	143	0.00
77		t-1,4-Dichloro-2-butene	0.136	0.135	0.7	154#	0.00
78		4-Chlorotoluene	1.188	1.184	0.3	147	0.00
79		tert-butylbenzene	1.286	1.315	-2.3	140	0.00
80		1,2,4-Trimethylbenzene	1.407	1.488	-5.8	146	0.00
81		sec-Butylbenzene	1.657	1.696	-2.4	142	0.00
82		p-Isopropyltoluene	1.407	1.435	-2.0	145	0.00
83	M	1,3-Dichlorobenzene	0.572	0.578	-1.0	153#	0.00
84	M	1,4-Dichlorobenzene	0.540	0.527	2.4	152#	0.00
85		n-Butylbenzene	1.237	1.325	-7.1	150	0.00
86	T	Hexachloroethane	0.255	0.265	-3.9	148	0.00
87	M	1,2-Dichlorobenzene	0.528	0.531	-0.6	149	0.00
88		1,2-Dibromo-3-Chloropropane	0.070	0.064	8.6	171#	0.00
89		1,2,4-Trichlorobenzene	0.183	0.151	17.5	207#	0.00
90		Hexachlorobutadiene	0.203	0.233	-14.8	153#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.475	0.346	27.2	195#	0.00
92	1,2,3-Trichlorobenzene	0.178	0.136	23.6	190#	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0