Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040120\
Data File : VX015459.D
Acq On : 01 Apr 2020 11:08
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Apr 02 09:26:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
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	100	-0.01
2	M	Dichlorodifluoromethane	1.433	1.508	-5.2	114	0.00
3	M	Chloromethane	1.768	1.764	0.2	112	0.00
4	M	Vinyl Chloride	1.701	1.835	-7.9	118	0.00
5	M	Bromomethane	0.905	1.088	-20.2	104	0.00
6	M	Chloroethane	1.061	1.150	-8.4	114	0.00
7	M	Trichlorofluoromethane	2.431	2.776	-14.2	121	0.00
8	T	Diethyl Ether	0.935	1.049	-12.2	121	0.00
9		1,1,2-Trichlorotrifluoroeth	1.608	1.852	-15.2	121	0.00
10	M	1,1-Dichloroethene	1.634	1.809	-10.7	117	0.00
11		Methyl Iodide	2.171	2.064	4.9	108	0.00
12		Methyl Acetate	2.390	2.553	-6.8	112	0.00
13	M	Acrolein	0.311	0.328	-5.5	110	0.00
14	M	Acrylonitrile	1.023	1.100	-7.5	111	0.00
15	M	Acetone	0.260	0.336	-29.2	132	0.00
16	M	Carbon Disulfide	4.775	5.350	-12.0	118	0.00
17		Allyl chloride	3.688	4.064	-10.2	116	0.00
18	M	Methylene Chloride	1.834	2.028	-10.6	117	0.00
19	M	trans-1,2-Dichloroethene	1.767	1.962	-11.0	117	0.00
20	T	Diisopropyl ether	6.615	7.426	-12.3	116	0.00
21	M	1,1-Dichloroethane	3.377	3.796	-12.4	118	0.00
22	M	cis-1,2-Dichloroethene	2.036	2.261	-11.1	118	0.00
23	M	tert-Butyl Alcohol	0.503	0.535	-6.4	109	0.00
24	M	Methyl tert-Butyl Ether	6.065	6.609	-9.0	114	0.00
25	M	Chloroform	3.338	3.718	-11.4	118	0.00
26		Cyclohexane	3.226	3.585	-11.1	117	0.00
27	s	1,2-Dichloroethane-d4	2.344	2.475	-5.6	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.451	0.497	-10.2	119	0.00
30	M	2-Butanone	0.270	0.295	-9.3	115	0.00
31		2,2-Dichloropropane	0.542	0.614	-13.3	119	0.00
32	M	1,1,1-Trichloroethane	0.550	0.586	-6.5	113	0.00
33	M	Carbon Tetrachloride	0.501	0.523	-4.4	111	0.00
34	M	Benzene	1.299	1.406	-8.2	115	0.00
35		Methacrylonitrile	0.306	0.322	-5.2	112	-0.01
36	M	1,2-Dichloroethane	0.502	0.553	-10.2	115	0.00
37	M	Trichloroethene	0.366	0.391	-6.8	114	0.00
38		Methylcyclohexane	0.553	0.608	-9.9	117	0.00
39	M	1,2-Dichloropropane	0.349	0.374	-7.2	114	0.00
40		Dibromomethane	0.232	0.242	-4.3	112	0.00
41	M	Bromodichloromethane	0.505	0.536	-6.1	114	0.00
42	M	Vinyl Acetate	1.024	1.150	-12.3	115	0.00
43		Ethyl Acetate	0.588	0.549	6.6	108	0.00
44		Isopropyl Acetate	0.946	0.978	-3.4	110	0.00
45	T	1,4-Dioxane	0.009	0.009#	0.0	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.472	0.479	-1.5	108	0.00
47		n-amyl Acetate	0.816	0.831	-1.8	111	0.00
48	M	t-1,3-Dichloropropene	0.583	0.614	-5.3	114	0.00
49	T	cis-1,3-Dichloropropene	0.601	0.652	-8.5	116	0.00
50	M	1,1,2-Trichloroethane	0.333	0.355	-6.6	114	0.00
51		Ethyl methacrylate	0.573	0.582	-1.6	110	0.00
52		1,3-Dichloropropane	0.576	0.616	-6.9	113	0.00
53	M	Dibromochloromethane	0.411	0.418	-1.7	110	0.00
54	M	1,2-Dibromoethane	0.358	0.377	-5.3	112	0.00
55	M	2-Chloroethyl vinyl ether	0.271	0.288	-6.3	111	0.00
56	M	Bromoform	0.338	0.313	7.4	102	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.574	0.622	-8.4	109	0.00
59	M	2-Hexanone	0.437	0.489	-11.9	114	0.00
60	S	4-Bromofluorobenzene	0.513	0.528	-2.9	104	0.00
61	M	Tetrachloroethene	0.386	0.416	-7.8	114	0.00
62	M	Toluene	1.520	1.677	-10.3	116	0.00
63	S	Toluene-d8	1.275	1.322	-3.7	103	0.00
64	M	Chlorobenzene	0.977	1.062	-8.7	116	0.00
65		1,1,1,2-Tetrachloroethane	0.399	0.418	-4.8	113	0.00
66	M	Ethyl Benzene	1.736	1.945	-12.0	117	0.00
67	M	m/p-Xylenes	0.657	0.716	-9.0	115	0.00
68	M	o-Xylene	0.642	0.690	-7.5	113	0.00
69	M	Styrene	1.119	1.201	-7.3	113	0.00
70		Isopropylbenzene	1.702	1.891	-11.1	116	0.00
71	M	1,1,2,2-Tetrachloroethane	0.552	0.575	-4.2	111	0.00
72		1,2,3-Trichloropropane	0.516	0.570	-10.5	115	0.00
73		Bromobenzene	0.457	0.467	-2.2	111	0.00
74		n-propylbenzene	1.953	2.230	-14.2	119	0.00
75		2-Chlorotoluene	1.188	1.305	-9.8	114	0.00
76		1,3,5-Trimethylbenzene	1.462	1.596	-9.2	114	0.00
77		t-1,4-Dichloro-2-butene	0.222	0.223	-0.5	107	0.00
78		4-Chlorotoluene	1.374	1.552	-13.0	118	0.00
79		tert-butylbenzene	1.461	1.580	-8.1	114	0.00
80		1,2,4-Trimethylbenzene	1.481	1.604	-8.3	113	0.00
81		sec-Butylbenzene	1.676	1.856	-10.7	116	0.00
82		p-Isopropyltoluene	1.580	1.729	-9.4	116	0.00
83	M	1,3-Dichlorobenzene	0.822	0.879	-6.9	116	0.00
84	M	1,4-Dichlorobenzene	0.820	0.888	-8.3	117	0.00
85		n-Butylbenzene	1.408	1.608	-14.2	121	0.00
86	T	Hexachloroethane	0.305	0.317	-3.9	114	0.00
87	M	1,2-Dichlorobenzene	0.802	0.845	-5.4	113	0.00
88		1,2-Dibromo-3-Chloropropane	0.145	0.145	0.0	105	0.00
89		1,2,4-Trichlorobenzene	0.646	0.662	-2.5	116	0.00
90		Hexachlorobutadiene	0.340	0.332	2.4	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.870	1.959	-4.8	110	0.00
92	1,2,3-Trichlorobenzene	0.642	0.634	1.2	110	0.00

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