Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121219\
Data File : VX014004.D
Acq On : 13 Dec 2019 05:03
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Dec 13 05:35:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 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	103	0.00
2	M	Dichlorodifluoromethane	1.515	1.368	9.7	96	0.00
3	M	Chloromethane	2.136	2.020	5.4	97	0.00
4	M	Vinyl Chloride	2.190	2.122	3.1	103	0.00
5	M	Bromomethane	1.601	1.351	15.6	91	0.00
6	M	Chloroethane	1.352	1.858	-37.4#	148	0.00
7	M	Trichlorofluoromethane	2.725	2.536	6.9	98	0.00
8	T	Diethyl Ether	1.252	1.241	0.9	104	0.00
9		1,1,2-Trichlorotrifluoroeth	1.625	1.473	9.4	97	0.00
10	M	1,1-Dichloroethene	1.680	1.575	6.2	100	0.00
11		Methyl Iodide	2.163	2.144	0.9	111	0.00
12		Methyl Acetate	2.601	2.422	6.9	97	0.00
13	M	Acrolein	0.315	0.128	59.4#	40	0.00
14	M	Acrylonitrile	1.017	0.973	4.3	102	0.00
15	M	Acetone	0.299	0.270	9.7	98	0.00
16	M	Carbon Disulfide	4.551	4.418	2.9	106	0.00
17		Allyl chloride	3.019	2.762	8.5	97	0.00
18	M	Methylene Chloride	2.058	2.052	0.3	105	0.00
19	M	trans-1,2-Dichloroethene	1.840	1.749	4.9	102	0.00
20	T	Diisopropyl ether	6.194	6.040	2.5	102	0.00
21	M	1,1-Dichloroethane	3.362	3.212	4.5	101	0.00
22	M	cis-1,2-Dichloroethene	2.133	2.010	5.8	100	0.00
23	M	tert-Butyl Alcohol	0.399	0.385	3.5	101	0.00
24	M	Methyl tert-Butyl Ether	5.675	5.484	3.4	102	0.00
25	M	Chloroform	3.205	3.090	3.6	101	0.00
26		Cyclohexane	2.998	2.759	8.0	96	0.00
27	s	1,2-Dichloroethane-d4	2.149	2.115	1.6	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29		1,1-Dichloropropene	0.433	0.424	2.1	101	0.00
30	M	2-Butanone	0.255	0.246	3.5	100	0.00
31		2,2-Dichloropropane	0.401	0.328	18.2	84	0.00
32	M	1,1,1-Trichloroethane	0.479	0.468	2.3	102	0.00
33	M	Carbon Tetrachloride	0.407	0.391	3.9	100	0.00
34	M	Benzene	1.351	1.343	0.6	101	0.00
35		Methacrylonitrile	0.275	0.273	0.7	101	0.00
36	M	1,2-Dichloroethane	0.469	0.469	0.0	105	0.00
37	M	Trichloroethene	0.368	0.342	7.1	96	0.00
38		Methylcyclohexane	0.517	0.491	5.0	99	0.00
39	M	1,2-Dichloropropane	0.351	0.343	2.3	100	0.00
40		Dibromomethane	0.224	0.229	-2.2	104	0.00
41	M	Bromodichloromethane	0.434	0.432	0.5	105	0.00
42	M	Vinyl Acetate	0.902	0.924	-2.4	103	0.00
43		Ethyl Acetate	0.490	0.473	3.5	100	-0.01
44		Isopropyl Acetate	0.821	0.793	3.4	102	0.00
45	T	1,4-Dioxane	0.008	0.008#	0.0	100	0.00

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ALS Vial : 45 Sample Multiplier: 1

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Quant Time: Dec 13 05:35:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.399	0.392	1.8	102	0.00
47		n-amyl Acetate	0.730	0.697	4.5	102	0.00
48	M	t-1,3-Dichloropropene	0.474	0.437	7.8	101	0.00
49	T	cis-1,3-Dichloropropene	0.533	0.493	7.5	99	0.00
50	M	1,1,2-Trichloroethane	0.346	0.341	1.4	101	0.00
51		Ethyl methacrylate	0.550	0.521	5.3	100	0.00
52		1,3-Dichloropropane	0.588	0.572	2.7	99	0.00
53	M	Dibromochloromethane	0.346	0.335	3.2	104	0.00
54	M	1,2-Dibromoethane	0.356	0.355	0.3	104	0.00
55	M	2-Chloroethyl vinyl ether	0.243	0.228	6.2	96	0.00
56	M	Bromoform	0.270	0.246	8.9	102	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.561	0.560	0.2	102	0.00
59	M	2-Hexanone	0.426	0.418	1.9	101	0.00
60	S	4-Bromofluorobenzene	0.484	0.487	-0.6	102	0.00
61	M	Tetrachloroethene	0.397	0.354	10.8	94	0.00
62	M	Toluene	1.596	1.584	0.8	101	0.00
63	S	Toluene-d8	1.341	1.376	-2.6	101	0.00
64	M	Chlorobenzene	1.000	0.979	2.1	100	0.00
65		1,1,1,2-Tetrachloroethane	0.370	0.360	2.7	103	0.00
66	M	Ethyl Benzene	1.746	1.730	0.9	102	0.00
67	M	m/p-Xylenes	0.667	0.651	2.4	99	0.00
68	M	o-Xylene	0.661	0.636	3.8	99	0.00
69	M	Styrene	1.125	1.078	4.2	101	0.00
70		Isopropylbenzene	1.709	1.662	2.8	100	0.00
71	M	1,1,2,2-Tetrachloroethane	0.606	0.609	-0.5	103	0.00
72		1,2,3-Trichloropropane	0.539	0.512	5.0	96	0.00
73		Bromobenzene	0.456	0.435	4.6	99	0.00
74		n-propylbenzene	1.938	1.871	3.5	100	0.00
75		2-Chlorotoluene	1.171	1.143	2.4	100	0.00
76		1,3,5-Trimethylbenzene	1.450	1.387	4.3	99	0.00
77		t-1,4-Dichloro-2-butene	0.178	0.149	16.3	96	0.00
78		4-Chlorotoluene	1.338	1.272	4.9	99	0.00
79		tert-butylbenzene	1.397	1.397	0.0	103	0.00
80		1,2,4-Trimethylbenzene	1.449	1.382	4.6	99	0.00
81		sec-Butylbenzene	1.662	1.584	4.7	100	0.00
82		p-Isopropyltoluene	1.500	1.420	5.3	100	0.00
83	M	1,3-Dichlorobenzene	0.795	0.745	6.3	100	0.00
84	M	1,4-Dichlorobenzene	0.792	0.738	6.8	99	0.00
85		n-Butylbenzene	1.261	1.128	10.5	98	0.00
86	T	Hexachloroethane	0.272	0.246	9.6	103	0.00
87	M	1,2-Dichlorobenzene	0.808	0.772	4.5	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.121	0.116	4.1	101	0.00
89		1,2,4-Trichlorobenzene	0.516	0.463	10.3	100	0.00
90		Hexachlorobutadiene	0.245	0.216	11.8	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.551	1.457	6.1	104	0.00
92	1,2,3-Trichlorobenzene	0.524	0.482	8.0	103	0.00

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