Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX121919\
Data File : VX014112.D
Acq On : 19 Dec 2019 11:07
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Dec 20 01:17:42 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	106	0.00
2	M	Dichlorodifluoromethane	1.515	1.490	1.7	107	0.00
3	M	Chloromethane	2.136	2.103	1.5	104	0.00
4	M	Vinyl Chloride	2.190	2.202	-0.5	109	0.00
5	M	Bromomethane	1.601	1.404	12.3	97	0.00
6	M	Chloroethane	1.352	1.351	0.1	110	0.01
7	M	Trichlorofluoromethane	2.725	2.776	-1.9	110	0.00
8	T	Diethyl Ether	1.252	1.207	3.6	104	0.00
9		1,1,2-Trichlorotrifluoroeth	1.625	1.698	-4.5	114	0.00
10	M	1,1-Dichloroethene	1.680	1.675	0.3	109	0.00
11		Methyl Iodide	2.163	2.016	6.8	107	0.00
12		Methyl Acetate	2.601	2.562	1.5	105	0.00
13	M	Acrolein	0.315	0.377	-19.7	120	0.00
14	M	Acrylonitrile	1.017	1.000	1.7	108	0.00
15	M	Acetone	0.299	0.451	-50.8#	168#	0.00
16	M	Carbon Disulfide	4.551	4.682	-2.9	115	0.00
17		Allyl chloride	3.019	3.007	0.4	108	0.00
18	M	Methylene Chloride	2.058	1.970	4.3	104	0.00
19	M	trans-1,2-Dichloroethene	1.840	1.832	0.4	109	0.00
20	T	Diisopropyl ether	6.194	6.069	2.0	105	0.00
21	M	1,1-Dichloroethane	3.362	3.286	2.3	106	0.00
22	M	cis-1,2-Dichloroethene	2.133	2.078	2.6	106	0.00
23	M	tert-Butyl Alcohol	0.399	0.391	2.0	106	-0.02
24	M	Methyl tert-Butyl Ether	5.675	5.472	3.6	104	0.00
25	M	Chloroform	3.205	3.201	0.1	107	-0.01
26		Cyclohexane	2.998	2.987	0.4	107	0.00
27	s	1,2-Dichloroethane-d4	2.149	2.089	2.8	102	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.433	0.447	-3.2	110	0.00
30	M	2-Butanone	0.255	0.308	-20.8	130	0.00
31		2,2-Dichloropropane	0.401	0.460	-14.7	122	0.00
32	M	1,1,1-Trichloroethane	0.479	0.483	-0.8	109	0.00
33	M	Carbon Tetrachloride	0.407	0.414	-1.7	109	0.00
34	M	Benzene	1.351	1.363	-0.9	106	0.00
35		Methacrylonitrile	0.275	0.269	2.2	102	0.00
36	M	1,2-Dichloroethane	0.469	0.468	0.2	108	0.00
37	M	Trichloroethene	0.368	0.366	0.5	106	0.00
38		Methylcyclohexane	0.517	0.557	-7.7	116	0.00
39	M	1,2-Dichloropropane	0.351	0.338	3.7	102	0.00
40		Dibromomethane	0.224	0.229	-2.2	108	0.00
41	M	Bromodichloromethane	0.434	0.430	0.9	108	0.00
42	M	Vinyl Acetate	0.902	0.935	-3.7	108	0.00
43		Ethyl Acetate	0.490	0.509	-3.9	111	-0.01
44		Isopropyl Acetate	0.821	0.799	2.7	106	0.00
45	T	1,4-Dioxane	0.008	0.008#	0.0	110	0.00

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Dec 20 01:17:42 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
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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	0.389	2.5	105	0.00
47		n-amyl Acetate	0.730	0.666	8.8	100	0.00
48	M	t-1,3-Dichloropropene	0.474	0.473	0.2	113	0.00
49	T	cis-1,3-Dichloropropene	0.533	0.539	-1.1	111	0.00
50	M	1,1,2-Trichloroethane	0.346	0.340	1.7	104	0.00
51		Ethyl methacrylate	0.550	0.526	4.4	104	0.00
52		1,3-Dichloropropane	0.588	0.585	0.5	104	0.00
53	M	Dibromochloromethane	0.346	0.345	0.3	110	0.00
54	M	1,2-Dibromoethane	0.356	0.356	0.0	107	0.00
55	M	2-Chloroethyl vinyl ether	0.243	0.279	-14.8	122	0.00
56	M	Bromoform	0.270	0.252	6.7	108	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.561	0.563	-0.4	105	0.00
59	M	2-Hexanone	0.426	0.468	-9.9	115	0.00
60	S	4-Bromofluorobenzene	0.484	0.485	-0.2	104	0.00
61	M	Tetrachloroethene	0.397	0.417	-5.0	114	0.00
62	M	Toluene	1.596	1.642	-2.9	107	0.00
63	S	Toluene-d8	1.341	1.379	-2.8	103	0.00
64	M	Chlorobenzene	1.000	1.016	-1.6	106	0.00
65		1,1,1,2-Tetrachloroethane	0.370	0.361	2.4	105	0.00
66	M	Ethyl Benzene	1.746	1.781	-2.0	107	0.00
67	M	m/p-Xylenes	0.667	0.685	-2.7	107	0.00
68	M	o-Xylene	0.661	0.654	1.1	104	0.00
69	M	Styrene	1.125	1.107	1.6	106	0.00
70		Isopropylbenzene	1.709	1.743	-2.0	107	0.00
71	M	1,1,2,2-Tetrachloroethane	0.606	0.570	5.9	98	0.00
72		1,2,3-Trichloropropane	0.539	0.475	11.9	91	0.00
73		Bromobenzene	0.456	0.446	2.2	104	0.00
74		n-propylbenzene	1.938	2.008	-3.6	110	0.00
75		2-Chlorotoluene	1.171	1.184	-1.1	106	0.00
76		1,3,5-Trimethylbenzene	1.450	1.447	0.2	106	0.00
77		t-1,4-Dichloro-2-butene	0.178	0.174	2.2	115	0.00
78		4-Chlorotoluene	1.338	1.342	-0.3	107	0.00
79		tert-butylbenzene	1.397	1.391	0.4	105	0.00
80		1,2,4-Trimethylbenzene	1.449	1.427	1.5	104	0.00
81		sec-Butylbenzene	1.662	1.682	-1.2	108	0.00
82		p-Isopropyltoluene	1.500	1.550	-3.3	111	0.00
83	M	1,3-Dichlorobenzene	0.795	0.793	0.3	109	0.00
84	M	1,4-Dichlorobenzene	0.792	0.782	1.3	107	0.00
85		n-Butylbenzene	1.261	1.308	-3.7	117	0.00
86	T	Hexachloroethane	0.272	0.262	3.7	112	0.00
87	M	1,2-Dichlorobenzene	0.808	0.782	3.2	105	0.00
88		1,2-Dibromo-3-Chloropropane	0.121	0.118	2.5	105	0.00
89		1,2,4-Trichlorobenzene	0.516	0.519	-0.6	115	0.00
90		Hexachlorobutadiene	0.245	0.258	-5.3	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.551	1.498	3.4	109	0.00
92	1,2,3-Trichlorobenzene	0.524	0.521	0.6	113	0.00

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