Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021617.D
Acq On : 30 Mar 2021 09:42
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Mar 31 04:38:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032621W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Mar 27 04:47:38 2021
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	2.791	2.685	3.8	103	0.00
3	M	Chloromethane	2.549	2.353	7.7	103	0.00
4	M	Vinyl Chloride	2.265	2.077	8.3	105	0.00
5	M	Bromomethane	0.911	0.996	-9.3	118	0.00
6	M	Chloroethane	1.352	1.222	9.6	105	0.00
7	M	Trichlorofluoromethane	3.401	3.203	5.8	106	0.00
8	T	Diethyl Ether	1.119	1.004	10.3	106	0.00
9		1,1,2-Trichlorotrifluoroeth	1.886	1.716	9.0	105	0.00
10	M	1,1-Dichloroethene	1.787	1.637	8.4	103	0.00
11		Methyl Iodide	1.489	1.290	13.4	119	0.00
12		Methyl Acetate	3.653	3.338	8.6	100	0.00
13	M	Acrolein	0.344	0.301	12.5	101	0.00
14	M	Acrylonitrile	1.139	0.955	16.2	97	0.00
15	M	Acetone	0.302	0.285	5.6	109	0.00
16	M	Carbon Disulfide	4.995	4.408	11.8	102	0.00
17		Allyl chloride	3.467	3.098	10.6	103	0.00
18	M	Methylene Chloride	2.112	1.925	8.9	105	0.00
19	M	trans-1,2-Dichloroethene	1.930	1.760	8.8	106	0.00
20	T	Diisopropyl ether	6.924	6.103	11.9	103	0.00
21	M	1,1-Dichloroethane	3.765	3.370	10.5	105	0.00
22	M	cis-1,2-Dichloroethene	2.232	1.968	11.8	102	-0.01
23	M	tert-Butyl Alcohol	0.483	0.387	19.9	96	0.00
24	M	Methyl tert-Butyl Ether	6.542	5.678	13.2	102	0.00
25	M	Chloroform	4.001	3.619	9.5	105	0.00
26		Cyclohexane	3.252	2.886	11.3	102	-0.01
27	s	1,2-Dichloroethane-d4	2.802	2.695	3.8	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29		1,1-Dichloropropene	0.506	0.473	6.5	103	0.00
30	M	2-Butanone	0.296	0.266	10.1	100	0.00
31		2,2-Dichloropropane	0.564	0.529	6.2	108	-0.01
32	M	1,1,1-Trichloroethane	0.626	0.597	4.6	105	-0.01
33	M	Carbon Tetrachloride	0.554	0.522	5.8	106	0.00
34	M	Benzene	1.444	1.354	6.2	103	0.00
35		Methacrylonitrile	0.325	0.292	10.2	102	-0.01
36	M	1,2-Dichloroethane	0.618	0.588	4.9	103	-0.01
37	M	Trichloroethene	0.375	0.363	3.2	107	0.00
38		Methylcyclohexane	0.561	0.531	5.3	108	0.00
39	M	1,2-Dichloropropane	0.385	0.365	5.2	105	0.00
40		Dibromomethane	0.281	0.266	5.3	103	-0.01
41	M	Bromodichloromethane	0.579	0.541	6.6	104	0.00
42	M	Vinyl Acetate	1.016	0.907	10.7	101	0.00
43		Ethyl Acetate	0.563	0.516	8.3	100	0.00
44		Isopropyl Acetate	0.943	0.825	12.5	97	0.00
45	T	1,4-Dioxane	0.009	0.008#	11.1	97	0.00
46		Methyl methacrylate	0.517	0.446	13.7	96	0.00
47		n-amyl Acetate	0.815	0.702	13.9	99	0.00
48	M	t-1,3-Dichloropropene	0.584	0.524	10.3	105	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.625	0.578	7.5	105	0.00
50	M	1,1,2-Trichloroethane	0.378	0.350	7.4	106	0.00
51		Ethyl methacrylate	0.552	0.481	12.9	102	0.00
52		1,3-Dichloropropane	0.646	0.596	7.7	101	0.00
53	M	Dibromochloromethane	0.431	0.395	8.4	106	0.00
54	M	1,2-Dibromoethane	0.406	0.377	7.1	103	0.00
55	M	2-Chloroethyl vinyl ether	0.307	0.273	11.1	98	0.00
56	M	Bromoform	0.304	0.279	8.2	106	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.633	0.564	10.9	97	0.00
59	M	2-Hexanone	0.476	0.422	11.3	98	0.00
60	S	4-Bromofluorobenzene	0.528	0.517	2.1	104	0.00
61	M	Tetrachloroethene	0.364	0.374	-2.7	108	0.00
62	M	Toluene	1.689	1.599	5.3	104	0.00
63	S	Toluene-d8	1.348	1.369	-1.6	104	0.00
64	M	Chlorobenzene	1.030	0.985	4.4	109	0.00
65		1,1,1,2-Tetrachloroethane	0.407	0.371	8.8	106	0.00
66	M	Ethyl Benzene	1.889	1.763	6.7	105	0.00
67	M	m/p-Xylenes	0.695	0.654	5.9	104	0.00
68	M	o-Xylene	0.671	0.615	8.3	102	0.00
69	M	Styrene	1.122	1.011	9.9	103	0.00
70		Isopropylbenzene	1.830	1.696	7.3	105	0.00
71	M	1,1,2,2-Tetrachloroethane	0.627	0.565	9.9	98	0.00
72		1,2,3-Trichloropropane	0.599	0.550	8.2	102	0.00
73		Bromobenzene	0.441	0.410	7.0	103	0.00
74		n-propylbenzene	2.148	1.974	8.1	104	0.00
75		2-Chlorotoluene	1.307	1.241	5.0	106	0.00
76		1,3,5-Trimethylbenzene	1.560	1.446	7.3	104	0.00
77		t-1,4-Dichloro-2-butene	0.191	0.158	17.3	104	0.00
78		4-Chlorotoluene	1.524	1.430	6.2	105	0.00
79		tert-butylbenzene	1.484	1.346	9.3	103	0.00
80		1,2,4-Trimethylbenzene	1.560	1.442	7.6	102	0.00
81		sec-Butylbenzene	1.723	1.615	6.3	108	0.00
82		p-Isopropyltoluene	1.573	1.436	8.7	105	0.00
83	M	1,3-Dichlorobenzene	0.791	0.712	10.0	103	0.00
84	M	1,4-Dichlorobenzene	0.792	0.737	6.9	108	0.00
85		n-Butylbenzene	1.401	1.230	12.2	105	0.00
86	T	Hexachloroethane	0.277	0.244	11.9	109	0.00
87	M	1,2-Dichlorobenzene	0.779	0.708	9.1	103	0.00
88		1,2-Dibromo-3-Chloropropane	0.147	0.128	12.9	101	0.00
89		1,2,4-Trichlorobenzene	0.490	0.424	13.5	102	0.00
90		Hexachlorobutadiene	0.207	0.200	3.4	109	0.00
91	M	Naphthalene	1.632	1.409	13.7	102	0.00
92		1,2,3-Trichlorobenzene	0.490	0.441	10.0	103	0.00

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