Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121719\
Data File : VX014069.D
Acq On : 17 Dec 2019 22:48
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Dec 18 08:06:14 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	102	0.00
2	M	Dichlorodifluoromethane	20.000	17.876	10.6	94	0.00
3	M	Chloromethane	20.000	19.582	2.1	99	0.00
4	M	Vinyl Chloride	20.000	19.405	3.0	101	0.00
5	M	Bromomethane	20.000	16.669	16.7	89	0.00
6	M	Chloroethane	20.000	19.196	4.0	102	0.01
7	M	Trichlorofluoromethane	20.000	19.666	1.7	102	0.00
8	T	Diethyl Ether	20.000	20.149	-0.7	105	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.748	1.3	104	0.00
10	M	1,1-Dichloroethene	20.000	19.728	1.4	104	0.00
11		Methyl Iodide	20.000	18.113	9.4	100	0.00
12		Methyl Acetate	20.000	20.560	-2.8	106	0.00
13	M	Acrolein	100.000	111.164	-11.2	107	0.00
14	M	Acrylonitrile	100.000	105.474	-5.5	111	0.00
15	M	Acetone	100.000	145.085	-45.1#	155	0.00
16	M	Carbon Disulfide	20.000	19.292	3.5	104	0.00
17		Allyl chloride	20.000	19.512	2.4	102	0.00
18	M	Methylene Chloride	20.000	18.618	6.9	97	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.412	2.9	103	0.00
20	T	Diisopropyl ether	20.000	19.305	3.5	99	0.00
21	M	1,1-Dichloroethane	20.000	19.064	4.7	100	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.008	5.0	100	0.00
23	M	tert-Butyl Alcohol	100.000	111.239	-11.2	115	-0.02
24	M	Methyl tert-Butyl Ether	20.000	19.381	3.1	101	0.00
25	M	Chloroform	20.000	19.645	1.8	101	0.00
26		Cyclohexane	20.000	19.243	3.8	99	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.830	0.6	100	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29		1,1-Dichloropropene	20.000	19.577	2.1	101	0.00
30	M	2-Butanone	100.000	118.871	-18.9	123	0.00
31		2,2-Dichloropropane	20.000	19.916	0.4	102	0.00
32	M	1,1,1-Trichloroethane	20.000	19.681	1.6	102	0.00
33	M	Carbon Tetrachloride	20.000	19.413	2.9	101	0.00
34	M	Benzene	20.000	19.979	0.1	101	0.00
35		Methacrylonitrile	20.000	20.095	-0.5	101	0.00
36	M	1,2-Dichloroethane	20.000	19.571	2.1	102	0.00
37	M	Trichloroethene	20.000	20.372	-1.9	105	0.00
38		Methylcyclohexane	20.000	19.294	3.5	100	0.00
39	M	1,2-Dichloropropane	20.000	19.160	4.2	98	0.00
40		Dibromomethane	20.000	19.942	0.3	102	0.00
41	M	Bromodichloromethane	20.000	19.263	3.7	101	0.00
42	M	Vinyl Acetate	100.000	68.359	31.6#	69	0.00
43		Ethyl Acetate	20.000	21.195	-6.0	109	-0.01
44		Isopropyl Acetate	20.000	20.201	-1.0	106	0.00
45	T	1,4-Dioxane	400.000	429.165	-7.3	105	0.00

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	20.210	-1.1	105	0.00
47		n-amyl Acetate	20.000	18.398	8.0	97	0.00
48	M	t-1,3-Dichloropropene	20.000	19.309	3.5	106	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.652	1.7	105	0.00
50	M	1,1,2-Trichloroethane	20.000	19.884	0.6	101	0.00
51		Ethyl methacrylate	20.000	19.459	2.7	103	0.00
52		1,3-Dichloropropane	20.000	19.590	2.1	99	0.00
53	M	Dibromochloromethane	20.000	19.132	4.3	102	0.00
54	M	1,2-Dibromoethane	20.000	19.765	1.2	102	0.00
55	M	2-Chloroethyl vinyl ether	100.000	98.683	1.3	101	0.00
56	M	Bromoform	20.000	18.613	6.9	103	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	100.000	105.131	-5.1	107	0.00
59	M	2-Hexanone	100.000	109.865	-9.9	112	0.00
60	S	4-Bromofluorobenzene	30.000	29.206	2.6	98	0.00
61	M	Tetrachloroethene	20.000	29.044	-45.2#	153	0.00
62	M	Toluene	20.000	19.940	0.3	101	0.00
63	S	Toluene-d8	30.000	30.464	-1.5	100	0.00
64	M	Chlorobenzene	20.000	19.881	0.6	101	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.196	4.0	101	0.00
66	M	Ethyl Benzene	20.000	19.594	2.0	100	0.00
67	M	m/p-Xylenes	40.000	39.097	2.3	99	0.00
68	M	o-Xylene	20.000	19.284	3.6	99	0.00
69	M	Styrene	20.000	18.781	6.1	98	0.00
70		Isopropylbenzene	20.000	19.520	2.4	100	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	17.630	11.9	90	0.00
72		1,2,3-Trichloropropane	20.000	20.515	-2.6	104	0.00
73		Bromobenzene	20.000	18.945	5.3	98	0.00
74		n-propylbenzene	20.000	19.130	4.4	99	0.00
75		2-Chlorotoluene	20.000	19.241	3.8	98	0.00
76		1,3,5-Trimethylbenzene	20.000	18.833	5.8	97	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.968	5.2	109	0.00
78		4-Chlorotoluene	20.000	18.871	5.6	98	0.00
79		tert-butylbenzene	20.000	16.878	15.6	87	0.00
80		1,2,4-Trimethylbenzene	20.000	18.742	6.3	97	0.00
81		sec-Butylbenzene	20.000	18.957	5.2	99	0.00
82		p-Isopropyltoluene	20.000	18.866	5.7	99	0.00
83	M	1,3-Dichlorobenzene	20.000	18.619	6.9	99	0.00
84	M	1,4-Dichlorobenzene	20.000	18.241	8.8	96	0.00
85		n-Butylbenzene	20.000	18.032	9.8	99	0.00
86	T	Hexachloroethane	20.000	17.780	11.1	101	0.00
87	M	1,2-Dichlorobenzene	20.000	18.439	7.8	98	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.179	4.1	100	0.00
89		1,2,4-Trichlorobenzene	20.000	17.676	11.6	98	0.00
90		Hexachlorobutadiene	20.000	19.014	4.9	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.421	7.9	101	0.00
92	1,2,3-Trichlorobenzene	20.000	18.386	8.1	102	0.00

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