Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110719\
Data File : VN059127.D
Acq On : 7 Nov 2019 17:22
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Nov 08 03:16:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 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	96	0.00
2	M	Dichlorodifluoromethane	20.000	20.176	-0.9	92	0.00
3	M	Chloromethane	20.000	20.533	-2.7	95	0.00
4	M	Vinyl Chloride	20.000	20.612	-3.1	94	0.00
5	M	Bromomethane	20.000	13.924	30.4#	62	-0.02
6	M	Chloroethane	20.000	19.834	0.8	91	0.00
7	M	Trichlorofluoromethane	20.000	21.400	-7.0	99	0.00
8	T	Diethyl Ether	20.000	22.869	-14.3	105	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	23.181	-15.9	108	0.00
10	M	1,1-Dichloroethene	20.000	21.742	-8.7	100	0.00
11		Methyl Iodide	20.000	11.307	43.5#	54	0.00
12		Methyl Acetate	20.000	23.009	-15.0	110	0.00
13	M	Acrolein	100.000	109.720	-9.7	109	0.00
14	M	Acrylonitrile	100.000	116.048	-16.0	112	0.00
15	M	Acetone	100.000	120.616	-20.6	118	0.00
16	M	Carbon Disulfide	20.000	21.437	-7.2	99	0.00
17		Allyl chloride	20.000	21.718	-8.6	101	0.00
18	M	Methylene Chloride	20.000	22.145	-10.7	103	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.760	-8.8	100	0.00
20	T	Diisopropyl ether	20.000	22.034	-10.2	103	0.00
21	M	1,1-Dichloroethane	20.000	21.721	-8.6	101	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.152	-5.8	98	0.00
23	M	tert-Butyl Alcohol	100.000	103.301	-3.3	100	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.099	-5.5	98	0.00
25	M	Chloroform	20.000	21.248	-6.2	99	0.00
26		Cyclohexane	20.000	20.721	-3.6	98	0.00
27	s	1,2-Dichloroethane-d4	30.000	28.274	5.8	89	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29		1,1-Dichloropropene	20.000	20.215	-1.1	95	0.00
30	M	2-Butanone	100.000	102.046	-2.0	99	0.00
31		2,2-Dichloropropane	20.000	20.232	-1.2	99	0.00
32	M	1,1,1-Trichloroethane	20.000	20.192	-1.0	93	0.00
33	M	Carbon Tetrachloride	20.000	20.363	-1.8	95	0.00
34	M	Benzene	20.000	21.469	-7.3	101	0.00
35		Methacrylonitrile	20.000	14.842	25.8	70	-0.02
36	M	1,2-Dichloroethane	20.000	19.502	2.5	91	0.00
37	M	Trichloroethene	20.000	20.746	-3.7	97	0.00
38		Methylcyclohexane	20.000	20.543	-2.7	98	0.00
39	M	1,2-Dichloropropane	20.000	21.441	-7.2	99	0.00
40		Dibromomethane	20.000	20.409	-2.0	95	0.00
41	M	Bromodichloromethane	20.000	20.769	-3.8	97	0.00
42	M	Vinyl Acetate	100.000	108.878	-8.9	98	0.00
43		Ethyl Acetate	20.000	20.838	-4.2	97	0.00
44		Isopropyl Acetate	20.000	20.377	-1.9	97	0.00
45	T	1,4-Dioxane	400.000	410.019	-2.5	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	20.076	-0.4	98	0.00
47		n-amyl Acetate	20.000	18.473	7.6	90	0.00
48	M	t-1,3-Dichloropropene	20.000	20.250	-1.3	97	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.955	-4.8	99	0.00
50	M	1,1,2-Trichloroethane	20.000	21.289	-6.4	100	0.00
51		Ethyl methacrylate	20.000	19.893	0.5	96	0.00
52		1,3-Dichloropropane	20.000	20.798	-4.0	97	0.00
53	M	Dibromochloromethane	20.000	20.721	-3.6	99	0.00
54	M	1,2-Dibromoethane	20.000	20.741	-3.7	98	0.00
55	M	2-Chloroethyl vinyl ether	100.000	86.802	13.2	78	0.00
56	M	Bromoform	20.000	21.405	-7.0	105	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58	M	4-Methyl-2-Pentanone	100.000	110.683	-10.7	100	0.00
59	M	2-Hexanone	100.000	102.640	-2.6	96	0.00
60	S	4-Bromofluorobenzene	30.000	28.756	4.1	93	0.00
61	M	Tetrachloroethene	20.000	21.492	-7.5	98	0.00
62	M	Toluene	20.000	21.246	-6.2	98	0.00
63	S	Toluene-d8	30.000	29.888	0.4	95	0.00
64	M	Chlorobenzene	20.000	20.707	-3.5	96	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.145	-5.7	99	0.00
66	M	Ethyl Benzene	20.000	20.822	-4.1	97	0.00
67	M	m/p-Xylenes	40.000	40.887	-2.2	96	0.00
68	M	o-Xylene	20.000	20.441	-2.2	96	0.00
69	M	Styrene	20.000	19.910	0.4	95	0.00
70		Isopropylbenzene	20.000	20.472	-2.4	95	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.192	-6.0	99	0.00
72		1,2,3-Trichloropropane	20.000	20.348	-1.7	95	0.00
73		Bromobenzene	20.000	20.444	-2.2	97	0.00
74		n-propylbenzene	20.000	20.422	-2.1	94	0.00
75		2-Chlorotoluene	20.000	20.408	-2.0	96	0.00
76		1,3,5-Trimethylbenzene	20.000	20.240	-1.2	95	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.019	-0.1	98	0.00
78		4-Chlorotoluene	20.000	20.062	-0.3	95	0.00
79		tert-butylbenzene	20.000	20.248	-1.2	95	0.00
80		1,2,4-Trimethylbenzene	20.000	20.167	-0.8	94	0.00
81		sec-Butylbenzene	20.000	19.837	0.8	92	0.00
82		p-Isopropyltoluene	20.000	19.991	0.0	94	0.00
83	M	1,3-Dichlorobenzene	20.000	19.949	0.3	95	0.00
84	M	1,4-Dichlorobenzene	20.000	19.015	4.9	90	0.00
85		n-Butylbenzene	20.000	17.842	10.8	86	0.00
86	T	Hexachloroethane	20.000	20.530	-2.7	98	0.00
87	M	1,2-Dichlorobenzene	20.000	19.569	2.2	94	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.646	6.8	88	0.00
89		1,2,4-Trichlorobenzene	20.000	16.500	17.5	80	0.00
90		Hexachlorobutadiene	20.000	20.311	-1.6	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.025	24.9	73	0.00
92	1,2,3-Trichlorobenzene	20.000	17.166	14.2	83	0.00

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