Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071620\
Data File : VN062542.D
Acq On : 16 Jul 2020 12:18
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jul 16 18:43:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
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	94	0.00
2	M	Dichlorodifluoromethane	20.000	22.629	-13.1	107	0.00
3	M	Chloromethane	20.000	20.917	-4.6	101	0.00
4	M	Vinyl Chloride	20.000	21.517	-7.6	103	0.00
5	M	Bromomethane	20.000	23.053	-15.3	117	0.00
6	M	Chloroethane	20.000	21.854	-9.3	102	0.00
7	M	Trichlorofluoromethane	20.000	21.667	-8.3	100	0.00
8	T	Diethyl Ether	20.000	21.198	-6.0	100	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	22.570	-12.9	107	0.00
10	M	1,1-Dichloroethene	20.000	21.408	-7.0	102	0.00
11		Methyl Iodide	20.000	22.212	-11.1	109	0.00
12		Methyl Acetate	20.000	20.758	-3.8	100	0.00
13	M	Acrolein	100.000	103.841	-3.8	96	0.00
14	M	Acrylonitrile	100.000	103.946	-3.9	100	0.00
15	M	Acetone	100.000	110.853	-10.9	90	0.00
16	M	Carbon Disulfide	20.000	20.823	-4.1	101	0.00
17		Allyl chloride	20.000	21.838	-9.2	100	0.00
18	M	Methylene Chloride	20.000	21.657	-8.3	102	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.349	-6.7	103	0.00
20	T	Diisopropyl ether	20.000	21.829	-9.1	103	0.00
21	M	1,1-Dichloroethane	20.000	21.746	-8.7	103	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.675	-8.4	103	0.00
23	M	tert-Butyl Alcohol	100.000	107.923	-7.9	101	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.096	-5.5	101	0.00
25	M	Chloroform	20.000	22.268	-11.3	106	0.00
26		Cyclohexane	20.000	21.286	-6.4	102	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.719	0.9	93	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29		1,1-Dichloropropene	20.000	21.943	-9.7	103	0.00
30	M	2-Butanone	100.000	109.657	-9.7	95	0.00
31		2,2-Dichloropropane	20.000	22.564	-12.8	103	0.00
32	M	1,1,1-Trichloroethane	20.000	22.484	-12.4	104	0.00
33	M	Carbon Tetrachloride	20.000	22.516	-12.6	105	0.00
34	M	Benzene	20.000	22.436	-12.2	104	0.00
35		Methacrylonitrile	20.000	18.935	5.3	84	0.00
36	M	1,2-Dichloroethane	20.000	22.622	-13.1	106	0.00
37	M	Trichloroethene	20.000	22.368	-11.8	104	0.00
38		Methylcyclohexane	20.000	21.613	-8.1	103	0.00
39	M	1,2-Dichloropropane	20.000	22.303	-11.5	103	0.00
40		Dibromomethane	20.000	22.774	-13.9	105	0.00
41	M	Bromodichloromethane	20.000	22.517	-12.6	104	0.00
42	M	Vinyl Acetate	100.000	110.236	-10.2	100	0.00
43		Ethyl Acetate	20.000	21.886	-9.4	101	0.00
44		Isopropyl Acetate	20.000	21.421	-7.1	100	0.00
45	T	1,4-Dioxane	400.000	452.216	-13.1	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	22.224	-11.1	103	0.00
47		n-amyl Acetate	20.000	20.993	-5.0	101	0.00
48	M	t-1,3-Dichloropropene	20.000	21.692	-8.5	103	0.00
49	T	cis-1,3-Dichloropropene	20.000	21.805	-9.0	103	0.00
50	M	1,1,2-Trichloroethane	20.000	22.718	-13.6	104	0.00
51		Ethyl methacrylate	20.000	20.986	-4.9	99	0.00
52		1,3-Dichloropropane	20.000	22.361	-11.8	103	0.00
53	M	Dibromochloromethane	20.000	22.576	-12.9	104	0.00
54	M	1,2-Dibromoethane	20.000	21.667	-8.3	103	0.00
55	M	2-Chloroethyl vinyl ether	100.000	50.557	49.4#	49	0.00
56	M	Bromoform	20.000	22.199	-11.0	104	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58	M	4-Methyl-2-Pentanone	100.000	108.923	-8.9	99	0.00
59	M	2-Hexanone	100.000	110.086	-10.1	100	0.00
60	S	4-Bromofluorobenzene	30.000	30.344	-1.1	97	0.00
61	M	Tetrachloroethene	20.000	23.103	-15.5	107	0.00
62	M	Toluene	20.000	22.470	-12.3	103	0.00
63	S	Toluene-d8	30.000	30.350	-1.2	93	0.00
64	M	Chlorobenzene	20.000	22.414	-12.1	107	0.00
65		1,1,1,2-Tetrachloroethane	20.000	22.345	-11.7	105	0.00
66	M	Ethyl Benzene	20.000	21.943	-9.7	104	0.00
67	M	m/p-Xylenes	40.000	44.291	-10.7	106	0.00
68	M	o-Xylene	20.000	21.606	-8.0	102	0.00
69	M	Styrene	20.000	22.094	-10.5	106	0.00
70		Isopropylbenzene	20.000	22.233	-11.2	105	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	22.351	-11.8	105	0.00
72		1,2,3-Trichloropropane	20.000	20.063	-0.3	94	0.00
73		Bromobenzene	20.000	22.500	-12.5	108	0.00
74		n-propylbenzene	20.000	22.149	-10.7	107	0.00
75		2-Chlorotoluene	20.000	22.096	-10.5	106	0.00
76		1,3,5-Trimethylbenzene	20.000	22.311	-11.6	108	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.118	-0.6	98	0.00
78		4-Chlorotoluene	20.000	21.954	-9.8	106	0.00
79		tert-butylbenzene	20.000	21.794	-9.0	104	0.00
80		1,2,4-Trimethylbenzene	20.000	21.933	-9.7	105	0.00
81		sec-Butylbenzene	20.000	22.158	-10.8	108	0.00
82		p-Isopropyltoluene	20.000	21.897	-9.5	107	0.00
83	M	1,3-Dichlorobenzene	20.000	22.401	-12.0	109	0.00
84	M	1,4-Dichlorobenzene	20.000	22.416	-12.1	112	0.00
85		n-Butylbenzene	20.000	21.251	-6.3	111	0.00
86	T	Hexachloroethane	20.000	22.075	-10.4	108	0.00
87	M	1,2-Dichlorobenzene	20.000	22.623	-13.1	109	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	21.516	-7.6	101	0.00
89		1,2,4-Trichlorobenzene	20.000	20.686	-3.4	108	0.00
90		Hexachlorobutadiene	20.000	23.425	-17.1	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.373	3.1	102	0.00
92	1,2,3-Trichlorobenzene	20.000	21.394	-7.0	109	0.00

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