Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082020\
Data File : VN063034.D
Acq On : 20 Aug 2020 13:52
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN082020

Quant Time: Aug 21 05:53:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Aug 20 14:01:17 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	92	0.00
2	M	Dichlorodifluoromethane	20.000	23.888	-19.4	109	0.00
3	M	Chloromethane	20.000	22.643	-13.2	103	0.00
4	M	Vinyl Chloride	20.000	22.755	-13.8	106	0.00
5	M	Bromomethane	20.000	22.494	-12.5	105	0.00
6	M	Chloroethane	20.000	22.325	-11.6	104	0.00
7	M	Trichlorofluoromethane	20.000	22.334	-11.7	106	0.00
8	T	Diethyl Ether	20.000	21.186	-5.9	104	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.513	-7.6	106	0.00
10	M	1,1-Dichloroethene	20.000	21.491	-7.5	106	0.00
11		Methyl Iodide	20.000	20.377	-1.9	105	0.00
12		Methyl Acetate	20.000	20.490	-2.4	98	0.00
13	M	Acrolein	100.000	81.043	19.0	86	0.00
14	M	Acrylonitrile	100.000	102.316	-2.3	99	0.00
15	M	Acetone	100.000	111.635	-11.6	108	0.00
16	M	Carbon Disulfide	20.000	21.970	-9.8	108	0.00
17		Allyl chloride	20.000	21.269	-6.3	108	0.00
18	M	Methylene Chloride	20.000	20.868	-4.3	101	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.342	-6.7	106	0.00
20	T	Diisopropyl ether	20.000	22.109	-10.5	107	0.00
21	M	1,1-Dichloroethane	20.000	21.309	-6.5	104	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.001	-5.0	106	0.00
23	M	tert-Butyl Alcohol	100.000	102.507	-2.5	98	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.137	-5.7	106	0.00
25	M	Chloroform	20.000	21.723	-8.6	108	0.00
26		Cyclohexane	20.000	21.487	-7.4	106	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.644	-2.1	92	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29		1,1-Dichloropropene	20.000	21.150	-5.7	109	0.00
30	M	2-Butanone	100.000	101.754	-1.8	104	0.00
31		2,2-Dichloropropane	20.000	21.053	-5.3	109	0.00
32	M	1,1,1-Trichloroethane	20.000	20.999	-5.0	106	0.00
33	M	Carbon Tetrachloride	20.000	20.592	-3.0	106	0.00
34	M	Benzene	20.000	20.918	-4.6	105	0.00
35		Methacrylonitrile	20.000	20.561	-2.8	98	0.00
36	M	1,2-Dichloroethane	20.000	20.613	-3.1	103	0.00
37	M	Trichloroethene	20.000	20.964	-4.8	106	0.00
38		Methylcyclohexane	20.000	20.694	-3.5	110	0.00
39	M	1,2-Dichloropropane	20.000	20.472	-2.4	103	0.00
40		Dibromomethane	20.000	21.115	-5.6	106	0.00
41	M	Bromodichloromethane	20.000	20.755	-3.8	106	0.00
42	M	Vinyl Acetate	100.000	97.356	2.6	104	0.00
43		Ethyl Acetate	20.000	19.441	2.8	97	0.00
44		Isopropyl Acetate	20.000	20.018	-0.1	103	0.00
45	T	1,4-Dioxane	400.000	409.704	-2.4	107	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.488	2.6	102	0.00
47		n-amyl Acetate	20.000	18.753	6.2	104	0.00
48	M	t-1,3-Dichloropropene	20.000	19.920	0.4	104	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.656	-3.3	105	0.00
50	M	1,1,2-Trichloroethane	20.000	20.199	-1.0	102	0.00
51		Ethyl methacrylate	20.000	19.173	4.1	103	0.00
52		1,3-Dichloropropane	20.000	20.399	-2.0	102	0.00
53	M	Dibromochloromethane	20.000	20.540	-2.7	104	0.00
54	M	1,2-Dibromoethane	20.000	20.800	-4.0	105	0.00
55	M	2-Chloroethyl vinyl ether	100.000	95.542	4.5	114	0.00
56	M	Bromoform	20.000	19.702	1.5	106	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58	M	4-Methyl-2-Pentanone	100.000	101.000	-1.0	100	0.00
59	M	2-Hexanone	100.000	99.861	0.1	102	0.00
60	S	4-Bromofluorobenzene	30.000	29.936	0.2	96	0.00
61	M	Tetrachloroethene	20.000	20.520	-2.6	102	0.00
62	M	Toluene	20.000	20.917	-4.6	106	0.00
63	S	Toluene-d8	30.000	30.219	-0.7	93	0.00
64	M	Chlorobenzene	20.000	20.980	-4.9	106	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.513	-2.6	104	0.00
66	M	Ethyl Benzene	20.000	20.392	-2.0	107	0.00
67	M	m/p-Xylenes	40.000	42.108	-5.3	109	0.00
68	M	o-Xylene	20.000	20.248	-1.2	106	0.00
69	M	Styrene	20.000	20.422	-2.1	107	0.00
70		Isopropylbenzene	20.000	21.142	-5.7	110	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.460	-2.3	101	0.00
72		1,2,3-Trichloropropane	20.000	18.567	7.2	92	0.00
73		Bromobenzene	20.000	20.285	-1.4	106	0.00
74		n-propylbenzene	20.000	20.800	-4.0	109	0.00
75		2-Chlorotoluene	20.000	20.661	-3.3	108	0.00
76		1,3,5-Trimethylbenzene	20.000	20.675	-3.4	108	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.426	2.9	105	0.00
78		4-Chlorotoluene	20.000	20.343	-1.7	107	0.00
79		tert-butylbenzene	20.000	20.193	-1.0	108	0.00
80		1,2,4-Trimethylbenzene	20.000	20.756	-3.8	109	0.00
81		sec-Butylbenzene	20.000	20.514	-2.6	110	0.00
82		p-Isopropyltoluene	20.000	20.087	-0.4	109	0.00
83	M	1,3-Dichlorobenzene	20.000	20.277	-1.4	106	0.00
84	M	1,4-Dichlorobenzene	20.000	19.672	1.6	105	0.00
85		n-Butylbenzene	20.000	19.067	4.7	111	0.00
86	T	Hexachloroethane	20.000	20.244	-1.2	107	0.00
87	M	1,2-Dichlorobenzene	20.000	20.201	-1.0	104	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.729	6.4	98	0.00
89		1,2,4-Trichlorobenzene	20.000	18.206	9.0	110	0.00
90		Hexachlorobutadiene	20.000	20.751	-3.8	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.226	18.9	103	0.00
92	1,2,3-Trichlorobenzene	20.000	18.140	9.3	106	0.00

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