Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041619\
Data File : VN055090.D
Acq On : 16 Apr 2019 20:23
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Apr 17 02:07:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:55:25 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	103	0.00
2	M	Dichlorodifluoromethane	20.000	19.685	1.6	98	0.00
3	M	Chloromethane	20.000	20.572	-2.9	107	0.00
4	M	Vinyl Chloride	20.000	19.787	1.1	102	0.00
5	M	Bromomethane	20.000	20.215	-1.1	106	0.00
6	M	Chloroethane	20.000	19.356	3.2	100	0.00
7	M	Trichlorofluoromethane	20.000	20.007	-0.0	101	0.00
8	T	Diethyl Ether	20.000	20.433	-2.2	106	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.595	2.0	99	0.00
10	M	1,1-Dichloroethene	20.000	19.065	4.7	98	0.00
11		Methyl Iodide	20.000	20.558	-2.8	110	0.00
12		Methyl Acetate	20.000	24.946	-24.7	133	0.00
13	M	Acrolein	100.000	94.830	5.2	102	0.00
14	M	Acrylonitrile	100.000	112.313	-12.3	121	0.00
15	M	Acetone	100.000	78.291	21.7	70	0.00
16	M	Carbon Disulfide	20.000	18.755	6.2	103	0.00
17		Allyl chloride	20.000	20.719	-3.6	109	0.00
18	M	Methylene Chloride	20.000	20.909	-4.5	110	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.561	-2.8	107	0.00
20	T	Diisopropyl ether	20.000	21.202	-6.0	112	0.00
21	M	1,1-Dichloroethane	20.000	21.074	-5.4	110	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.698	-3.5	109	0.00
23	M	tert-Butyl Alcohol	100.000	120.714	-20.7	136	0.00
24	M	Methyl tert-Butyl Ether	20.000	22.214	-11.1	119	0.00
25	M	Chloroform	20.000	20.847	-4.2	108	0.00
26		Cyclohexane	20.000	19.914	0.4	105	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.841	0.5	100	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29		1,1-Dichloropropene	20.000	20.560	-2.8	105	0.00
30	M	2-Butanone	100.000	106.989	-7.0	106	0.00
31		2,2-Dichloropropane	20.000	19.963	0.2	104	0.00
32	M	1,1,1-Trichloroethane	20.000	21.485	-7.4	111	0.00
33	M	Carbon Tetrachloride	20.000	20.026	-0.1	106	0.00
34	M	Benzene	20.000	20.518	-2.6	105	0.00
35		Methacrylonitrile	20.000	21.557	-7.8	109	0.00
36	M	1,2-Dichloroethane	20.000	20.972	-4.9	107	0.00
37	M	Trichloroethene	20.000	20.481	-2.4	104	0.00
38		Methylcyclohexane	20.000	18.889	5.6	97	0.00
39	M	1,2-Dichloropropane	20.000	21.303	-6.5	110	0.00
40		Dibromomethane	20.000	21.701	-8.5	110	0.00
41	M	Bromodichloromethane	20.000	20.102	-0.5	106	0.00
42	M	Vinyl Acetate	100.000	110.363	-10.4	119	0.00
43		Ethyl Acetate	20.000	22.172	-10.9	117	0.00
44		Isopropyl Acetate	20.000	22.583	-12.9	125	0.00
45	T	1,4-Dioxane	400.000	423.754	-5.9	106	0.00

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	23.277	-16.4	131	0.00
47		n-amyl Acetate	20.000	23.629	-18.1	134	0.00
48	M	t-1,3-Dichloropropene	20.000	20.244	-1.2	117	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.823	-4.1	113	0.00
50	M	1,1,2-Trichloroethane	20.000	21.449	-7.2	111	0.00
51		Ethyl methacrylate	20.000	22.293	-11.5	127	0.00
52		1,3-Dichloropropane	20.000	21.842	-9.2	113	0.00
53	M	Dibromochloromethane	20.000	20.547	-2.7	112	0.00
54	M	1,2-Dibromoethane	20.000	21.510	-7.6	118	0.00
55	M	2-Chloroethyl vinyl ether	100.000	98.673	1.3	105	0.00
56	M	Bromoform	20.000	19.656	1.7	114	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	100.000	115.054	-15.1	123	0.00
59	M	2-Hexanone	100.000	109.637	-9.6	112	0.00
60	S	4-Bromofluorobenzene	30.000	29.001	3.3	100	0.00
61	M	Tetrachloroethene	20.000	19.693	1.5	98	0.00
62	M	Toluene	20.000	20.493	-2.5	105	0.00
63	S	Toluene-d8	30.000	29.865	0.5	99	0.00
64	M	Chlorobenzene	20.000	20.671	-3.4	106	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.406	-7.0	114	0.00
66	M	Ethyl Benzene	20.000	20.274	-1.4	105	0.00
67	M	m/p-Xylenes	40.000	41.050	-2.6	105	0.00
68	M	o-Xylene	20.000	20.691	-3.5	106	0.00
69	M	Styrene	20.000	19.990	0.1	105	0.00
70		Isopropylbenzene	20.000	20.210	-1.1	103	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	22.475	-12.4	116	0.00
72		1,2,3-Trichloropropane	20.000	23.094	-15.5	117	0.00
73		Bromobenzene	20.000	19.985	0.1	104	0.00
74		n-propylbenzene	20.000	19.738	1.3	100	0.00
75		2-Chlorotoluene	20.000	20.548	-2.7	104	0.00
76		1,3,5-Trimethylbenzene	20.000	20.060	-0.3	101	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.362	-1.8	126	0.00
78		4-Chlorotoluene	20.000	19.865	0.7	103	0.00
79		tert-butylbenzene	20.000	20.090	-0.4	102	0.00
80		1,2,4-Trimethylbenzene	20.000	20.113	-0.6	104	0.00
81		sec-Butylbenzene	20.000	19.640	1.8	99	0.00
82		p-Isopropyltoluene	20.000	19.412	2.9	98	0.00
83	M	1,3-Dichlorobenzene	20.000	19.297	3.5	101	0.00
84	M	1,4-Dichlorobenzene	20.000	18.952	5.2	101	0.00
85		n-Butylbenzene	20.000	18.057	9.7	97	0.00
86	T	Hexachloroethane	20.000	18.852	5.7	101	0.00
87	M	1,2-Dichlorobenzene	20.000	20.063	-0.3	104	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	21.232	-6.2	115	0.00
89		1,2,4-Trichlorobenzene	20.000	17.386	13.1	107	0.00
90		Hexachlorobutadiene	20.000	20.784	-3.9	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.559	7.2	124	0.00
92	1,2,3-Trichlorobenzene	20.000	18.648	6.8	109	0.00

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