Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011019\
Data File : VN053331.D
Acq On : 10 Jan 2019 9:03
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jan 11 05:56:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N122818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 28 10:33:50 2018
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	101	0.00
2	M	Dichlorodifluoromethane	20.000	20.419	-2.1	101	0.00
3	M	Chloromethane	20.000	20.098	-0.5	102	0.00
4	M	Vinyl Chloride	20.000	19.059	4.7	96	0.00
5	M	Bromomethane	20.000	19.748	1.3	102	0.00
6	M	Chloroethane	20.000	19.921	0.4	101	0.00
7	M	Trichlorofluoromethane	20.000	19.980	0.1	102	0.00
8	T	Diethyl Ether	20.000	20.246	-1.2	105	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.502	-2.5	104	0.00
10	M	1,1-Dichloroethene	20.000	19.388	3.1	100	0.00
11		Methyl Iodide	20.000	20.468	-2.3	105	0.00
12		Methyl Acetate	20.000	21.364	-6.8	115	0.00
13	M	Acrolein	100.000	88.466	11.5	93	0.00
14	M	Acrylonitrile	100.000	104.972	-5.0	107	0.00
15	M	Acetone	100.000	136.560	-36.6#	136	0.00
16	M	Carbon Disulfide	20.000	18.565	7.2	97	0.00
17		Allyl chloride	20.000	18.710	6.4	93	0.00
18	M	Methylene Chloride	20.000	19.685	1.6	101	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.358	3.2	99	0.00
20	T	Diisopropyl ether	20.000	19.954	0.2	100	0.00
21	M	1,1-Dichloroethane	20.000	19.719	1.4	101	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.714	1.4	102	0.00
23	M	tert-Butyl Alcohol	100.000	100.546	-0.5	107	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.095	-0.5	102	0.00
25	M	Chloroform	20.000	19.984	0.1	101	0.00
26		Cyclohexane	20.000	19.788	1.1	102	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.954	0.2	99	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29		1,1-Dichloropropene	20.000	19.541	2.3	102	0.00
30	M	2-Butanone	100.000	114.435	-14.4	115	0.00
31		2,2-Dichloropropane	20.000	19.860	0.7	103	0.00
32	M	1,1,1-Trichloroethane	20.000	19.812	0.9	102	0.00
33	M	Carbon Tetrachloride	20.000	19.989	0.1	104	0.00
34	M	Benzene	20.000	19.760	1.2	101	0.00
35		Methacrylonitrile	20.000	18.033	9.8	90	0.00
36	M	1,2-Dichloroethane	20.000	20.170	-0.9	102	0.00
37	M	Trichloroethene	20.000	20.102	-0.5	104	0.00
38		Methylcyclohexane	20.000	21.148	-5.7	111	0.00
39	M	1,2-Dichloropropane	20.000	20.017	-0.1	103	0.00
40		Dibromomethane	20.000	20.118	-0.6	104	0.00
41	M	Bromodichloromethane	20.000	19.693	1.5	103	0.00
42	M	Vinyl Acetate	100.000	101.799	-1.8	103	0.00
43		Ethyl Acetate	20.000	20.430	-2.1	101	0.00
44		Isopropyl Acetate	20.000	20.891	-4.5	109	0.00
45	T	1,4-Dioxane	400.000	385.149	3.7	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.895	0.5	104	0.00
47		n-amyl Acetate	20.000	20.737	-3.7	111	0.00
48	M	t-1,3-Dichloropropene	20.000	19.738	1.3	104	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.834	0.8	104	0.00
50	M	1,1,2-Trichloroethane	20.000	20.556	-2.8	105	0.00
51		Ethyl methacrylate	20.000	20.538	-2.7	109	0.00
52		1,3-Dichloropropane	20.000	20.414	-2.1	105	0.00
53	M	Dibromochloromethane	20.000	20.302	-1.5	107	0.00
54	M	1,2-Dibromoethane	20.000	20.294	-1.5	104	0.00
55	M	2-Chloroethyl vinyl ether	100.000	85.080	14.9	87	0.00
56	M	Bromoform	20.000	20.545	-2.7	109	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	100.000	107.034	-7.0	109	0.00
59	M	2-Hexanone	100.000	112.770	-12.8	115	0.00
60	S	4-Bromofluorobenzene	30.000	30.994	-3.3	108	0.00
61	M	Tetrachloroethene	20.000	20.710	-3.6	107	0.00
62	M	Toluene	20.000	19.756	1.2	103	0.00
63	S	Toluene-d8	30.000	29.682	1.1	101	0.00
64	M	Chlorobenzene	20.000	20.023	-0.1	106	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.847	0.8	105	0.00
66	M	Ethyl Benzene	20.000	20.004	-0.0	106	0.00
67	M	m/p-Xylenes	40.000	40.927	-2.3	107	0.00
68	M	o-Xylene	20.000	20.160	-0.8	106	0.00
69	M	Styrene	20.000	20.302	-1.5	107	0.00
70		Isopropylbenzene	20.000	20.738	-3.7	109	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.587	-2.9	108	0.00
72		1,2,3-Trichloropropane	20.000	20.585	-2.9	103	0.00
73		Bromobenzene	20.000	20.947	-4.7	109	0.00
74		n-propylbenzene	20.000	21.236	-6.2	112	0.00
75		2-Chlorotoluene	20.000	20.991	-5.0	109	0.00
76		1,3,5-Trimethylbenzene	20.000	21.529	-7.6	112	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.178	-0.9	111	0.00
78		4-Chlorotoluene	20.000	21.060	-5.3	111	0.00
79		tert-butylbenzene	20.000	21.681	-8.4	114	0.00
80		1,2,4-Trimethylbenzene	20.000	21.664	-8.3	113	0.00
81		sec-Butylbenzene	20.000	22.608	-13.0	120	0.00
82		p-Isopropyltoluene	20.000	22.761	-13.8	120	0.00
83	M	1,3-Dichlorobenzene	20.000	21.533	-7.7	114	0.00
84	M	1,4-Dichlorobenzene	20.000	21.633	-8.2	114	0.00
85		n-Butylbenzene	20.000	23.387	-16.9	125	0.00
86	T	Hexachloroethane	20.000	21.328	-6.6	116	0.00
87	M	1,2-Dichlorobenzene	20.000	21.678	-8.4	111	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.926	5.4	97	0.00
89		1,2,4-Trichlorobenzene	20.000	17.460	12.7	96	0.00
90		Hexachlorobutadiene	20.000	24.685	-23.4	122	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	12.952	35.2#	73	0.00
92	1,2,3-Trichlorobenzene	20.000	13.301	33.5#	74	0.00

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