Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090519\
Data File : VN057694.D
Acq On : 5 Sep 2019 10:22
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 06 01:33:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 04 02:08:50 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	106	0.00
2	M	Dichlorodifluoromethane	20.000	21.017	-5.1	117	0.00
3	M	Chloromethane	20.000	20.612	-3.1	110	0.00
4	M	Vinyl Chloride	20.000	19.744	1.3	105	0.00
5	M	Bromomethane	20.000	21.368	-6.8	109	0.00
6	M	Chloroethane	20.000	20.157	-0.8	104	0.00
7	M	Trichlorofluoromethane	20.000	20.509	-2.5	113	0.00
8	T	Diethyl Ether	20.000	20.771	-3.9	109	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.571	-7.9	117	0.00
10	M	1,1-Dichloroethene	20.000	20.207	-1.0	109	0.00
11		Methyl Iodide	20.000	20.005	-0.0	114	0.00
12		Methyl Acetate	20.000	19.777	1.1	106	0.00
13	M	Acrolein	100.000	82.498	17.5	85	0.00
14	M	Acrylonitrile	100.000	98.814	1.2	107	0.00
15	M	Acetone	100.000	110.273	-10.3	123	0.00
16	M	Carbon Disulfide	20.000	19.345	3.3	110	0.00
17		Allyl chloride	20.000	19.421	2.9	113	0.00
18	M	Methylene Chloride	20.000	19.746	1.3	109	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.087	-0.4	109	0.00
20	T	Diisopropyl ether	20.000	20.441	-2.2	108	0.00
21	M	1,1-Dichloroethane	20.000	20.314	-1.6	107	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.727	-3.6	109	0.00
23	M	tert-Butyl Alcohol	100.000	95.408	4.6	108	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.406	-2.0	110	0.00
25	M	Chloroform	20.000	20.421	-2.1	109	0.00
26		Cyclohexane	20.000	20.157	-0.8	108	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.208	-0.7	103	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29		1,1-Dichloropropene	20.000	19.810	1.0	106	0.00
30	M	2-Butanone	100.000	102.794	-2.8	112	0.00
31		2,2-Dichloropropane	20.000	20.453	-2.3	114	0.00
32	M	1,1,1-Trichloroethane	20.000	20.024	-0.1	111	0.00
33	M	Carbon Tetrachloride	20.000	19.400	3.0	109	0.00
34	M	Benzene	20.000	20.117	-0.6	108	0.00
35		Methacrylonitrile	20.000	19.509	2.5	117	0.00
36	M	1,2-Dichloroethane	20.000	19.908	0.5	109	0.00
37	M	Trichloroethene	20.000	19.795	1.0	108	0.00
38		Methylcyclohexane	20.000	20.467	-2.3	112	0.00
39	M	1,2-Dichloropropane	20.000	20.253	-1.3	108	0.00
40		Dibromomethane	20.000	20.108	-0.5	110	0.00
41	M	Bromodichloromethane	20.000	19.626	1.9	110	0.00
42	M	Vinyl Acetate	100.000	104.548	-4.5	108	0.00
43		Ethyl Acetate	20.000	20.380	-1.9	116	0.00
44		Isopropyl Acetate	20.000	18.902	5.5	103	0.00
45	T	1,4-Dioxane	400.000	383.494	4.1	103	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	20.122	-0.6	113	0.00
47		n-amyl Acetate	20.000	17.599	12.0	107	0.00
48	M	t-1,3-Dichloropropene	20.000	19.303	3.5	109	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.455	2.7	108	0.00
50	M	1,1,2-Trichloroethane	20.000	20.146	-0.7	110	0.00
51		Ethyl methacrylate	20.000	18.918	5.4	109	0.00
52		1,3-Dichloropropane	20.000	19.887	0.6	108	0.00
53	M	Dibromochloromethane	20.000	18.467	7.7	109	0.00
54	M	1,2-Dibromoethane	20.000	19.655	1.7	110	0.00
55	M	2-Chloroethyl vinyl ether	100.000	75.491	24.5	93	0.00
56	M	Bromoform	20.000	17.421	12.9	109	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	100.000	105.685	-5.7	106	0.00
59	M	2-Hexanone	100.000	101.434	-1.4	111	0.00
60	S	4-Bromofluorobenzene	30.000	29.405	2.0	109	0.00
61	M	Tetrachloroethene	20.000	21.150	-5.7	106	0.00
62	M	Toluene	20.000	20.877	-4.4	109	0.00
63	S	Toluene-d8	30.000	31.116	-3.7	104	0.00
64	M	Chlorobenzene	20.000	19.968	0.2	110	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.489	-2.4	114	0.00
66	M	Ethyl Benzene	20.000	21.109	-5.5	111	0.00
67	M	m/p-Xylenes	40.000	40.813	-2.0	112	0.00
68	M	o-Xylene	20.000	20.127	-0.6	110	0.00
69	M	Styrene	20.000	19.077	4.6	109	0.00
70		Isopropylbenzene	20.000	20.738	-3.7	111	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.359	-1.8	108	0.00
72		1,2,3-Trichloropropane	20.000	19.501	2.5	109	0.00
73		Bromobenzene	20.000	19.587	2.1	114	0.00
74		n-propylbenzene	20.000	20.052	-0.3	113	0.00
75		2-Chlorotoluene	20.000	19.984	0.1	113	0.00
76		1,3,5-Trimethylbenzene	20.000	20.525	-2.6	116	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.692	11.5	113	0.00
78		4-Chlorotoluene	20.000	18.429	7.9	111	0.00
79		tert-butylbenzene	20.000	19.733	1.3	111	0.00
80		1,2,4-Trimethylbenzene	20.000	20.260	-1.3	115	0.00
81		sec-Butylbenzene	20.000	19.917	0.4	113	0.00
82		p-Isopropyltoluene	20.000	19.658	1.7	115	0.00
83	M	1,3-Dichlorobenzene	20.000	17.905	10.5	111	0.00
84	M	1,4-Dichlorobenzene	20.000	17.412	12.9	111	0.00
85		n-Butylbenzene	20.000	19.898	0.5	114	0.00
86	T	Hexachloroethane	20.000	19.376	3.1	113	0.00
87	M	1,2-Dichlorobenzene	20.000	17.847	10.8	109	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	15.782	21.1	120	0.00
89		1,2,4-Trichlorobenzene	20.000	10.605	47.0#	109	0.00
90		Hexachlorobutadiene	20.000	21.115	-5.6	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	10.270	48.7#	113	0.00
92	1,2,3-Trichlorobenzene	20.000	10.700	46.5#	109	0.00

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