Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090919\
Data File : VN057797.D
Acq On : 9 Sep 2019 13:14
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 09 16:27:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 09 12:14:07 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	104	0.00
2	M	Dichlorodifluoromethane	20.000	20.514	-2.6	109	0.00
3	M	Chloromethane	20.000	20.768	-3.8	109	0.00
4	M	Vinyl Chloride	20.000	21.178	-5.9	109	0.00
5	M	Bromomethane	20.000	20.991	-5.0	105	0.00
6	M	Chloroethane	20.000	20.631	-3.2	105	0.00
7	M	Trichlorofluoromethane	20.000	20.651	-3.3	95	0.00
8	T	Diethyl Ether	20.000	20.992	-5.0	111	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.751	-3.8	109	0.00
10	M	1,1-Dichloroethene	20.000	20.337	-1.7	109	0.00
11		Methyl Iodide	20.000	20.236	-1.2	109	0.00
12		Methyl Acetate	20.000	20.779	-3.9	108	0.00
13	M	Acrolein	100.000	91.025	9.0	106	0.00
14	M	Acrylonitrile	100.000	103.693	-3.7	109	0.00
15	M	Acetone	100.000	96.583	3.4	94	0.00
16	M	Carbon Disulfide	20.000	19.652	1.7	110	0.00
17		Allyl chloride	20.000	20.428	-2.1	112	0.00
18	M	Methylene Chloride	20.000	20.578	-2.9	110	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.378	-1.9	109	0.00
20	T	Diisopropyl ether	20.000	20.424	-2.1	110	0.00
21	M	1,1-Dichloroethane	20.000	20.522	-2.6	108	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.145	-0.7	107	0.00
23	M	tert-Butyl Alcohol	100.000	109.384	-9.4	112	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.589	-2.9	109	0.00
25	M	Chloroform	20.000	20.204	-1.0	108	0.00
26		Cyclohexane	20.000	19.676	1.6	106	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.577	-1.9	101	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29		1,1-Dichloropropene	20.000	19.914	0.4	108	0.00
30	M	2-Butanone	100.000	100.216	-0.2	105	0.00
31		2,2-Dichloropropane	20.000	19.084	4.6	107	0.00
32	M	1,1,1-Trichloroethane	20.000	19.458	2.7	105	0.00
33	M	Carbon Tetrachloride	20.000	18.636	6.8	105	0.00
34	M	Benzene	20.000	20.091	-0.5	108	0.00
35		Methacrylonitrile	20.000	21.512	-7.6	126	0.00
36	M	1,2-Dichloroethane	20.000	19.915	0.4	107	0.00
37	M	Trichloroethene	20.000	19.758	1.2	107	0.00
38		Methylcyclohexane	20.000	19.028	4.9	105	0.00
39	M	1,2-Dichloropropane	20.000	19.838	0.8	108	0.00
40		Dibromomethane	20.000	19.964	0.2	107	0.00
41	M	Bromodichloromethane	20.000	19.184	4.1	108	0.00
42	M	Vinyl Acetate	100.000	106.387	-6.4	108	0.00
43		Ethyl Acetate	20.000	20.359	-1.8	107	0.00
44		Isopropyl Acetate	20.000	19.586	2.1	109	0.00
45	T	1,4-Dioxane	400.000	416.536	-4.1	115	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.461	2.7	109	0.00
47		n-amyl Acetate	20.000	19.184	4.1	110	0.00
48	M	t-1,3-Dichloropropene	20.000	18.573	7.1	109	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.813	5.9	108	0.00
50	M	1,1,2-Trichloroethane	20.000	19.652	1.7	106	0.00
51		Ethyl methacrylate	20.000	19.834	0.8	112	0.00
52		1,3-Dichloropropane	20.000	19.997	0.0	108	0.00
53	M	Dibromochloromethane	20.000	17.994	10.0	108	0.00
54	M	1,2-Dibromoethane	20.000	19.306	3.5	107	0.00
55	M	2-Chloroethyl vinyl ether	100.000	99.764	0.2	104	0.00
56	M	Bromoform	20.000	17.157	14.2	107	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	100.000	110.282	-10.3	110	0.00
59	M	2-Hexanone	100.000	105.717	-5.7	110	0.00
60	S	4-Bromofluorobenzene	30.000	29.245	2.5	104	0.00
61	M	Tetrachloroethene	20.000	20.228	-1.1	109	0.00
62	M	Toluene	20.000	20.498	-2.5	108	0.00
63	S	Toluene-d8	30.000	30.208	-0.7	102	0.00
64	M	Chlorobenzene	20.000	20.219	-1.1	109	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.776	1.1	112	0.00
66	M	Ethyl Benzene	20.000	20.648	-3.2	108	0.00
67	M	m/p-Xylenes	40.000	39.877	0.3	109	0.00
68	M	o-Xylene	20.000	19.980	0.1	111	0.00
69	M	Styrene	20.000	19.896	0.5	111	0.00
70		Isopropylbenzene	20.000	20.564	-2.8	107	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.124	-0.6	110	0.00
72		1,2,3-Trichloropropane	20.000	20.076	-0.4	111	0.00
73		Bromobenzene	20.000	19.237	3.8	110	0.00
74		n-propylbenzene	20.000	20.993	-5.0	108	0.00
75		2-Chlorotoluene	20.000	19.802	1.0	109	0.00
76		1,3,5-Trimethylbenzene	20.000	20.134	-0.7	108	0.00
77		t-1,4-Dichloro-2-butene	20.000	16.718	16.4	111	0.00
78		4-Chlorotoluene	20.000	19.535	2.3	110	0.00
79		tert-butylbenzene	20.000	20.126	-0.6	109	0.00
80		1,2,4-Trimethylbenzene	20.000	20.271	-1.4	108	0.00
81		sec-Butylbenzene	20.000	20.238	-1.2	109	0.00
82		p-Isopropyltoluene	20.000	20.005	-0.0	107	0.00
83	M	1,3-Dichlorobenzene	20.000	18.998	5.0	107	0.00
84	M	1,4-Dichlorobenzene	20.000	19.430	2.9	112	0.00
85		n-Butylbenzene	20.000	19.600	2.0	106	0.00
86	T	Hexachloroethane	20.000	17.160	14.2	107	0.00
87	M	1,2-Dichlorobenzene	20.000	19.731	1.3	112	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.393	8.0	109	0.00
89		1,2,4-Trichlorobenzene	20.000	19.351	3.2	114	0.00
90		Hexachlorobutadiene	20.000	18.790	6.1	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.292	-1.5	115	0.00
92	1,2,3-Trichlorobenzene	20.000	19.843	0.8	114	0.00

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