Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080619\
Data File : VN057109.D
Acq On : 6 Aug 2019 17:35
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 07 04:38:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 24 04:19:57 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	125	0.00
2	M	Dichlorodifluoromethane	20.000	21.626	-8.1	137	0.00
3	M	Chloromethane	20.000	19.326	3.4	122	0.00
4	M	Vinyl Chloride	20.000	19.253	3.7	122	0.00
5	M	Bromomethane	20.000	18.134	9.3	117	-0.01
6	M	Chloroethane	20.000	18.738	6.3	119	0.00
7	M	Trichlorofluoromethane	20.000	22.258	-11.3	143	-0.01
8	T	Diethyl Ether	20.000	21.954	-9.8	139	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.138	-5.7	136	0.00
10	M	1,1-Dichloroethene	20.000	20.721	-3.6	133	0.00
11		Methyl Iodide	20.000	14.227	28.9	94	0.00
12		Methyl Acetate	20.000	17.320	13.4	118	-0.02
13	M	Acrolein	100.000	113.011	-13.0	142	0.00
14	M	Acrylonitrile	100.000	96.345	3.7	124	-0.02
15	M	Acetone	100.000	102.045	-2.0	128	0.00
16	M	Carbon Disulfide	20.000	19.770	1.2	132	0.00
17		Allyl chloride	20.000	17.299	13.5	115	0.00
18	M	Methylene Chloride	20.000	20.681	-3.4	132	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.638	-3.2	134	0.00
20	T	Diisopropyl ether	20.000	19.746	1.3	124	-0.01
21	M	1,1-Dichloroethane	20.000	20.305	-1.5	129	-0.01
22	M	cis-1,2-Dichloroethene	20.000	21.136	-5.7	134	-0.02
23	M	tert-Butyl Alcohol	100.000	87.330	12.7	101	-0.03
24	M	Methyl tert-Butyl Ether	20.000	20.603	-3.0	135	-0.02
25	M	Chloroform	20.000	21.127	-5.6	135	0.00
26		Cyclohexane	20.000	19.689	1.6	129	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.035	-0.1	127	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	125	0.00
29		1,1-Dichloropropene	20.000	20.757	-3.8	134	0.00
30	M	2-Butanone	100.000	96.936	3.1	123	-0.01
31		2,2-Dichloropropane	20.000	22.717	-13.6	146	-0.02
32	M	1,1,1-Trichloroethane	20.000	21.643	-8.2	139	0.00
33	M	Carbon Tetrachloride	20.000	21.554	-7.8	141	0.00
34	M	Benzene	20.000	20.506	-2.5	130	0.00
35		Methacrylonitrile	20.000	18.105	9.5	106	-0.02
36	M	1,2-Dichloroethane	20.000	20.935	-4.7	133	0.00
37	M	Trichloroethene	20.000	21.141	-5.7	136	0.00
38		Methylcyclohexane	20.000	20.821	-4.1	138	0.00
39	M	1,2-Dichloropropane	20.000	19.851	0.7	127	0.00
40		Dibromomethane	20.000	21.116	-5.6	135	0.00
41	M	Bromodichloromethane	20.000	20.868	-4.3	135	0.00
42	M	Vinyl Acetate	100.000	99.132	0.9	127	-0.01
43		Ethyl Acetate	20.000	19.850	0.7	128	-0.02
44		Isopropyl Acetate	20.000	20.967	-4.8	133	0.00
45	T	1,4-Dioxane	400.000	373.757	6.6	119	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.334	3.3	127	0.00
47		n-amyl Acetate	20.000	18.551	7.2	126	0.00
48	M	t-1,3-Dichloropropene	20.000	20.701	-3.5	140	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.459	-2.3	135	0.00
50	M	1,1,2-Trichloroethane	20.000	20.859	-4.3	129	0.00
51		Ethyl methacrylate	20.000	20.156	-0.8	131	0.00
52		1,3-Dichloropropane	20.000	20.554	-2.8	130	0.00
53	M	Dibromochloromethane	20.000	20.987	-4.9	138	0.00
54	M	1,2-Dibromoethane	20.000	21.147	-5.7	136	0.00
55	M	2-Chloroethyl vinyl ether	100.000	69.566	30.4#	89	0.00
56	M	Bromoform	20.000	20.701	-3.5	140	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	127	0.00
58	M	4-Methyl-2-Pentanone	100.000	98.437	1.6	122	0.00
59	M	2-Hexanone	100.000	98.507	1.5	126	0.00
60	S	4-Bromofluorobenzene	30.000	28.482	5.1	123	0.00
61	M	Tetrachloroethene	20.000	20.522	-2.6	126	0.00
62	M	Toluene	20.000	21.034	-5.2	134	0.00
63	S	Toluene-d8	30.000	29.701	1.0	123	0.00
64	M	Chlorobenzene	20.000	21.068	-5.3	136	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.282	-6.4	135	0.00
66	M	Ethyl Benzene	20.000	20.843	-4.2	135	0.00
67	M	m/p-Xylenes	40.000	42.175	-5.4	136	0.00
68	M	o-Xylene	20.000	21.034	-5.2	135	0.00
69	M	Styrene	20.000	20.398	-2.0	133	0.00
70		Isopropylbenzene	20.000	21.391	-7.0	137	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.356	-6.8	133	0.00
72		1,2,3-Trichloropropane	20.000	21.087	-5.4	136	0.00
73		Bromobenzene	20.000	20.790	-3.9	136	0.00
74		n-propylbenzene	20.000	20.209	-1.0	134	0.00
75		2-Chlorotoluene	20.000	20.770	-3.8	133	0.00
76		1,3,5-Trimethylbenzene	20.000	21.038	-5.2	135	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.282	3.6	136	0.00
78		4-Chlorotoluene	20.000	20.120	-0.6	133	0.00
79		tert-butylbenzene	20.000	21.887	-9.4	142	0.00
80		1,2,4-Trimethylbenzene	20.000	20.513	-2.6	130	0.00
81		sec-Butylbenzene	20.000	20.838	-4.2	136	0.00
82		p-Isopropyltoluene	20.000	20.821	-4.1	136	0.00
83	M	1,3-Dichlorobenzene	20.000	19.010	4.9	128	0.00
84	M	1,4-Dichlorobenzene	20.000	18.716	6.4	130	0.00
85		n-Butylbenzene	20.000	18.341	8.3	126	0.00
86	T	Hexachloroethane	20.000	20.728	-3.6	138	0.00
87	M	1,2-Dichlorobenzene	20.000	19.913	0.4	130	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.054	9.7	118	0.00
89		1,2,4-Trichlorobenzene	20.000	17.127	14.4	108	0.00
90		Hexachlorobutadiene	20.000	22.167	-10.8	144	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.269	18.7	103	0.00
92	1,2,3-Trichlorobenzene	20.000	13.831	30.8#	107	-0.02

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