Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080619\
Data File : VN057103.D
Acq On : 6 Aug 2019 15:07
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 07 04:22:10 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	121	-0.01
2	M	Dichlorodifluoromethane	20.000	20.726	-3.6	127	0.00
3	M	Chloromethane	20.000	19.004	5.0	116	0.00
4	M	Vinyl Chloride	20.000	18.148	9.3	111	0.00
5	M	Bromomethane	20.000	16.101	19.5	100	-0.05
6	M	Chloroethane	20.000	18.223	8.9	112	-0.04
7	M	Trichlorofluoromethane	20.000	20.792	-4.0	129	-0.03
8	T	Diethyl Ether	20.000	20.340	-1.7	124	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.519	2.4	122	-0.01
10	M	1,1-Dichloroethene	20.000	19.419	2.9	121	-0.01
11		Methyl Iodide	20.000	17.040	14.8	109	-0.01
12		Methyl Acetate	20.000	17.885	10.6	118	-0.02
13	M	Acrolein	100.000	103.676	-3.7	126	0.00
14	M	Acrylonitrile	100.000	91.543	8.5	114	-0.02
15	M	Acetone	100.000	147.112	-47.1#	178	-0.01
16	M	Carbon Disulfide	20.000	16.856	15.7	109	0.00
17		Allyl chloride	20.000	17.741	11.3	114	-0.02
18	M	Methylene Chloride	20.000	19.960	0.2	123	-0.02
19	M	trans-1,2-Dichloroethene	20.000	19.009	5.0	120	-0.02
20	T	Diisopropyl ether	20.000	18.376	8.1	112	-0.02
21	M	1,1-Dichloroethane	20.000	19.033	4.8	117	-0.02
22	M	cis-1,2-Dichloroethene	20.000	18.886	5.6	116	-0.02
23	M	tert-Butyl Alcohol	100.000	89.530	10.5	100	-0.02
24	M	Methyl tert-Butyl Ether	20.000	19.402	3.0	123	-0.02
25	M	Chloroform	20.000	19.511	2.4	120	-0.01
26		Cyclohexane	20.000	18.435	7.8	117	0.00
27	s	1,2-Dichloroethane-d4	30.000	31.004	-3.3	127	-0.01
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	126	0.00
29		1,1-Dichloropropene	20.000	17.844	10.8	116	0.00
30	M	2-Butanone	100.000	104.275	-4.3	133	-0.02
31		2,2-Dichloropropane	20.000	20.979	-4.9	135	-0.02
32	M	1,1,1-Trichloroethane	20.000	19.283	3.6	124	0.00
33	M	Carbon Tetrachloride	20.000	19.088	4.6	125	0.00
34	M	Benzene	20.000	18.488	7.6	117	0.00
35		Methacrylonitrile	20.000	15.377	23.1	90	-0.02
36	M	1,2-Dichloroethane	20.000	19.137	4.3	121	0.00
37	M	Trichloroethene	20.000	18.815	5.9	122	0.00
38		Methylcyclohexane	20.000	18.210	8.9	121	0.00
39	M	1,2-Dichloropropane	20.000	17.902	10.5	115	0.00
40		Dibromomethane	20.000	19.124	4.4	123	0.00
41	M	Bromodichloromethane	20.000	18.285	8.6	119	0.00
42	M	Vinyl Acetate	100.000	88.742	11.3	114	-0.02
43		Ethyl Acetate	20.000	17.900	10.5	116	-0.02
44		Isopropyl Acetate	20.000	21.568	-7.8	137	0.00
45	T	1,4-Dioxane	400.000	388.699	2.8	124	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	17.202	14.0	113	0.00
47		n-amyl Acetate	20.000	17.165	14.2	117	0.00
48	M	t-1,3-Dichloropropene	20.000	18.477	7.6	125	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.341	8.3	121	0.00
50	M	1,1,2-Trichloroethane	20.000	18.962	5.2	118	0.00
51		Ethyl methacrylate	20.000	18.256	8.7	119	0.00
52		1,3-Dichloropropane	20.000	18.912	5.4	120	0.00
53	M	Dibromochloromethane	20.000	18.532	7.3	122	0.00
54	M	1,2-Dibromoethane	20.000	18.929	5.4	122	0.00
55	M	2-Chloroethyl vinyl ether	100.000	64.781	35.2#	83	0.00
56	M	Bromoform	20.000	18.064	9.7	122	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	128	0.00
58	M	4-Methyl-2-Pentanone	100.000	90.628	9.4	113	0.00
59	M	2-Hexanone	100.000	100.588	-0.6	129	0.00
60	S	4-Bromofluorobenzene	30.000	28.884	3.7	126	0.00
61	M	Tetrachloroethene	20.000	19.108	4.5	118	0.00
62	M	Toluene	20.000	18.821	5.9	121	0.00
63	S	Toluene-d8	30.000	29.645	1.2	123	0.00
64	M	Chlorobenzene	20.000	19.157	4.2	125	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.084	4.6	122	0.00
66	M	Ethyl Benzene	20.000	18.810	6.0	123	0.00
67	M	m/p-Xylenes	40.000	38.108	4.7	124	0.00
68	M	o-Xylene	20.000	19.101	4.5	124	0.00
69	M	Styrene	20.000	18.441	7.8	122	0.00
70		Isopropylbenzene	20.000	19.523	2.4	126	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.966	5.2	119	0.00
72		1,2,3-Trichloropropane	20.000	19.541	2.3	127	0.00
73		Bromobenzene	20.000	19.209	4.0	127	0.00
74		n-propylbenzene	20.000	17.703	11.5	118	0.00
75		2-Chlorotoluene	20.000	18.590	7.1	120	0.00
76		1,3,5-Trimethylbenzene	20.000	19.232	3.8	125	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.871	10.6	127	0.00
78		4-Chlorotoluene	20.000	17.260	13.7	115	0.00
79		tert-butylbenzene	20.000	19.864	0.7	130	0.00
80		1,2,4-Trimethylbenzene	20.000	18.696	6.5	120	0.00
81		sec-Butylbenzene	20.000	18.559	7.2	122	0.00
82		p-Isopropyltoluene	20.000	17.758	11.2	117	0.00
83	M	1,3-Dichlorobenzene	20.000	16.364	18.2	112	0.00
84	M	1,4-Dichlorobenzene	20.000	15.362	23.2	107	0.00
85		n-Butylbenzene	20.000	15.314	23.4	106	0.00
86	T	Hexachloroethane	20.000	18.566	7.2	125	0.00
87	M	1,2-Dichlorobenzene	20.000	16.798	16.0	111	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.617	11.9	116	0.00
89		1,2,4-Trichlorobenzene	20.000	15.665	21.7	92	0.00
90		Hexachlorobutadiene	20.000	17.725	11.4	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.120	24.4	90	0.00
92	1,2,3-Trichlorobenzene	20.000	12.206	39.0#	95	-0.01

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