Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061419\
Data File : VN056300.D
Acq On : 14 Jun 2019 9:19
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jun 17 14:16:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 04:02:53 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	108	0.00
2	M	Dichlorodifluoromethane	20.000	21.469	-7.3	110	0.00
3	M	Chloromethane	20.000	20.057	-0.3	109	0.00
4	M	Vinyl Chloride	20.000	20.469	-2.3	108	0.00
5	M	Bromomethane	20.000	17.270	13.7	88	-0.02
6	M	Chloroethane	20.000	20.406	-2.0	105	0.00
7	M	Trichlorofluoromethane	20.000	20.934	-4.7	111	0.00
8	T	Diethyl Ether	20.000	19.340	3.3	104	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.386	-6.9	114	0.00
10	M	1,1-Dichloroethene	20.000	19.686	1.6	106	0.00
11		Methyl Iodide	20.000	14.670	26.7	81	0.00
12		Methyl Acetate	20.000	19.898	0.5	109	0.00
13	M	Acrolein	100.000	110.815	-10.8	125	0.00
14	M	Acrylonitrile	100.000	100.241	-0.2	109	0.00
15	M	Acetone	100.000	127.013	-27.0	128	0.00
16	M	Carbon Disulfide	20.000	20.683	-3.4	120	0.00
17		Allyl chloride	20.000	20.675	-3.4	115	0.00
18	M	Methylene Chloride	20.000	20.387	-1.9	111	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.029	-0.1	107	0.00
20	T	Diisopropyl ether	20.000	20.603	-3.0	111	0.00
21	M	1,1-Dichloroethane	20.000	20.918	-4.6	113	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.680	1.6	106	0.00
23	M	tert-Butyl Alcohol	100.000	69.025	31.0#	77	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.316	3.4	104	0.00
25	M	Chloroform	20.000	20.798	-4.0	112	0.00
26		Cyclohexane	20.000	20.432	-2.2	111	0.00
27	s	1,2-Dichloroethane-d4	30.000	33.264	-10.9	118	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29		1,1-Dichloropropene	20.000	20.770	-3.8	112	0.00
30	M	2-Butanone	100.000	109.329	-9.3	115	0.00
31		2,2-Dichloropropane	20.000	20.175	-0.9	108	0.00
32	M	1,1,1-Trichloroethane	20.000	20.738	-3.7	111	0.00
33	M	Carbon Tetrachloride	20.000	21.097	-5.5	116	0.00
34	M	Benzene	20.000	20.420	-2.1	109	0.00
35		Methacrylonitrile	20.000	22.396	-12.0	107	0.00
36	M	1,2-Dichloroethane	20.000	21.738	-8.7	117	0.00
37	M	Trichloroethene	20.000	19.967	0.2	105	0.00
38		Methylcyclohexane	20.000	19.837	0.8	109	0.00
39	M	1,2-Dichloropropane	20.000	21.236	-6.2	112	0.00
40		Dibromomethane	20.000	20.721	-3.6	111	0.00
41	M	Bromodichloromethane	20.000	21.581	-7.9	119	0.00
42	M	Vinyl Acetate	100.000	100.445	-0.4	108	0.00
43		Ethyl Acetate	20.000	19.276	3.6	103	0.00
44		Isopropyl Acetate	20.000	18.651	6.7	104	0.00
45	T	1,4-Dioxane	400.000	359.593	10.1	96	0.00

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jun 17 14:16:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.801	1.0	114	0.00
47		n-amyl Acetate	20.000	17.880	10.6	100	0.00
48	M	t-1,3-Dichloropropene	20.000	19.077	4.6	110	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.133	-0.7	111	0.00
50	M	1,1,2-Trichloroethane	20.000	20.513	-2.6	110	0.00
51		Ethyl methacrylate	20.000	18.332	8.3	102	0.00
52		1,3-Dichloropropane	20.000	20.702	-3.5	110	0.00
53	M	Dibromochloromethane	20.000	20.512	-2.6	120	0.00
54	M	1,2-Dibromoethane	20.000	20.008	-0.0	109	0.00
55	M	2-Chloroethyl vinyl ether	100.000	81.918	18.1	94	0.00
56	M	Bromoform	20.000	19.943	0.3	122	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58	M	4-Methyl-2-Pentanone	100.000	99.093	0.9	107	0.00
59	M	2-Hexanone	100.000	101.492	-1.5	110	0.00
60	S	4-Bromofluorobenzene	30.000	29.569	1.4	109	0.00
61	M	Tetrachloroethene	20.000	19.380	3.1	102	0.00
62	M	Toluene	20.000	19.982	0.1	107	0.00
63	S	Toluene-d8	30.000	31.826	-6.1	112	0.00
64	M	Chlorobenzene	20.000	19.896	0.5	108	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.613	-3.1	113	0.00
66	M	Ethyl Benzene	20.000	19.586	2.1	106	0.00
67	M	m/p-Xylenes	40.000	38.563	3.6	104	0.00
68	M	o-Xylene	20.000	19.196	4.0	103	0.00
69	M	Styrene	20.000	18.809	6.0	104	0.00
70		Isopropylbenzene	20.000	19.576	2.1	105	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.998	0.0	107	0.00
72		1,2,3-Trichloropropane	20.000	18.302	8.5	100	0.00
73		Bromobenzene	20.000	19.026	4.9	105	0.00
74		n-propylbenzene	20.000	19.247	3.8	107	0.00
75		2-Chlorotoluene	20.000	19.497	2.5	107	0.00
76		1,3,5-Trimethylbenzene	20.000	19.326	3.4	105	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.325	13.4	109	0.00
78		4-Chlorotoluene	20.000	18.708	6.5	107	0.00
79		tert-butylbenzene	20.000	19.169	4.2	104	0.00
80		1,2,4-Trimethylbenzene	20.000	18.878	5.6	104	0.00
81		sec-Butylbenzene	20.000	19.423	2.9	107	0.00
82		p-Isopropyltoluene	20.000	18.308	8.5	102	0.00
83	M	1,3-Dichlorobenzene	20.000	17.975	10.1	103	0.00
84	M	1,4-Dichlorobenzene	20.000	16.782	16.1	100	0.00
85		n-Butylbenzene	20.000	16.167	19.2	98	0.00
86	T	Hexachloroethane	20.000	20.624	-3.1	120	0.00
87	M	1,2-Dichlorobenzene	20.000	17.253	13.7	98	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.380	8.1	112	0.00
89		1,2,4-Trichlorobenzene	20.000	17.167	14.2	86	0.00
90		Hexachlorobutadiene	20.000	18.118	9.4	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	12.143	39.3#	83	0.00
92	1,2,3-Trichlorobenzene	20.000	13.871	30.6#	89	0.00

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