Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092619\
Data File : VN058396.D
Acq On : 26 Sep 2019 19:46
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 27 05:54:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:36:25 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	95	0.00
2	M	Dichlorodifluoromethane	20.000	20.345	-1.7	93	0.00
3	M	Chloromethane	20.000	19.884	0.6	95	0.00
4	M	Vinyl Chloride	20.000	19.729	1.4	92	0.00
5	M	Bromomethane	20.000	11.185	44.1#	56	-0.05
6	M	Chloroethane	20.000	20.677	-3.4	95	-0.07
7	M	Trichlorofluoromethane	20.000	22.522	-12.6	103	-0.04
8	T	Diethyl Ether	20.000	22.306	-11.5	107	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.350	-6.8	101	-0.02
10	M	1,1-Dichloroethene	20.000	21.550	-7.8	102	-0.02
11		Methyl Iodide	20.000	17.995	10.0	96	-0.02
12		Methyl Acetate	20.000	22.127	-10.6	110	0.00
13	M	Acrolein	100.000	107.399	-7.4	100	0.00
14	M	Acrylonitrile	100.000	98.981	1.0	96	0.00
15	M	Acetone	100.000	91.074	8.9	82	0.00
16	M	Carbon Disulfide	20.000	17.675	11.6	90	-0.02
17		Allyl chloride	20.000	20.137	-0.7	97	-0.01
18	M	Methylene Chloride	20.000	20.987	-4.9	99	-0.01
19	M	trans-1,2-Dichloroethene	20.000	21.164	-5.8	101	0.00
20	T	Diisopropyl ether	20.000	21.171	-5.9	103	0.00
21	M	1,1-Dichloroethane	20.000	21.134	-5.7	101	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.213	-6.1	101	0.00
23	M	tert-Butyl Alcohol	100.000	76.947	23.1	76	0.07
24	M	Methyl tert-Butyl Ether	20.000	21.767	-8.8	104	0.00
25	M	Chloroform	20.000	20.480	-2.4	99	0.00
26		Cyclohexane	20.000	20.501	-2.5	99	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.959	-3.2	96	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29		1,1-Dichloropropene	20.000	19.465	2.7	99	0.00
30	M	2-Butanone	100.000	85.934	14.1	87	0.00
31		2,2-Dichloropropane	20.000	17.970	10.2	92	0.00
32	M	1,1,1-Trichloroethane	20.000	19.663	1.7	100	0.00
33	M	Carbon Tetrachloride	20.000	18.496	7.5	95	0.00
34	M	Benzene	20.000	20.102	-0.5	101	0.00
35		Methacrylonitrile	20.000	18.417	7.9	97	0.00
36	M	1,2-Dichloroethane	20.000	19.443	2.8	99	0.00
37	M	Trichloroethene	20.000	19.728	1.4	100	0.00
38		Methylcyclohexane	20.000	18.233	8.8	95	0.00
39	M	1,2-Dichloropropane	20.000	19.924	0.4	102	0.00
40		Dibromomethane	20.000	19.032	4.8	97	0.00
41	M	Bromodichloromethane	20.000	18.375	8.1	96	0.00
42	M	Vinyl Acetate	100.000	105.776	-5.8	100	0.00
43		Ethyl Acetate	20.000	19.632	1.8	101	0.00
44		Isopropyl Acetate	20.000	20.201	-1.0	104	0.00
45	T	1,4-Dioxane	400.000	205.608	48.6#	51	0.00

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	18.028	9.9	95	0.00
47		n-amyl Acetate	20.000	19.252	3.7	104	0.00
48	M	t-1,3-Dichloropropene	20.000	18.437	7.8	100	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.601	7.0	97	0.00
50	M	1,1,2-Trichloroethane	20.000	19.420	2.9	99	0.00
51		Ethyl methacrylate	20.000	18.522	7.4	98	0.00
52		1,3-Dichloropropane	20.000	19.268	3.7	97	0.00
53	M	Dibromochloromethane	20.000	18.180	9.1	98	0.00
54	M	1,2-Dibromoethane	20.000	19.256	3.7	100	0.00
55	M	2-Chloroethyl vinyl ether	100.000	100.504	-0.5	104	0.00
56	M	Bromoform	20.000	16.334	18.3	94	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	100.000	102.191	-2.2	92	0.00
59	M	2-Hexanone	100.000	109.041	-9.0	102	0.00
60	S	4-Bromofluorobenzene	30.000	29.177	2.7	95	0.00
61	M	Tetrachloroethene	20.000	20.283	-1.4	100	0.00
62	M	Toluene	20.000	23.628	-18.1	113	0.00
63	S	Toluene-d8	30.000	30.117	-0.4	96	0.00
64	M	Chlorobenzene	20.000	20.012	-0.1	97	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.692	1.5	99	0.00
66	M	Ethyl Benzene	20.000	21.747	-8.7	101	0.00
67	M	m/p-Xylenes	40.000	42.497	-6.2	103	0.00
68	M	o-Xylene	20.000	20.296	-1.5	99	0.00
69	M	Styrene	20.000	19.781	1.1	97	0.00
70		Isopropylbenzene	20.000	20.745	-3.7	96	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.406	3.0	96	0.00
72		1,2,3-Trichloropropane	20.000	18.454	7.7	89	0.00
73		Bromobenzene	20.000	19.847	0.8	98	0.00
74		n-propylbenzene	20.000	20.797	-4.0	95	0.00
75		2-Chlorotoluene	20.000	19.829	0.9	96	0.00
76		1,3,5-Trimethylbenzene	20.000	20.216	-1.1	96	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.536	12.3	99	0.00
78		4-Chlorotoluene	20.000	19.376	3.1	94	0.00
79		tert-butylbenzene	20.000	19.791	1.0	97	0.00
80		1,2,4-Trimethylbenzene	20.000	20.751	-3.8	97	0.00
81		sec-Butylbenzene	20.000	19.552	2.2	91	0.00
82		p-Isopropyltoluene	20.000	19.404	3.0	92	0.00
83	M	1,3-Dichlorobenzene	20.000	19.213	3.9	96	0.00
84	M	1,4-Dichlorobenzene	20.000	18.955	5.2	96	0.00
85		n-Butylbenzene	20.000	18.068	9.7	88	0.00
86	T	Hexachloroethane	20.000	16.411	17.9	87	0.00
87	M	1,2-Dichlorobenzene	20.000	19.520	2.4	96	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.124	14.4	91	0.00
89		1,2,4-Trichlorobenzene	20.000	16.414	17.9	88	0.00
90		Hexachlorobutadiene	20.000	15.549	22.3	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.692	11.5	94	0.00
92	1,2,3-Trichlorobenzene	20.000	15.948	20.3	85	0.00

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