Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120718\
Data File : VN052716.D
Acq On : 7 Dec 2018 10:17
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Dec 07 12:58:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
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	92	0.00
2	M	Dichlorodifluoromethane	20.000	20.315	-1.6	90	0.00
3	M	Chloromethane	20.000	19.435	2.8	88	0.00
4	M	Vinyl Chloride	20.000	20.180	-0.9	92	0.00
5	M	Bromomethane	20.000	21.835	-9.2	101	0.00
6	M	Chloroethane	20.000	20.162	-0.8	91	0.00
7	M	Trichlorofluoromethane	20.000	21.299	-6.5	98	0.00
8	T	Diethyl Ether	20.000	20.549	-2.7	97	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.510	-7.6	95	0.00
10	M	1,1-Dichloroethene	20.000	20.827	-4.1	96	0.00
11		Methyl Iodide	20.000	21.697	-8.5	103	0.00
12		Methyl Acetate	20.000	21.384	-6.9	97	0.00
13	M	Acrolein	100.000	95.815	4.2	95	0.00
14	M	Acrylonitrile	100.000	102.238	-2.2	91	0.00
15	M	Acetone	100.000	130.653	-30.7#	110	0.00
16	M	Carbon Disulfide	20.000	19.640	1.8	90	0.00
17		Allyl chloride	20.000	20.367	-1.8	92	0.00
18	M	Methylene Chloride	20.000	21.457	-7.3	99	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.935	-4.7	97	0.00
20	T	Diisopropyl ether	20.000	20.901	-4.5	95	0.00
21	M	1,1-Dichloroethane	20.000	21.104	-5.5	97	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.307	-6.5	97	0.00
23	M	tert-Butyl Alcohol	100.000	102.419	-2.4	91	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.238	-6.2	97	0.00
25	M	Chloroform	20.000	21.379	-6.9	98	0.00
26		Cyclohexane	20.000	20.224	-1.1	92	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.131	-0.4	92	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29		1,1-Dichloropropene	20.000	21.085	-5.4	97	0.00
30	M	2-Butanone	100.000	107.723	-7.7	96	0.00
31		2,2-Dichloropropane	20.000	21.776	-8.9	102	0.00
32	M	1,1,1-Trichloroethane	20.000	21.184	-5.9	99	0.00
33	M	Carbon Tetrachloride	20.000	21.711	-8.6	101	0.00
34	M	Benzene	20.000	20.944	-4.7	96	0.00
35		Methacrylonitrile	20.000	19.230	3.8	87	0.00
36	M	1,2-Dichloroethane	20.000	20.790	-3.9	96	0.00
37	M	Trichloroethene	20.000	21.530	-7.7	100	0.00
38		Methylcyclohexane	20.000	20.690	-3.5	94	0.00
39	M	1,2-Dichloropropane	20.000	20.468	-2.3	94	0.00
40		Dibromomethane	20.000	21.522	-7.6	99	0.00
41	M	Bromodichloromethane	20.000	21.123	-5.6	99	0.00
42	M	Vinyl Acetate	100.000	99.942	0.1	93	0.00
43		Ethyl Acetate	20.000	20.953	-4.8	93	0.00
44		Isopropyl Acetate	20.000	20.683	-3.4	97	0.00
45	T	1,4-Dioxane	400.000	402.191	-0.5	90	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	20.403	-2.0	95	0.00
47		n-amyl Acetate	20.000	19.700	1.5	96	0.00
48	M	t-1,3-Dichloropropene	20.000	20.811	-4.1	101	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.549	-2.7	97	0.00
50	M	1,1,2-Trichloroethane	20.000	21.886	-9.4	99	0.00
51		Ethyl methacrylate	20.000	20.393	-2.0	98	0.00
52		1,3-Dichloropropane	20.000	21.125	-5.6	97	0.00
53	M	Dibromochloromethane	20.000	21.321	-6.6	99	0.00
54	M	1,2-Dibromoethane	20.000	21.428	-7.1	99	0.00
55	M	2-Chloroethyl vinyl ether	100.000	101.621	-1.6	92	0.00
56	M	Bromoform	20.000	21.401	-7.0	101	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58	M	4-Methyl-2-Pentanone	100.000	104.054	-4.1	94	0.00
59	M	2-Hexanone	100.000	107.660	-7.7	96	0.00
60	S	4-Bromofluorobenzene	30.000	30.006	-0.0	93	0.00
61	M	Tetrachloroethene	20.000	22.741	-13.7	103	0.00
62	M	Toluene	20.000	21.039	-5.2	96	0.00
63	S	Toluene-d8	30.000	29.683	1.1	91	0.00
64	M	Chlorobenzene	20.000	21.062	-5.3	98	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.409	-7.0	101	0.00
66	M	Ethyl Benzene	20.000	20.915	-4.6	97	0.00
67	M	m/p-Xylenes	40.000	42.385	-6.0	97	0.00
68	M	o-Xylene	20.000	21.313	-6.6	99	0.00
69	M	Styrene	20.000	20.957	-4.8	97	0.00
70		Isopropylbenzene	20.000	21.474	-7.4	99	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.167	-5.8	96	0.00
72		1,2,3-Trichloropropane	20.000	20.405	-2.0	99	0.00
73		Bromobenzene	20.000	21.441	-7.2	100	0.00
74		n-propylbenzene	20.000	21.198	-6.0	97	0.00
75		2-Chlorotoluene	20.000	21.339	-6.7	98	0.00
76		1,3,5-Trimethylbenzene	20.000	21.543	-7.7	98	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.333	-1.7	100	0.00
78		4-Chlorotoluene	20.000	21.255	-6.3	98	0.00
79		tert-butylbenzene	20.000	21.893	-9.5	100	0.00
80		1,2,4-Trimethylbenzene	20.000	21.669	-8.3	98	0.00
81		sec-Butylbenzene	20.000	21.374	-6.9	98	0.00
82		p-Isopropyltoluene	20.000	21.775	-8.9	100	0.00
83	M	1,3-Dichlorobenzene	20.000	21.762	-8.8	101	0.00
84	M	1,4-Dichlorobenzene	20.000	21.739	-8.7	101	0.00
85		n-Butylbenzene	20.000	20.945	-4.7	97	0.00
86	T	Hexachloroethane	20.000	21.544	-7.7	101	0.00
87	M	1,2-Dichlorobenzene	20.000	21.955	-9.8	101	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	22.011	-10.1	104	0.00
89		1,2,4-Trichlorobenzene	20.000	21.176	-5.9	102	0.00
90		Hexachlorobutadiene	20.000	23.630	-18.1	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.209	-1.0	97	0.00
92	1,2,3-Trichlorobenzene	20.000	22.134	-10.7	105	0.00

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