Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121018\
Data File : VN052742.D
Acq On : 10 Dec 2018 9:50
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Dec 11 00:52:03 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	107	0.00
2	M	Dichlorodifluoromethane	20.000	18.823	5.9	98	0.00
3	M	Chloromethane	20.000	18.077	9.6	96	0.00
4	M	Vinyl Chloride	20.000	18.662	6.7	100	0.00
5	M	Bromomethane	20.000	17.737	11.3	96	0.00
6	M	Chloroethane	20.000	19.214	3.9	102	0.00
7	M	Trichlorofluoromethane	20.000	20.102	-0.5	108	0.00
8	T	Diethyl Ether	20.000	20.621	-3.1	114	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.362	-1.8	106	0.00
10	M	1,1-Dichloroethene	20.000	19.939	0.3	108	0.00
11		Methyl Iodide	20.000	14.442	27.8	80	0.00
12		Methyl Acetate	20.000	21.408	-7.0	114	0.00
13	M	Acrolein	100.000	21.633	78.4#	25	0.00
14	M	Acrylonitrile	100.000	102.677	-2.7	107	0.00
15	M	Acetone	100.000	95.529	4.5	94	0.00
16	M	Carbon Disulfide	20.000	18.666	6.7	101	0.00
17		Allyl chloride	20.000	18.422	7.9	98	0.00
18	M	Methylene Chloride	20.000	19.879	0.6	107	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.967	0.2	108	0.00
20	T	Diisopropyl ether	20.000	19.909	0.5	106	0.00
21	M	1,1-Dichloroethane	20.000	19.863	0.7	107	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.253	-1.3	108	0.00
23	M	tert-Butyl Alcohol	100.000	98.217	1.8	103	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.492	-7.5	115	0.00
25	M	Chloroform	20.000	20.236	-1.2	109	0.00
26		Cyclohexane	20.000	19.365	3.2	103	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.075	3.1	104	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	108	0.00
29		1,1-Dichloropropene	20.000	20.007	-0.0	108	0.00
30	M	2-Butanone	100.000	98.628	1.4	104	0.00
31		2,2-Dichloropropane	20.000	21.673	-8.4	120	0.00
32	M	1,1,1-Trichloroethane	20.000	20.463	-2.3	112	0.00
33	M	Carbon Tetrachloride	20.000	20.341	-1.7	111	0.00
34	M	Benzene	20.000	19.749	1.3	106	0.00
35		Methacrylonitrile	20.000	21.678	-8.4	116	0.00
36	M	1,2-Dichloroethane	20.000	20.068	-0.3	109	0.00
37	M	Trichloroethene	20.000	21.178	-5.9	116	0.00
38		Methylcyclohexane	20.000	19.949	0.3	106	0.00
39	M	1,2-Dichloropropane	20.000	19.628	1.9	106	0.00
40		Dibromomethane	20.000	20.816	-4.1	113	0.00
41	M	Bromodichloromethane	20.000	20.140	-0.7	111	0.00
42	M	Vinyl Acetate	100.000	93.864	6.1	103	0.00
43		Ethyl Acetate	20.000	20.491	-2.5	107	0.00
44		Isopropyl Acetate	20.000	21.346	-6.7	118	0.00
45	T	1,4-Dioxane	400.000	336.835	15.8	89	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	20.766	-3.8	114	0.00
47		n-amyl Acetate	20.000	22.584	-12.9	129	0.00
48	M	t-1,3-Dichloropropene	20.000	20.705	-3.5	118	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.179	-0.9	112	0.00
50	M	1,1,2-Trichloroethane	20.000	20.947	-4.7	111	0.00
51		Ethyl methacrylate	20.000	21.310	-6.5	120	0.00
52		1,3-Dichloropropane	20.000	20.274	-1.4	109	0.00
53	M	Dibromochloromethane	20.000	20.979	-4.9	114	0.00
54	M	1,2-Dibromoethane	20.000	21.216	-6.1	116	0.00
55	M	2-Chloroethyl vinyl ether	100.000	110.297	-10.3	118	0.00
56	M	Bromoform	20.000	21.689	-8.4	120	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	100.000	105.188	-5.2	112	0.00
59	M	2-Hexanone	100.000	111.992	-12.0	118	0.00
60	S	4-Bromofluorobenzene	30.000	30.177	-0.6	111	0.00
61	M	Tetrachloroethene	20.000	24.243	-21.2	130	0.00
62	M	Toluene	20.000	20.003	-0.0	109	0.00
63	S	Toluene-d8	30.000	29.080	3.1	105	0.00
64	M	Chlorobenzene	20.000	20.497	-2.5	113	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.147	-5.7	118	0.00
66	M	Ethyl Benzene	20.000	20.205	-1.0	111	0.00
67	M	m/p-Xylenes	40.000	41.213	-3.0	112	0.00
68	M	o-Xylene	20.000	20.619	-3.1	113	0.00
69	M	Styrene	20.000	20.727	-3.6	113	0.00
70		Isopropylbenzene	20.000	20.889	-4.4	114	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.213	-1.1	108	0.00
72		1,2,3-Trichloropropane	20.000	22.156	-10.8	127	0.00
73		Bromobenzene	20.000	21.237	-6.2	118	0.00
74		n-propylbenzene	20.000	20.642	-3.2	112	0.00
75		2-Chlorotoluene	20.000	20.488	-2.4	111	0.00
76		1,3,5-Trimethylbenzene	20.000	21.004	-5.0	113	0.00
77		t-1,4-Dichloro-2-butene	20.000	21.033	-5.2	122	0.00
78		4-Chlorotoluene	20.000	20.978	-4.9	114	0.00
79		tert-butylbenzene	20.000	21.408	-7.0	116	0.00
80		1,2,4-Trimethylbenzene	20.000	21.113	-5.6	113	0.00
81		sec-Butylbenzene	20.000	20.986	-4.9	114	0.00
82		p-Isopropyltoluene	20.000	21.446	-7.2	117	0.00
83	M	1,3-Dichlorobenzene	20.000	21.787	-8.9	120	0.00
84	M	1,4-Dichlorobenzene	20.000	21.994	-10.0	121	0.00
85		n-Butylbenzene	20.000	21.259	-6.3	117	0.00
86	T	Hexachloroethane	20.000	20.178	-0.9	112	0.00
87	M	1,2-Dichlorobenzene	20.000	22.117	-10.6	120	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	23.306	-16.5	131	0.00
89		1,2,4-Trichlorobenzene	20.000	25.833	-29.2	147	0.00
90		Hexachlorobutadiene	20.000	22.624	-13.1	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	26.706	-33.5#	152	0.00
92	1,2,3-Trichlorobenzene	20.000	25.335	-26.7	142	0.00

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