Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102518\
Data File : VN052017.D
Acq On : 25 Oct 2018 18:17
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Oct 26 02:34:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 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	130	0.00
2	M	Dichlorodifluoromethane	20.000	21.524	-7.6	142	0.00
3	M	Chloromethane	20.000	18.900	5.5	119	0.00
4	M	Vinyl Chloride	20.000	15.437	22.8	95	0.00
5	M	Bromomethane	20.000	17.448	12.8	114	0.00
6	M	Chloroethane	20.000	15.843	20.8	97	0.01
7	M	Trichlorofluoromethane	20.000	20.763	-3.8	145	0.01
8	T	Diethyl Ether	20.000	20.735	-3.7	131	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	22.142	-10.7	139	0.00
10	M	1,1-Dichloroethene	20.000	21.587	-7.9	135	0.00
11		Methyl Iodide	20.000	26.386	-31.9#	177	0.00
12		Methyl Acetate	20.000	20.684	-3.4	129	0.00
13	M	Acrolein	100.000	39.235	60.8#	52	0.00
14	M	Acrylonitrile	100.000	100.603	-0.6	129	0.00
15	M	Acetone	100.000	90.950	9.0	112	0.00
16	M	Carbon Disulfide	20.000	18.135	9.3	119	0.00
17		Allyl chloride	20.000	16.915	15.4	105	0.00
18	M	Methylene Chloride	20.000	22.078	-10.4	139	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.231	-6.2	134	0.00
20	T	Diisopropyl ether	20.000	19.779	1.1	124	0.00
21	M	1,1-Dichloroethane	20.000	20.872	-4.4	130	0.00
22	M	cis-1,2-Dichloroethene	20.000	22.071	-10.4	143	0.00
23	M	tert-Butyl Alcohol	100.000	64.586	35.4#	84	-0.02
24	M	Methyl tert-Butyl Ether	20.000	19.416	2.9	124	0.00
25	M	Chloroform	20.000	21.410	-7.1	135	0.00
26		Cyclohexane	20.000	18.419	7.9	116	0.00
27	s	1,2-Dichloroethane-d4	30.000	27.224	9.3	112	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	126	0.00
29		1,1-Dichloropropene	20.000	20.924	-4.6	132	0.00
30	M	2-Butanone	100.000	89.466	10.5	111	0.00
31		2,2-Dichloropropane	20.000	18.743	6.3	117	0.00
32	M	1,1,1-Trichloroethane	20.000	20.864	-4.3	133	0.00
33	M	Carbon Tetrachloride	20.000	20.538	-2.7	130	0.00
34	M	Benzene	20.000	21.545	-7.7	135	0.00
35		Methacrylonitrile	20.000	14.298	28.5	93	-0.02
36	M	1,2-Dichloroethane	20.000	21.003	-5.0	132	0.00
37	M	Trichloroethene	20.000	22.493	-12.5	142	0.00
38		Methylcyclohexane	20.000	19.194	4.0	121	0.00
39	M	1,2-Dichloropropane	20.000	20.937	-4.7	129	0.00
40		Dibromomethane	20.000	21.613	-8.1	139	0.00
41	M	Bromodichloromethane	20.000	20.540	-2.7	130	0.00
42	M	Vinyl Acetate	100.000	94.243	5.8	118	0.00
43		Ethyl Acetate	20.000	19.250	3.8	117	0.00
44		Isopropyl Acetate	20.000	18.309	8.5	113	0.00
45	T	1,4-Dioxane	400.000	270.355	32.4#	86	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	18.738	6.3	117	0.00
47		n-amyl Acetate	20.000	19.070	4.6	130	0.00
48	M	t-1,3-Dichloropropene	20.000	18.527	7.4	122	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.903	0.5	128	0.00
50	M	1,1,2-Trichloroethane	20.000	21.899	-9.5	138	0.00
51		Ethyl methacrylate	20.000	19.291	3.5	124	0.00
52		1,3-Dichloropropane	20.000	21.426	-7.1	135	0.00
53	M	Dibromochloromethane	20.000	20.009	-0.0	135	0.00
54	M	1,2-Dibromoethane	20.000	21.782	-8.9	143	0.00
55	M	2-Chloroethyl vinyl ether	100.000	115.446	-15.4	147	0.00
56	M	Bromoform	20.000	18.338	8.3	134	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	128	0.00
58	M	4-Methyl-2-Pentanone	100.000	94.535	5.5	119	0.00
59	M	2-Hexanone	100.000	90.595	9.4	118	0.00
60	S	4-Bromofluorobenzene	30.000	28.070	6.4	124	0.00
61	M	Tetrachloroethene	20.000	22.431	-12.2	142	0.00
62	M	Toluene	20.000	21.926	-9.6	140	0.00
63	S	Toluene-d8	30.000	28.882	3.7	121	0.00
64	M	Chlorobenzene	20.000	22.532	-12.7	148	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.653	-8.3	140	0.00
66	M	Ethyl Benzene	20.000	21.369	-6.8	137	0.00
67	M	m/p-Xylenes	40.000	43.307	-8.3	141	0.00
68	M	o-Xylene	20.000	21.024	-5.1	137	0.00
69	M	Styrene	20.000	21.848	-9.2	149	0.00
70		Isopropylbenzene	20.000	21.259	-6.3	140	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.106	4.5	124	0.00
72		1,2,3-Trichloropropane	20.000	20.529	-2.6	138	0.00
73		Bromobenzene	20.000	23.532	-17.7	161	0.00
74		n-propylbenzene	20.000	20.751	-3.8	138	0.00
75		2-Chlorotoluene	20.000	20.834	-4.2	137	0.00
76		1,3,5-Trimethylbenzene	20.000	20.467	-2.3	136	0.00
77		t-1,4-Dichloro-2-butene	20.000	15.275	23.6	112	0.00
78		4-Chlorotoluene	20.000	20.909	-4.5	140	0.00
79		tert-butylbenzene	20.000	20.681	-3.4	136	0.00
80		1,2,4-Trimethylbenzene	20.000	20.587	-2.9	136	0.00
81		sec-Butylbenzene	20.000	20.231	-1.2	133	0.00
82		p-Isopropyltoluene	20.000	20.403	-2.0	139	0.00
83	M	1,3-Dichlorobenzene	20.000	22.621	-13.1	159	0.00
84	M	1,4-Dichlorobenzene	20.000	23.525	-17.6	169	0.00
85		n-Butylbenzene	20.000	19.721	1.4	135	0.00
86	T	Hexachloroethane	20.000	16.671	16.6	117	0.00
87	M	1,2-Dichlorobenzene	20.000	21.920	-9.6	152	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	14.463	27.7	98	0.00
89		1,2,4-Trichlorobenzene	20.000	20.469	-2.3	146	0.00
90		Hexachlorobutadiene	20.000	16.818	15.9	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.974	0.1	142	0.00
92	1,2,3-Trichlorobenzene	20.000	14.845	25.8	113	0.00

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