Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110718\
Data File : VN052211.D
Acq On : 7 Nov 2018 16:58
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Nov 08 07:26:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 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	109	0.00
2	M	Dichlorodifluoromethane	20.000	21.528	-7.6	115	0.00
3	M	Chloromethane	20.000	20.226	-1.1	107	0.00
4	M	Vinyl Chloride	20.000	19.364	3.2	100	0.00
5	M	Bromomethane	20.000	19.499	2.5	106	0.00
6	M	Chloroethane	20.000	17.970	10.2	96	0.00
7	M	Trichlorofluoromethane	20.000	19.755	1.2	106	0.00
8	T	Diethyl Ether	20.000	20.393	-2.0	109	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.227	-1.1	111	0.00
10	M	1,1-Dichloroethene	20.000	20.072	-0.4	112	0.00
11		Methyl Iodide	20.000	19.722	1.4	114	0.00
12		Methyl Acetate	20.000	19.603	2.0	106	0.00
13	M	Acrolein	100.000	89.965	10.0	100	0.00
14	M	Acrylonitrile	100.000	94.764	5.2	101	0.00
15	M	Acetone	100.000	100.811	-0.8	105	0.00
16	M	Carbon Disulfide	20.000	18.446	7.8	104	0.00
17		Allyl chloride	20.000	19.014	4.9	105	0.00
18	M	Methylene Chloride	20.000	18.274	8.6	100	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.052	-0.3	110	0.00
20	T	Diisopropyl ether	20.000	19.604	2.0	105	0.00
21	M	1,1-Dichloroethane	20.000	19.174	4.1	102	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.709	1.5	106	0.00
23	M	tert-Butyl Alcohol	100.000	107.415	-7.4	99	0.00
24	M	Methyl tert-Butyl Ether	20.000	18.885	5.6	100	0.00
25	M	Chloroform	20.000	19.166	4.2	102	0.00
26		Cyclohexane	20.000	19.166	4.2	106	0.00
27	s	1,2-Dichloroethane-d4	30.000	28.621	4.6	98	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	110	0.00
29		1,1-Dichloropropene	20.000	18.843	5.8	102	0.00
30	M	2-Butanone	100.000	94.669	5.3	98	0.00
31		2,2-Dichloropropane	20.000	18.427	7.9	101	0.00
32	M	1,1,1-Trichloroethane	20.000	18.611	6.9	103	0.00
33	M	Carbon Tetrachloride	20.000	18.643	6.8	105	0.00
34	M	Benzene	20.000	19.043	4.8	104	0.00
35		Methacrylonitrile	20.000	26.818	-34.1#	135	0.00
36	M	1,2-Dichloroethane	20.000	18.084	9.6	99	0.00
37	M	Trichloroethene	20.000	19.677	1.6	113	0.00
38		Methylcyclohexane	20.000	18.393	8.0	102	0.00
39	M	1,2-Dichloropropane	20.000	19.196	4.0	101	0.00
40		Dibromomethane	20.000	18.663	6.7	101	0.00
41	M	Bromodichloromethane	20.000	18.528	7.4	102	0.00
42	M	Vinyl Acetate	100.000	94.643	5.4	102	0.00
43		Ethyl Acetate	20.000	28.429	-42.1#	148	0.00
44		Isopropyl Acetate	20.000	19.439	2.8	106	0.00
45	T	1,4-Dioxane	400.000	382.990	4.3	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.609	2.0	102	0.00
47		n-amyl Acetate	20.000	18.042	9.8	101	0.00
48	M	t-1,3-Dichloropropene	20.000	18.005	10.0	100	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.803	6.0	102	0.00
50	M	1,1,2-Trichloroethane	20.000	18.996	5.0	105	0.00
51		Ethyl methacrylate	20.000	18.433	7.8	102	0.00
52		1,3-Dichloropropane	20.000	18.839	5.8	103	0.00
53	M	Dibromochloromethane	20.000	18.735	6.3	106	0.00
54	M	1,2-Dibromoethane	20.000	18.663	6.7	105	0.00
55	M	2-Chloroethyl vinyl ether	100.000	95.430	4.6	101	0.00
56	M	Bromoform	20.000	18.530	7.3	110	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58	M	4-Methyl-2-Pentanone	100.000	96.922	3.1	100	0.00
59	M	2-Hexanone	100.000	95.076	4.9	99	0.00
60	S	4-Bromofluorobenzene	30.000	27.626	7.9	99	0.00
61	M	Tetrachloroethene	20.000	20.209	-1.0	113	0.00
62	M	Toluene	20.000	19.156	4.2	102	0.00
63	S	Toluene-d8	30.000	29.314	2.3	104	0.00
64	M	Chlorobenzene	20.000	18.973	5.1	105	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.291	-1.5	112	0.00
66	M	Ethyl Benzene	20.000	18.974	5.1	105	0.00
67	M	m/p-Xylenes	40.000	37.156	7.1	103	0.00
68	M	o-Xylene	20.000	19.024	4.9	104	0.00
69	M	Styrene	20.000	18.542	7.3	100	0.00
70		Isopropylbenzene	20.000	18.720	6.4	104	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.312	3.4	104	0.00
72		1,2,3-Trichloropropane	20.000	16.681	16.6	87	0.00
73		Bromobenzene	20.000	20.195	-1.0	115	0.00
74		n-propylbenzene	20.000	18.146	9.3	100	0.00
75		2-Chlorotoluene	20.000	18.210	8.9	100	0.00
76		1,3,5-Trimethylbenzene	20.000	18.407	8.0	102	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.047	14.8	104	0.00
78		4-Chlorotoluene	20.000	18.138	9.3	100	0.00
79		tert-butylbenzene	20.000	18.924	5.4	103	0.00
80		1,2,4-Trimethylbenzene	20.000	18.790	6.1	102	0.00
81		sec-Butylbenzene	20.000	18.496	7.5	102	0.00
82		p-Isopropyltoluene	20.000	18.712	6.4	105	0.00
83	M	1,3-Dichlorobenzene	20.000	19.623	1.9	111	0.00
84	M	1,4-Dichlorobenzene	20.000	19.070	4.6	111	0.00
85		n-Butylbenzene	20.000	17.751	11.2	101	0.00
86	T	Hexachloroethane	20.000	17.717	11.4	101	0.00
87	M	1,2-Dichlorobenzene	20.000	20.212	-1.1	114	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.466	7.7	96	0.00
89		1,2,4-Trichlorobenzene	20.000	21.200	-6.0	122	0.00
90		Hexachlorobutadiene	20.000	22.669	-13.3	129	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	21.981	-9.9	124	0.00
92	1,2,3-Trichlorobenzene	20.000	23.672	-18.4	139	0.00

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