Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
Data File : VN052533.D
Acq On : 28 Nov 2018 21:41
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Nov 29 02:39:29 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	110	0.00
2	M	Dichlorodifluoromethane	20.000	18.079	9.6	96	0.00
3	M	Chloromethane	20.000	17.855	10.7	97	0.00
4	M	Vinyl Chloride	20.000	18.686	6.6	102	0.00
5	M	Bromomethane	20.000	18.765	6.2	104	0.00
6	M	Chloroethane	20.000	19.422	2.9	105	0.00
7	M	Trichlorofluoromethane	20.000	19.182	4.1	105	0.00
8	T	Diethyl Ether	20.000	19.549	2.3	110	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	18.500	7.5	98	0.00
10	M	1,1-Dichloroethene	20.000	19.591	2.0	108	0.00
11		Methyl Iodide	20.000	17.777	11.1	101	0.00
12		Methyl Acetate	20.000	18.671	6.6	102	0.00
13	M	Acrolein	100.000	85.989	14.0	102	0.00
14	M	Acrylonitrile	100.000	92.719	7.3	99	0.00
15	M	Acetone	100.000	80.391	19.6	81	0.00
16	M	Carbon Disulfide	20.000	17.777	11.1	98	0.00
17		Allyl chloride	20.000	18.184	9.1	99	0.00
18	M	Methylene Chloride	20.000	19.297	3.5	107	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.244	3.8	107	0.00
20	T	Diisopropyl ether	20.000	18.729	6.4	102	0.00
21	M	1,1-Dichloroethane	20.000	19.087	4.6	105	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.338	3.3	106	0.00
23	M	tert-Butyl Alcohol	100.000	106.637	-6.6	114	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.449	-2.2	112	0.00
25	M	Chloroform	20.000	19.285	3.6	106	0.00
26		Cyclohexane	20.000	18.491	7.5	101	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.059	3.1	106	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29		1,1-Dichloropropene	20.000	18.638	6.8	104	0.00
30	M	2-Butanone	100.000	87.701	12.3	95	0.00
31		2,2-Dichloropropane	20.000	17.662	11.7	101	0.00
32	M	1,1,1-Trichloroethane	20.000	19.058	4.7	108	0.00
33	M	Carbon Tetrachloride	20.000	18.722	6.4	105	0.00
34	M	Benzene	20.000	19.011	4.9	106	0.00
35		Methacrylonitrile	20.000	19.630	1.9	108	0.00
36	M	1,2-Dichloroethane	20.000	18.964	5.2	106	0.00
37	M	Trichloroethene	20.000	19.478	2.6	109	0.00
38		Methylcyclohexane	20.000	18.118	9.4	99	0.00
39	M	1,2-Dichloropropane	20.000	18.462	7.7	103	0.00
40		Dibromomethane	20.000	19.107	4.5	106	0.00
41	M	Bromodichloromethane	20.000	18.687	6.6	106	0.00
42	M	Vinyl Acetate	100.000	91.404	8.6	103	0.00
43		Ethyl Acetate	20.000	18.570	7.1	100	0.00
44		Isopropyl Acetate	20.000	19.383	3.1	110	0.00
45	T	1,4-Dioxane	400.000	415.305	-3.8	113	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.079	4.6	108	0.00
47		n-amyl Acetate	20.000	18.025	9.9	106	0.00
48	M	t-1,3-Dichloropropene	20.000	18.206	9.0	107	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.273	8.6	104	0.00
50	M	1,1,2-Trichloroethane	20.000	19.446	2.8	106	0.00
51		Ethyl methacrylate	20.000	19.344	3.3	112	0.00
52		1,3-Dichloropropane	20.000	19.010	4.9	105	0.00
53	M	Dibromochloromethane	20.000	18.658	6.7	105	0.00
54	M	1,2-Dibromoethane	20.000	19.412	2.9	109	0.00
55	M	2-Chloroethyl vinyl ether	100.000	94.412	5.6	104	0.00
56	M	Bromoform	20.000	18.424	7.9	105	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	100.000	97.689	2.3	104	0.00
59	M	2-Hexanone	100.000	92.161	7.8	97	0.00
60	S	4-Bromofluorobenzene	30.000	29.871	0.4	110	0.00
61	M	Tetrachloroethene	20.000	20.136	-0.7	108	0.00
62	M	Toluene	20.000	19.834	0.8	108	0.00
63	S	Toluene-d8	30.000	29.979	0.1	109	0.00
64	M	Chlorobenzene	20.000	19.582	2.1	108	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.617	1.9	109	0.00
66	M	Ethyl Benzene	20.000	19.308	3.5	106	0.00
67	M	m/p-Xylenes	40.000	39.473	1.3	107	0.00
68	M	o-Xylene	20.000	19.868	0.7	109	0.00
69	M	Styrene	20.000	19.424	2.9	106	0.00
70		Isopropylbenzene	20.000	19.797	1.0	108	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.652	1.7	105	0.00
72		1,2,3-Trichloropropane	20.000	19.258	3.7	111	0.00
73		Bromobenzene	20.000	19.825	0.9	110	0.00
74		n-propylbenzene	20.000	18.872	5.6	102	0.00
75		2-Chlorotoluene	20.000	19.419	2.9	105	0.00
76		1,3,5-Trimethylbenzene	20.000	19.600	2.0	106	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.028	14.9	99	0.00
78		4-Chlorotoluene	20.000	18.870	5.6	103	0.00
79		tert-butylbenzene	20.000	19.946	0.3	108	0.00
80		1,2,4-Trimethylbenzene	20.000	19.767	1.2	106	0.00
81		sec-Butylbenzene	20.000	19.069	4.7	103	0.00
82		p-Isopropyltoluene	20.000	19.023	4.9	104	0.00
83	M	1,3-Dichlorobenzene	20.000	19.331	3.3	106	0.00
84	M	1,4-Dichlorobenzene	20.000	19.404	3.0	107	0.00
85		n-Butylbenzene	20.000	17.833	10.8	98	0.00
86	T	Hexachloroethane	20.000	17.985	10.1	100	0.00
87	M	1,2-Dichlorobenzene	20.000	19.753	1.2	107	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.626	1.9	110	0.00
89		1,2,4-Trichlorobenzene	20.000	18.945	5.3	108	0.00
90		Hexachlorobutadiene	20.000	19.084	4.6	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.692	1.5	112	0.00
92	1,2,3-Trichlorobenzene	20.000	19.354	3.2	109	0.00

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