Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102318\
Data File : VN051967.D
Acq On : 23 Oct 2018 16:40
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Oct 24 07:33:57 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	117	0.00
2	M	Dichlorodifluoromethane	20.000	21.912	-9.6	129	0.00
3	M	Chloromethane	20.000	18.330	8.4	104	0.00
4	M	Vinyl Chloride	20.000	15.673	21.6	87	0.00
5	M	Bromomethane	20.000	18.165	9.2	106	0.01
6	M	Chloroethane	20.000	16.205	19.0	89	0.01
7	M	Trichlorofluoromethane	20.000	20.325	-1.6	127	0.02
8	T	Diethyl Ether	20.000	20.329	-1.6	115	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.923	-4.6	118	0.00
10	M	1,1-Dichloroethene	20.000	20.969	-4.8	118	0.00
11		Methyl Iodide	20.000	23.180	-15.9	139	0.00
12		Methyl Acetate	20.000	19.400	3.0	108	0.00
13	M	Acrolein	100.000	38.499	61.5#	46	0.00
14	M	Acrylonitrile	100.000	97.023	3.0	112	0.00
15	M	Acetone	100.000	97.039	3.0	107	0.00
16	M	Carbon Disulfide	20.000	18.348	8.3	108	0.00
17		Allyl chloride	20.000	16.915	15.4	94	0.00
18	M	Methylene Chloride	20.000	21.400	-7.0	121	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.326	-1.6	115	0.00
20	T	Diisopropyl ether	20.000	19.028	4.9	107	0.00
21	M	1,1-Dichloroethane	20.000	19.839	0.8	111	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.561	-2.8	119	0.00
23	M	tert-Butyl Alcohol	100.000	80.970	19.0	95	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.078	4.6	109	0.00
25	M	Chloroform	20.000	20.455	-2.3	116	0.00
26		Cyclohexane	20.000	18.555	7.2	105	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.511	1.6	109	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	115	0.00
29		1,1-Dichloropropene	20.000	20.083	-0.4	116	0.00
30	M	2-Butanone	100.000	89.345	10.7	102	0.00
31		2,2-Dichloropropane	20.000	18.668	6.7	106	0.00
32	M	1,1,1-Trichloroethane	20.000	19.778	1.1	116	0.00
33	M	Carbon Tetrachloride	20.000	19.021	4.9	111	0.00
34	M	Benzene	20.000	20.211	-1.1	116	0.00
35		Methacrylonitrile	20.000	14.401	28.0	86	-0.02
36	M	1,2-Dichloroethane	20.000	19.969	0.2	115	0.00
37	M	Trichloroethene	20.000	20.794	-4.0	120	0.00
38		Methylcyclohexane	20.000	18.450	7.8	107	0.00
39	M	1,2-Dichloropropane	20.000	19.462	2.7	110	0.00
40		Dibromomethane	20.000	20.353	-1.8	120	0.00
41	M	Bromodichloromethane	20.000	19.395	3.0	113	0.00
42	M	Vinyl Acetate	100.000	90.586	9.4	104	0.00
43		Ethyl Acetate	20.000	16.459	17.7	92	0.00
44		Isopropyl Acetate	20.000	17.434	12.8	99	0.00
45	T	1,4-Dioxane	400.000	396.580	0.9	115	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	18.391	8.0	105	0.00
47		n-amyl Acetate	20.000	19.091	4.5	119	0.00
48	M	t-1,3-Dichloropropene	20.000	17.991	10.0	109	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.087	4.6	112	0.00
50	M	1,1,2-Trichloroethane	20.000	20.684	-3.4	119	0.00
51		Ethyl methacrylate	20.000	18.862	5.7	111	0.00
52		1,3-Dichloropropane	20.000	20.178	-0.9	116	0.00
53	M	Dibromochloromethane	20.000	18.474	7.6	114	0.00
54	M	1,2-Dibromoethane	20.000	19.770	1.2	119	0.00
55	M	2-Chloroethyl vinyl ether	100.000	115.921	-15.9	136	0.00
56	M	Bromoform	20.000	16.410	17.9	110	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	119	0.00
58	M	4-Methyl-2-Pentanone	100.000	91.222	8.8	107	0.00
59	M	2-Hexanone	100.000	91.647	8.4	111	0.00
60	S	4-Bromofluorobenzene	30.000	29.846	0.5	122	0.00
61	M	Tetrachloroethene	20.000	19.662	1.7	115	0.00
62	M	Toluene	20.000	20.118	-0.6	119	0.00
63	S	Toluene-d8	30.000	29.522	1.6	114	0.00
64	M	Chlorobenzene	20.000	20.676	-3.4	125	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.253	3.7	115	0.00
66	M	Ethyl Benzene	20.000	19.822	0.9	118	0.00
67	M	m/p-Xylenes	40.000	39.583	1.0	119	0.00
68	M	o-Xylene	20.000	19.844	0.8	120	0.00
69	M	Styrene	20.000	20.366	-1.8	128	0.00
70		Isopropylbenzene	20.000	19.783	1.1	120	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.958	0.2	120	0.00
72		1,2,3-Trichloropropane	20.000	19.655	1.7	123	0.00
73		Bromobenzene	20.000	21.233	-6.2	134	0.00
74		n-propylbenzene	20.000	19.653	1.7	121	0.00
75		2-Chlorotoluene	20.000	19.734	1.3	120	0.00
76		1,3,5-Trimethylbenzene	20.000	19.434	2.8	119	0.00
77		t-1,4-Dichloro-2-butene	20.000	15.298	23.5	103	0.00
78		4-Chlorotoluene	20.000	20.653	-3.3	128	0.00
79		tert-butylbenzene	20.000	19.523	2.4	119	0.00
80		1,2,4-Trimethylbenzene	20.000	19.992	0.0	122	0.00
81		sec-Butylbenzene	20.000	19.643	1.8	120	0.00
82		p-Isopropyltoluene	20.000	19.874	0.6	125	0.00
83	M	1,3-Dichlorobenzene	20.000	21.859	-9.3	142	0.00
84	M	1,4-Dichlorobenzene	20.000	22.920	-14.6	152	0.00
85		n-Butylbenzene	20.000	20.380	-1.9	129	0.00
86	T	Hexachloroethane	20.000	16.276	18.6	105	0.00
87	M	1,2-Dichlorobenzene	20.000	21.624	-8.1	138	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.071	4.6	120	0.00
89		1,2,4-Trichlorobenzene	20.000	26.293	-31.5#	197	0.00
90		Hexachlorobutadiene	20.000	20.334	-1.7	125	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	28.105	-40.5#	225	0.00
92	1,2,3-Trichlorobenzene	20.000	25.646	-28.2	181	0.00

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