Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081420\
Data File : VN062940.D
Acq On : 14 Aug 2020 17:14
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 14 17:41:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 14 06:20:27 2020
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	105	0.00
2	M	Dichlorodifluoromethane	20.000	21.045	-5.2	103	0.00
3	M	Chloromethane	20.000	17.399	13.0	98	0.00
4	M	Vinyl Chloride	20.000	22.268	-11.3	133	0.00
5	M	Bromomethane	20.000	19.310	3.5	101	0.00
6	M	Chloroethane	20.000	19.471	2.6	99	0.00
7	M	Trichlorofluoromethane	20.000	20.158	-0.8	95	0.00
8	T	Diethyl Ether	20.000	18.180	9.1	99	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.111	-0.6	108	0.00
10	M	1,1-Dichloroethene	20.000	18.833	5.8	103	0.00
11		Methyl Iodide	20.000	14.667	26.7	82	0.00
12		Methyl Acetate	20.000	17.651	11.7	96	0.00
13	M	Acrolein	100.000	71.644	28.4	87	0.00
14	M	Acrylonitrile	100.000	89.494	10.5	100	0.00
15	M	Acetone	100.000	106.900	-6.9	112	0.00
16	M	Carbon Disulfide	20.000	17.634	11.8	102	0.00
17		Allyl chloride	20.000	17.772	11.1	102	0.00
18	M	Methylene Chloride	20.000	18.651	6.7	102	0.00
19	M	trans-1,2-Dichloroethene	20.000	18.409	8.0	104	0.00
20	T	Diisopropyl ether	20.000	18.488	7.6	99	0.00
21	M	1,1-Dichloroethane	20.000	18.405	8.0	97	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.399	8.0	100	0.00
23	M	tert-Butyl Alcohol	100.000	86.483	13.5	93	0.00
24	M	Methyl tert-Butyl Ether	20.000	18.178	9.1	99	0.00
25	M	Chloroform	20.000	18.499	7.5	99	0.00
26		Cyclohexane	20.000	18.564	7.2	104	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.547	1.5	101	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	108	0.00
29		1,1-Dichloropropene	20.000	18.142	9.3	100	0.00
30	M	2-Butanone	100.000	91.716	8.3	103	0.00
31		2,2-Dichloropropane	20.000	25.119	-25.6	135	0.00
32	M	1,1,1-Trichloroethane	20.000	18.604	7.0	102	0.00
33	M	Carbon Tetrachloride	20.000	18.745	6.3	102	0.00
34	M	Benzene	20.000	18.248	8.8	101	0.00
35		Methacrylonitrile	20.000	12.635	36.8#	80	0.00
36	M	1,2-Dichloroethane	20.000	18.014	9.9	98	0.00
37	M	Trichloroethene	20.000	18.669	6.7	102	0.00
38		Methylcyclohexane	20.000	18.664	6.7	106	0.00
39	M	1,2-Dichloropropane	20.000	17.802	11.0	98	0.00
40		Dibromomethane	20.000	18.116	9.4	98	0.00
41	M	Bromodichloromethane	20.000	18.406	8.0	100	0.00
42	M	Vinyl Acetate	100.000	86.290	13.7	101	0.00
43		Ethyl Acetate	20.000	18.316	8.4	104	0.00
44		Isopropyl Acetate	20.000	17.374	13.1	101	0.00
45	T	1,4-Dioxane	400.000	343.218	14.2	95	0.00

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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)
46		Methyl methacrylate	20.000	16.656	16.7	97	0.00
47		n-amyl Acetate	20.000	21.497	-7.5	126	0.00
48	M	t-1,3-Dichloropropene	20.000	18.996	5.0	106	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.089	4.6	108	0.00
50	M	1,1,2-Trichloroethane	20.000	19.279	3.6	105	0.00
51		Ethyl methacrylate	20.000	17.935	10.3	105	0.00
52		1,3-Dichloropropane	20.000	18.689	6.6	102	0.00
53	M	Dibromochloromethane	20.000	19.001	5.0	104	0.00
54	M	1,2-Dibromoethane	20.000	20.471	-2.4	116	0.00
55	M	2-Chloroethyl vinyl ether	100.000	86.673	13.3	113	0.00
56	M	Bromoform	20.000	22.703	-13.5	127	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	118	0.00
58	M	4-Methyl-2-Pentanone	100.000	83.117	16.9	102	0.00
59	M	2-Hexanone	100.000	93.258	6.7	115	0.00
60	S	4-Bromofluorobenzene	30.000	31.148	-3.8	130	0.00
61	M	Tetrachloroethene	20.000	18.074	9.6	112	0.00
62	M	Toluene	20.000	16.925	15.4	103	0.00
63	S	Toluene-d8	30.000	27.929	6.9	110	0.00
64	M	Chlorobenzene	20.000	18.253	8.7	113	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.158	9.2	109	0.00
66	M	Ethyl Benzene	20.000	18.205	9.0	115	0.00
67	M	m/p-Xylenes	40.000	37.228	6.9	113	0.00
68	M	o-Xylene	20.000	20.237	-1.2	127	0.00
69	M	Styrene	20.000	20.234	-1.2	125	0.00
70		Isopropylbenzene	20.000	19.510	2.4	122	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.248	8.8	112	0.00
72		1,2,3-Trichloropropane	20.000	16.850	15.7	98	0.00
73		Bromobenzene	20.000	18.251	8.7	114	0.00
74		n-propylbenzene	20.000	18.194	9.0	116	0.00
75		2-Chlorotoluene	20.000	17.596	12.0	109	0.00
76		1,3,5-Trimethylbenzene	20.000	17.656	11.7	112	0.00
77		t-1,4-Dichloro-2-butene	20.000	21.364	-6.8	141	0.00
78		4-Chlorotoluene	20.000	17.772	11.1	113	0.00
79		tert-butylbenzene	20.000	18.188	9.1	115	0.00
80		1,2,4-Trimethylbenzene	20.000	17.435	12.8	111	0.00
81		sec-Butylbenzene	20.000	17.686	11.6	114	0.00
82		p-Isopropyltoluene	20.000	18.091	9.5	118	0.00
83	M	1,3-Dichlorobenzene	20.000	18.360	8.2	117	0.00
84	M	1,4-Dichlorobenzene	20.000	19.835	0.8	130	0.00
85		n-Butylbenzene	20.000	19.482	2.6	145	0.00
86	T	Hexachloroethane	20.000	18.535	7.3	124	0.00
87	M	1,2-Dichlorobenzene	20.000	19.865	0.7	133	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.283	13.6	130	0.00
89		1,2,4-Trichlorobenzene	20.000	16.057	19.7	123	0.00
90		Hexachlorobutadiene	20.000	20.320	-1.6	136	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.159	29.2	118	0.00
92	1,2,3-Trichlorobenzene	20.000	15.452	22.7	117	0.00

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