Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
Data File : VN071345.D
Acq On : 17 Mar 2022 10:26
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Mar 17 10:44:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 17 06:37:08 2022
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	104	0.00
2	M	Dichlorodifluoromethane	20.000	20.917	-4.6	108	0.00
3	M	Chloromethane	20.000	19.822	0.9	103	0.00
4	M	Vinyl Chloride	20.000	20.363	-1.8	105	0.00
5	M	Bromomethane	20.000	23.528	-17.6	113	0.00
6	M	Chloroethane	20.000	21.707	-8.5	111	0.00
7	M	Trichlorofluoromethane	20.000	20.647	-3.2	108	0.00
8	T	Diethyl Ether	20.000	19.101	4.5	104	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.473	-7.4	113	0.00
10	M	1,1-Dichloroethene	20.000	19.696	1.5	105	0.00
11		Methyl Iodide	20.000	18.909	5.5	103	0.00
12		Methyl Acetate	20.000	17.890	10.5	96	0.00
13	M	Acrolein	100.000	84.469	15.5	89	0.00
14	M	Acrylonitrile	100.000	89.880	10.1	96	0.00
15	M	Acetone	100.000	120.221	-20.2	129	0.00
16	M	Carbon Disulfide	20.000	20.220	-1.1	111	0.00
17		Allyl chloride	20.000	19.525	2.4	104	0.00
18	M	Methylene Chloride	20.000	19.838	0.8	105	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.148	-0.7	108	0.00
20	T	Diisopropyl ether	20.000	19.933	0.3	109	0.00
21	M	1,1-Dichloroethane	20.000	19.640	1.8	103	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.998	0.0	107	0.00
23	M	tert-Butyl Alcohol	100.000	83.805	16.2	92	-0.02
24	M	Methyl tert-Butyl Ether	20.000	19.579	2.1	105	0.00
25	M	Chloroform	20.000	19.877	0.6	104	0.00
26		Cyclohexane	20.000	20.507	-2.5	110	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.248	-0.8	105	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29		1,1-Dichloropropene	20.000	19.930	0.4	109	0.00
30	M	2-Butanone	100.000	96.340	3.7	105	0.00
31		2,2-Dichloropropane	20.000	24.218	-21.1	130	0.00
32	M	1,1,1-Trichloroethane	20.000	19.311	3.4	104	0.00
33	M	Carbon Tetrachloride	20.000	19.380	3.1	104	0.00
34	M	Benzene	20.000	19.262	3.7	103	0.00
35		Methacrylonitrile	20.000	19.367	3.2	103	0.00
36	M	1,2-Dichloroethane	20.000	19.173	4.1	103	0.00
37	M	Trichloroethene	20.000	19.690	1.5	109	0.00
38		Methylcyclohexane	20.000	20.452	-2.3	113	0.00
39	M	1,2-Dichloropropane	20.000	19.215	3.9	103	0.00
40		Dibromomethane	20.000	18.836	5.8	102	0.00
41	M	Bromodichloromethane	20.000	19.419	2.9	106	0.00
42	M	Vinyl Acetate	100.000	95.264	4.7	103	0.00
43		Ethyl Acetate	20.000	17.993	10.0	98	0.00
44		Isopropyl Acetate	20.000	18.410	7.9	102	0.00
45	T	1,4-Dioxane	400.000	334.258	16.4	90	0.00
46		Methyl methacrylate	20.000	17.548	12.3	102	0.00
47		n-amyl Acetate	20.000	17.258	13.7	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	M	t-1,3-Dichloropropene	20.000	19.331	3.3	109	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.686	1.6	109	0.00
50	M	1,1,2-Trichloroethane	20.000	18.745	6.3	103	0.00
51		Ethyl methacrylate	20.000	18.158	9.2	103	0.00
52		1,3-Dichloropropane	20.000	19.159	4.2	104	0.00
53	M	Dibromochloromethane	20.000	18.848	5.8	104	0.00
54	M	1,2-Dibromoethane	20.000	18.809	6.0	105	0.00
55	M	2-Chloroethyl vinyl ether	100.000	68.510	31.5#	84	0.00
56	M	Bromoform	20.000	17.235	13.8	100	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58	M	4-Methyl-2-Pentanone	100.000	93.589	6.4	97	0.00
59	M	2-Hexanone	100.000	93.403	6.6	98	0.00
60	S	4-Bromofluorobenzene	30.000	30.263	-0.9	107	0.00
61	M	Tetrachloroethene	20.000	20.524	-2.6	109	0.00
62	M	Toluene	20.000	20.214	-1.1	104	0.00
63	S	Toluene-d8	30.000	31.033	-3.4	107	0.00
64	M	Chlorobenzene	20.000	19.814	0.9	105	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.934	0.3	104	0.00
66	M	Ethyl Benzene	20.000	19.771	1.1	105	0.00
67	M	m/p-Xylenes	40.000	40.217	-0.5	107	0.00
68	M	o-Xylene	20.000	19.721	1.4	103	0.00
69	M	Styrene	20.000	19.404	3.0	105	0.00
70		Isopropylbenzene	20.000	20.074	-0.4	107	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.269	3.7	100	0.00
72		1,2,3-Trichloropropane	20.000	19.554	2.2	113	0.00
73		Bromobenzene	20.000	19.873	0.6	107	0.00
74		n-propylbenzene	20.000	19.933	0.3	108	0.00
75		2-Chlorotoluene	20.000	19.804	1.0	106	0.00
76		1,3,5-Trimethylbenzene	20.000	20.103	-0.5	107	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.285	3.6	109	0.00
78		4-Chlorotoluene	20.000	20.035	-0.2	111	0.00
79		tert-butylbenzene	20.000	19.870	0.6	106	0.00
80		1,2,4-Trimethylbenzene	20.000	20.001	-0.0	104	0.00
81		sec-Butylbenzene	20.000	19.799	1.0	109	0.00
82		p-Isopropyltoluene	20.000	19.870	0.6	109	0.00
83	M	1,3-Dichlorobenzene	20.000	20.097	-0.5	109	0.00
84	M	1,4-Dichlorobenzene	20.000	20.022	-0.1	110	0.00
85		n-Butylbenzene	20.000	20.094	-0.5	118	0.00
86	T	Hexachloroethane	20.000	19.027	4.9	107	0.00
87	M	1,2-Dichlorobenzene	20.000	20.486	-2.4	108	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.818	10.9	96	0.00
89		1,2,4-Trichlorobenzene	20.000	18.932	5.3	109	0.00
90		Hexachlorobutadiene	20.000	22.601	-13.0	121	0.00
91	M	Naphthalene	20.000	16.505	17.5	102	0.00
92		1,2,3-Trichlorobenzene	20.000	18.429	7.9	106	0.00

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Compound	Amount	Calc.	%Dev Area%	Dev(min)

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