Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
Data File : VN071343.D
Acq On : 17 Mar 2022 02:27
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031722

Quant Time: Mar 17 06:40:19 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	105	0.00
2	M	Dichlorodifluoromethane	20.000	20.073	-0.4	104	0.00
3	M	Chloromethane	20.000	19.606	2.0	102	0.00
4	M	Vinyl Chloride	20.000	19.320	3.4	100	0.00
5	M	Bromomethane	20.000	22.971	-14.9	111	0.00
6	M	Chloroethane	20.000	19.626	1.9	101	0.00
7	M	Trichlorofluoromethane	20.000	19.721	1.4	104	0.00
8	T	Diethyl Ether	20.000	19.307	3.5	105	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.145	4.3	101	0.00
10	M	1,1-Dichloroethene	20.000	19.260	3.7	103	0.00
11		Methyl Iodide	20.000	17.864	10.7	98	0.00
12		Methyl Acetate	20.000	19.252	3.7	104	0.00
13	M	Acrolein	100.000	96.917	3.1	102	0.00
14	M	Acrylonitrile	100.000	94.396	5.6	101	0.00
15	M	Acetone	100.000	96.085	3.9	104	0.00
16	M	Carbon Disulfide	20.000	19.530	2.3	107	0.00
17		Allyl chloride	20.000	18.806	6.0	101	0.00
18	M	Methylene Chloride	20.000	18.971	5.1	101	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.781	1.1	106	0.00
20	T	Diisopropyl ether	20.000	19.533	2.3	107	0.00
21	M	1,1-Dichloroethane	20.000	19.131	4.3	100	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.328	3.4	104	0.00
23	M	tert-Butyl Alcohol	100.000	92.379	7.6	101	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.389	3.1	104	0.00
25	M	Chloroform	20.000	19.361	3.2	101	0.00
26		Cyclohexane	20.000	19.286	3.6	104	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.266	2.4	102	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29		1,1-Dichloropropene	20.000	19.564	2.2	104	0.00
30	M	2-Butanone	100.000	95.180	4.8	101	0.00
31		2,2-Dichloropropane	20.000	18.235	8.8	95	0.00
32	M	1,1,1-Trichloroethane	20.000	19.652	1.7	103	0.00
33	M	Carbon Tetrachloride	20.000	19.717	1.4	103	0.00
34	M	Benzene	20.000	19.537	2.3	102	0.00
35		Methacrylonitrile	20.000	20.350	-1.8	106	0.00
36	M	1,2-Dichloroethane	20.000	19.832	0.8	104	0.00
37	M	Trichloroethene	20.000	19.420	2.9	104	0.00
38		Methylcyclohexane	20.000	19.613	1.9	106	0.00
39	M	1,2-Dichloropropane	20.000	19.635	1.8	102	0.00
40		Dibromomethane	20.000	18.950	5.3	99	0.00
41	M	Bromodichloromethane	20.000	19.506	2.5	103	0.00
42	M	Vinyl Acetate	100.000	97.819	2.2	103	0.00
43		Ethyl Acetate	20.000	19.201	4.0	101	0.00
44		Isopropyl Acetate	20.000	18.917	5.4	102	0.00
45	T	1,4-Dioxane	400.000	371.731	7.1	97	0.00
46		Methyl methacrylate	20.000	18.330	8.4	103	0.00
47		n-amyl Acetate	20.000	18.117	9.4	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	M	t-1,3-Dichloropropene	20.000	18.607	7.0	102	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.151	4.2	103	0.00
50	M	1,1,2-Trichloroethane	20.000	19.282	3.6	103	0.00
51		Ethyl methacrylate	20.000	18.751	6.2	103	0.00
52		1,3-Dichloropropane	20.000	19.451	2.7	103	0.00
53	M	Dibromochloromethane	20.000	19.254	3.7	103	0.00
54	M	1,2-Dibromoethane	20.000	19.199	4.0	104	0.00
55	M	2-Chloroethyl vinyl ether	100.000	84.740	15.3	101	0.00
56	M	Bromoform	20.000	18.797	6.0	105	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	100.000	100.220	-0.2	101	0.00
59	M	2-Hexanone	100.000	98.748	1.3	101	0.00
60	S	4-Bromofluorobenzene	30.000	29.460	1.8	102	0.00
61	M	Tetrachloroethene	20.000	20.171	-0.9	104	0.00
62	M	Toluene	20.000	20.295	-1.5	102	0.00
63	S	Toluene-d8	30.000	30.964	-3.2	104	0.00
64	M	Chlorobenzene	20.000	20.217	-1.1	104	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.217	-1.1	103	0.00
66	M	Ethyl Benzene	20.000	19.788	1.1	102	0.00
67	M	m/p-Xylenes	40.000	40.246	-0.6	104	0.00
68	M	o-Xylene	20.000	20.050	-0.3	103	0.00
69	M	Styrene	20.000	19.690	1.5	104	0.00
70		Isopropylbenzene	20.000	19.832	0.8	103	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.123	-0.6	101	0.00
72		1,2,3-Trichloropropane	20.000	20.125	-0.6	114	0.00
73		Bromobenzene	20.000	19.658	1.7	104	0.00
74		n-propylbenzene	20.000	19.427	2.9	103	0.00
75		2-Chlorotoluene	20.000	19.543	2.3	102	0.00
76		1,3,5-Trimethylbenzene	20.000	19.892	0.5	103	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.310	8.5	101	0.00
78		4-Chlorotoluene	20.000	19.168	4.2	103	0.00
79		tert-butylbenzene	20.000	19.499	2.5	101	0.00
80		1,2,4-Trimethylbenzene	20.000	19.912	0.4	101	0.00
81		sec-Butylbenzene	20.000	19.547	2.3	105	0.00
82		p-Isopropyltoluene	20.000	19.277	3.6	103	0.00
83	M	1,3-Dichlorobenzene	20.000	19.822	0.9	105	0.00
84	M	1,4-Dichlorobenzene	20.000	19.592	2.0	105	0.00
85		n-Butylbenzene	20.000	18.625	6.9	106	0.00
86	T	Hexachloroethane	20.000	19.123	4.4	105	0.00
87	M	1,2-Dichlorobenzene	20.000	20.051	-0.3	103	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.706	6.5	99	0.00
89		1,2,4-Trichlorobenzene	20.000	18.828	5.9	106	0.00
90		Hexachlorobutadiene	20.000	20.383	-1.9	106	0.00
91	M	Naphthalene	20.000	18.634	6.8	112	0.00
92		1,2,3-Trichlorobenzene	20.000	19.082	4.6	107	0.00

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

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