Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
Data File : VN072503.D
Acq On : 16 May 2022 15:51
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: May 16 16:08:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon May 16 14:12:48 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	109	0.00
2	M	Dichlorodifluoromethane	2.492	2.417	3.0	99	0.00
3	M	Chloromethane	2.251	2.226	1.1	102	0.00
4	M	Vinyl Chloride	1.900	1.805	5.0	98	0.00
5	M	Bromomethane	1.545	1.533	0.8	118	0.00
6	M	Chloroethane	1.241	1.268	-2.2	107	0.00
7	M	Trichlorofluoromethane	4.488	4.456	0.7	100	0.00
8	T	Diethyl Ether	1.350	1.341	0.7	103	0.00
9		1,1,2-Trichlorotrifluoroeth	2.115	2.185	-3.3	104	0.00
10	M	1,1-Dichloroethene	1.907	1.867	2.1	103	0.00
11		Methyl Iodide	2.872	2.568	10.6	95	0.00
12		Methyl Acetate	3.085	3.092	-0.2	101	0.00
13	M	Acrolein	0.485	0.451	7.0	98	0.00
14	M	Acrylonitrile	1.301	1.320	-1.5	108	0.00
15	M	Acetone	0.341	0.342	-0.3	105	0.00
16	M	Carbon Disulfide	4.946	4.840	2.1	102	0.00
17		Allyl chloride	3.442	3.400	1.2	104	0.00
18	M	Methylene Chloride	2.257	2.345	-3.9	106	0.00
19	M	trans-1,2-Dichloroethene	2.094	2.048	2.2	102	0.00
20	T	Diisopropyl ether	7.156	7.199	-0.6	105	0.00
21	M	1,1-Dichloroethane	4.279	4.232	1.1	103	0.00
22	M	cis-1,2-Dichloroethene	2.459	2.385	3.0	102	0.00
23	M	tert-Butyl Alcohol	0.571	0.549	3.9	104	0.00
24	M	Methyl tert-Butyl Ether	7.823	7.707	1.5	102	0.00
25	M	Chloroform	4.615	4.626	-0.2	103	0.00
26		Cyclohexane	3.473	3.390	2.4	101	0.00
27	s	1,2-Dichloroethane-d4	3.376	3.429	-1.6	102	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.597	0.600	-0.5	105	0.00
30	M	2-Butanone	0.346	0.349	-0.9	103	0.00
31		2,2-Dichloropropane	0.741	0.768	-3.6	111	0.00
32	M	1,1,1-Trichloroethane	0.852	0.847	0.6	104	0.00
33	M	Carbon Tetrachloride	0.757	0.741	2.1	98	0.00
34	M	Benzene	1.698	1.708	-0.6	103	0.00
35		Methacrylonitrile	0.366	0.311	15.0	91	0.00
36	M	1,2-Dichloroethane	0.791	0.780	1.4	100	0.00
37	M	Trichloroethene	0.461	0.454	1.5	102	0.00
38		Methylcyclohexane	0.691	0.698	-1.0	105	0.00
39	M	1,2-Dichloropropane	0.428	0.422	1.4	99	0.00
40		Dibromomethane	0.330	0.333	-0.9	102	0.00
41	M	Bromodichloromethane	0.699	0.682	2.4	102	0.00
42	M	Vinyl Acetate	1.164	1.099	5.6	96	0.00
43		Ethyl Acetate	0.675	0.695	-3.0	110	0.00
44		Isopropyl Acetate	1.081	1.079	0.2	104	0.00
45	T	1,4-Dioxane	0.010	0.011#	-10.0	103	0.00
46		Methyl methacrylate	0.512	0.496	3.1	109	0.00
47		n-amyl Acetate	0.724	0.682	5.8	105	0.00
48	M	t-1,3-Dichloropropene	0.738	0.715	3.1	105	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.744	0.744	0.0	105	0.00
50	M	1,1,2-Trichloroethane	0.455	0.471	-3.5	108	0.00
51		Ethyl methacrylate	0.710	0.682	3.9	103	0.00
52		1,3-Dichloropropane	0.787	0.767	2.5	101	0.00
53	M	Dibromochloromethane	0.550	0.528	4.0	98	0.00
54	M	1,2-Dibromoethane	0.484	0.481	0.6	106	0.00
55	M	2-Chloroethyl vinyl ether	0.180	0.176	2.2	114	0.00
56	M	Bromoform	0.415	0.391	5.8	104	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.707	0.737	-4.2	104	0.00
59	M	2-Hexanone	0.519	0.539	-3.9	104	0.00
60	S	4-Bromofluorobenzene	0.586	0.606	-3.4	108	0.00
61	M	Tetrachloroethene	0.449	0.463	-3.1	102	0.00
62	M	Toluene	2.027	2.067	-2.0	103	0.00
63	S	Toluene-d8	1.638	1.702	-3.9	104	0.00
64	M	Chlorobenzene	1.264	1.293	-2.3	107	0.00
65		1,1,1,2-Tetrachloroethane	0.523	0.533	-1.9	101	0.00
66	M	Ethyl Benzene	2.280	2.307	-1.2	103	0.00
67	M	m/p-Xylenes	0.864	0.890	-3.0	105	0.00
68	M	o-Xylene	0.854	0.887	-3.9	106	0.00
69	M	Styrene	1.361	1.365	-0.3	105	0.00
70		Isopropylbenzene	2.267	2.345	-3.4	106	0.00
71	M	1,1,2,2-Tetrachloroethane	0.692	0.718	-3.8	103	0.00
72		1,2,3-Trichloropropane	0.649	0.692	-6.6	104	0.00
73		Bromobenzene	0.546	0.553	-1.3	106	0.00
74		n-propylbenzene	2.482	2.536	-2.2	109	0.00
75		2-Chlorotoluene	1.603	1.631	-1.7	104	0.00
76		1,3,5-Trimethylbenzene	1.939	1.968	-1.5	105	0.00
77		t-1,4-Dichloro-2-butene	0.215	0.201	6.5	108	0.00
78		4-Chlorotoluene	1.503	1.490	0.9	105	0.00
79		tert-butylbenzene	1.704	1.711	-0.4	104	0.00
80		1,2,4-Trimethylbenzene	1.868	1.933	-3.5	107	0.00
81		sec-Butylbenzene	2.259	2.264	-0.2	106	0.00
82		p-Isopropyltoluene	1.869	1.838	1.7	104	0.00
83	M	1,3-Dichlorobenzene	0.931	0.927	0.4	107	0.00
84	M	1,4-Dichlorobenzene	0.906	0.907	-0.1	107	0.00
85		n-Butylbenzene	1.385	1.283	7.4	107	0.00
86	T	Hexachloroethane	0.344	0.327	4.9	105	0.00
87	M	1,2-Dichlorobenzene	0.911	0.918	-0.8	104	0.00
88		1,2-Dibromo-3-Chloropropane	0.163	0.159	2.5	102	0.00
89		1,2,4-Trichlorobenzene	0.412	0.406	1.5	117	0.00
90		Hexachlorobutadiene	0.255	0.258	-1.2	103	0.00
91	M	Naphthalene	1.241	1.128	9.1	114	0.00
92		1,2,3-Trichlorobenzene	0.420	0.408	2.9	111	0.00

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