Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070155.D
Acq On : 17 Dec 2021 10:58
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Dec 18 05:28:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Dec 14 00:59:04 2021
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	106	0.00
2	M	Dichlorodifluoromethane	2.177	2.142	1.6	103	0.00
3	M	Chloromethane	2.494	2.486	0.3	107	0.00
4	M	Vinyl Chloride	2.346	2.212	5.7	103	0.00
5	M	Bromomethane	1.283	1.285	-0.2	110	0.00
6	M	Chloroethane	1.347	1.291	4.2	104	0.00
7	M	Trichlorofluoromethane	3.063	2.774	9.4	97	0.00
8	T	Diethyl Ether	1.216	1.177	3.2	109	0.00
9		1,1,2-Trichlorotrifluoroeth	1.799	1.741	3.2	105	0.00
10	M	1,1-Dichloroethene	1.711	1.602	6.4	103	0.00
11		Methyl Iodide	2.395	2.156	10.0	100	0.00
12		Methyl Acetate	4.216	4.588	-8.8	126	0.00
13	M	Acrolein	0.341	0.342	-0.3	120	0.00
14	M	Acrylonitrile	1.217	1.257	-3.3	120	0.00
15	M	Acetone	0.442	0.511	-15.6	116	0.00
16	M	Carbon Disulfide	5.157	4.110	20.3	88	0.00
17		Allyl chloride	3.849	3.654	5.1	108	0.00
18	M	Methylene Chloride	2.063	1.972	4.4	107	0.00
19	M	trans-1,2-Dichloroethene	1.818	1.732	4.7	105	0.00
20	T	Diisopropyl ether	7.372	7.394	-0.3	113	0.00
21	M	1,1-Dichloroethane	3.886	3.725	4.1	108	0.00
22	M	cis-1,2-Dichloroethene	2.152	2.052	4.6	108	0.00
23	M	tert-Butyl Alcohol	0.385	0.441	-14.5	147	0.01
24	M	Methyl tert-Butyl Ether	6.077	6.319	-4.0	119	0.00
25	M	Chloroform	3.861	3.653	5.4	105	0.00
26		Cyclohexane	3.597	3.561	1.0	111	0.00
27	s	1,2-Dichloroethane-d4	2.659	2.744	-3.2	110	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29		1,1-Dichloropropene	0.517	0.470	9.1	105	0.00
30	M	2-Butanone	0.355	0.383	-7.9	125	0.00
31		2,2-Dichloropropane	0.540	0.505	6.5	113	0.00
32	M	1,1,1-Trichloroethane	0.598	0.518	13.4	103	0.00
33	M	Carbon Tetrachloride	0.532	0.428	19.5	94	0.00
34	M	Benzene	1.527	1.407	7.9	107	0.00
35		Methacrylonitrile	0.329	0.317	3.6	122	0.00
36	M	1,2-Dichloroethane	0.603	0.554	8.1	108	0.00
37	M	Trichloroethene	0.363	0.322	11.3	105	0.00
38		Methylcyclohexane	0.614	0.564	8.1	109	0.00
39	M	1,2-Dichloropropane	0.407	0.377	7.4	109	0.00
40		Dibromomethane	0.269	0.238	11.5	103	0.00
41	M	Bromodichloromethane	0.568	0.456	19.7	94	0.00
42	M	Vinyl Acetate	1.044	1.009	3.4	118	0.00
43		Ethyl Acetate	0.617	0.629	-1.9	128	0.00
44		Isopropyl Acetate	0.994	0.977	1.7	121	0.00
45	T	1,4-Dioxane	0.007	0.008#	-14.3	137	0.00
46		Methyl methacrylate	0.471	0.454	3.6	117	0.00
47		n-amyl Acetate	0.693	0.659	4.9	133	0.00
48	M	t-1,3-Dichloropropene	0.571	0.480	15.9	106	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.620	0.533	14.0	106	0.00
50	M	1,1,2-Trichloroethane	0.365	0.338	7.4	109	0.00
51		Ethyl methacrylate	0.583	0.559	4.1	124	0.00
52		1,3-Dichloropropane	0.646	0.594	8.0	108	0.00
53	M	Dibromochloromethane	0.410	0.309	24.6	90	0.00
54	M	1,2-Dibromoethane	0.372	0.342	8.1	113	0.00
55	M	2-Chloroethyl vinyl ether	0.114	0.147	-28.9	176#	0.00
56	M	Bromoform	0.312	0.213	31.7#	85	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	0.689	0.719	-4.4	123	0.00
59	M	2-Hexanone	0.509	0.564	-10.8	131	0.00
60	S	4-Bromofluorobenzene	0.494	0.489	1.0	113	0.00
61	M	Tetrachloroethene	0.350	0.328	6.3	104	0.00
62	M	Toluene	1.764	1.663	5.7	107	0.00
63	S	Toluene-d8	1.386	1.405	-1.4	110	0.00
64	M	Chlorobenzene	1.047	0.965	7.8	107	0.00
65		1,1,1,2-Tetrachloroethane	0.394	0.337	14.5	99	0.00
66	M	Ethyl Benzene	1.961	1.832	6.6	108	0.00
67	M	m/p-Xylenes	0.717	0.669	6.7	107	0.00
68	M	o-Xylene	0.709	0.666	6.1	109	0.00
69	M	Styrene	1.156	1.051	9.1	107	0.00
70		Isopropylbenzene	1.860	1.758	5.5	110	0.00
71	M	1,1,2,2-Tetrachloroethane	0.610	0.589	3.4	112	0.00
72		1,2,3-Trichloropropane	0.568	0.577	-1.6	112	0.00
73		Bromobenzene	0.432	0.394	8.8	107	0.00
74		n-propylbenzene	2.156	1.973	8.5	108	0.00
75		2-Chlorotoluene	1.319	1.224	7.2	109	0.00
76		1,3,5-Trimethylbenzene	1.528	1.412	7.6	108	0.00
77		t-1,4-Dichloro-2-butene	0.179	0.141	21.2	104	0.00
78		4-Chlorotoluene	1.265	1.152	8.9	108	0.00
79		tert-butylbenzene	1.326	1.231	7.2	111	0.00
80		1,2,4-Trimethylbenzene	1.478	1.375	7.0	108	0.00
81		sec-Butylbenzene	1.851	1.687	8.9	109	0.00
82		p-Isopropyltoluene	1.475	1.355	8.1	109	0.00
83	M	1,3-Dichlorobenzene	0.730	0.667	8.6	108	0.00
84	M	1,4-Dichlorobenzene	0.702	0.634	9.7	108	0.00
85		n-Butylbenzene	1.232	1.066	13.5	108	0.00
86	T	Hexachloroethane	0.294	0.207	29.6	86	0.00
87	M	1,2-Dichlorobenzene	0.701	0.660	5.8	109	0.00
88		1,2-Dibromo-3-Chloropropane	0.117	0.105	10.3	115	0.00
89		1,2,4-Trichlorobenzene	0.326	0.313	4.0	121	0.00
90		Hexachlorobutadiene	0.194	0.185	4.6	107	0.00
91	M	Naphthalene	0.847	0.909	-7.3	154#	0.00
92		1,2,3-Trichlorobenzene	0.308	0.315	-2.3	127	0.00

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