Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092223\
Data File : VN079334.D
Acq On : 22 Sep 2023 17:05
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 23 00:41:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 08 05:09:17 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	101	0.00
2	M	Dichlorodifluoromethane	1.673	1.763	-5.4	114	0.00
3	M	Chloromethane	1.678	2.149	-28.1#	137	0.00
4	M	Vinyl Chloride	1.660	2.505	-50.9#	163#	0.00
5	M	Bromomethane	1.019	1.452	-42.5#	159#	0.01
6	M	Chloroethane	1.017	1.655	-62.7#	177#	0.01
7	M	Trichlorofluoromethane	1.976	3.124	-58.1#	171#	0.00
8	T	Diethyl Ether	0.725	1.072	-47.9#	152#	0.00
9		1,1,2-Trichlorotrifluoroeth	1.089	1.780	-63.5#	172#	0.01
10	M	1,1-Dichloroethene	1.055	1.631	-54.6#	157#	0.01
11		Methyl Iodide	1.329	1.805	-35.8#	144	0.00
12		Methyl Acetate	2.459	3.761	-52.9#	165#	-0.01
13	M	Acrolein	0.224	0.270	-20.5	119	0.00
14	M	Acrylonitrile	0.721	0.952	-32.0#	141	0.00
15	M	Acetone	0.188	0.263	-39.9#	144	-0.01
16	M	Carbon Disulfide	3.118	4.436	-42.3#	150#	0.01
17		Allyl chloride	1.696	2.415	-42.4#	142	0.00
18	M	Methylene Chloride	1.415	2.038	-44.0#	154#	0.00
19	M	trans-1,2-Dichloroethene	1.320	1.857	-40.7#	145	0.00
20	T	Diisopropyl ether	5.062	6.431	-27.0#	110	-0.01
21	M	1,1-Dichloroethane	2.965	3.823	-28.9#	115	0.00
22	M	cis-1,2-Dichloroethene	2.065	2.154	-4.3	104	0.00
23	M	tert-Butyl Alcohol	0.278	0.285	-2.5	112	0.00
24	M	Methyl tert-Butyl Ether	4.165	5.578	-33.9#	137	-0.01
25	M	Chloroform	3.576	3.967	-10.9	117	0.00
26		Cyclohexane	2.689	2.762	-2.7	107	0.00
27	s	1,2-Dichloroethane-d4	2.254	2.509	-11.3	117	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29		1,1-Dichloropropene	0.481	0.508	-5.6	113	0.00
30	M	2-Butanone	0.242	0.231	4.5	94	0.00
31		2,2-Dichloropropane	0.480	0.542	-12.9	112	0.00
32	M	1,1,1-Trichloroethane	0.567	0.616	-8.6	115	0.00
33	M	Carbon Tetrachloride	0.487	0.516	-6.0	114	0.00
34	M	Benzene	1.528	1.557	-1.9	109	0.00
35		Methacrylonitrile	0.260	0.255	1.9	100	-0.01
36	M	1,2-Dichloroethane	0.504	0.572	-13.5	125	0.00
37	M	Trichloroethene	0.361	0.361	0.0	112	0.00
38		Methylcyclohexane	0.481	0.477	0.8	106	0.00
39	M	1,2-Dichloropropane	0.394	0.419	-6.3	114	0.00
40		Dibromomethane	0.260	0.274	-5.4	114	0.00
41	M	Bromodichloromethane	0.518	0.574	-10.8	118	0.00
42	M	Vinyl Acetate	0.575	0.669	-16.3	104	0.00
43		Ethyl Acetate	0.459	0.495	-7.8	102	0.00
44		Isopropyl Acetate	0.827	0.815	1.5	107	0.00
45	T	1,4-Dioxane	0.008	0.007	12.5	90	0.00
46		Methyl methacrylate	0.369	0.372	-0.8	106	0.00
47		n-amyl Acetate	0.581	0.616	-6.0	118	0.00
48	M	t-1,3-Dichloropropene	0.561	0.556	0.9	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.585	0.625	-6.8	118	0.00
50	M	1,1,2-Trichloroethane	0.365	0.387	-6.0	112	0.00
51		Ethyl methacrylate	0.563	0.496	11.9	92	0.00
52		1,3-Dichloropropane	0.623	0.647	-3.9	107	0.00
53	M	Dibromochloromethane	0.383	0.398	-3.9	111	0.00
54	M	1,2-Dibromoethane	0.370	0.369	0.3	105	0.00
55	M	2-Chloroethyl vinyl ether	0.200	0.243	-21.5	131	0.00
56	M	Bromoform	0.267	0.267	0.0	112	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
58	M	4-Methyl-2-Pentanone	0.551	0.499	9.4	104	0.00
59	M	2-Hexanone	0.387	0.337	12.9	96	0.00
60	S	4-Bromofluorobenzene	0.442	0.440	0.5	107	0.00
61	M	Tetrachloroethene	0.326	0.307	5.8	105	0.00
62	M	Toluene	1.747	1.655	5.3	109	0.00
63	S	Toluene-d8	1.402	1.347	3.9	107	0.00
64	M	Chlorobenzene	1.019	1.031	-1.2	118	0.00
65		1,1,1,2-Tetrachloroethane	0.390	0.408	-4.6	122	0.00
66	M	Ethyl Benzene	1.759	1.821	-3.5	117	0.00
67	M	m/p-Xylenes	0.662	0.695	-5.0	118	0.00
68	M	o-Xylene	0.638	0.661	-3.6	127	0.00
69	M	Styrene	1.018	1.057	-3.8	124	0.00
70		Isopropylbenzene	1.622	1.686	-3.9	118	0.00
71	M	1,1,2,2-Tetrachloroethane	0.607	0.591	2.6	113	0.00
72		1,2,3-Trichloropropane	0.511	0.450	11.9	107	0.00
73		Bromobenzene	0.405	0.387	4.4	108	0.00
74		n-propylbenzene	1.848	2.077	-12.4	125	0.00
75		2-Chlorotoluene	1.185	1.284	-8.4	122	0.00
76		1,3,5-Trimethylbenzene	1.341	1.501	-11.9	123	0.00
77		t-1,4-Dichloro-2-butene	0.180	0.152	15.6	95	0.00
78		4-Chlorotoluene	1.119	1.219	-8.9	123	0.00
79		tert-butylbenzene	1.101	1.169	-6.2	114	0.00
80		1,2,4-Trimethylbenzene	1.281	1.480	-15.5	125	0.00
81		sec-Butylbenzene	1.506	1.683	-11.8	122	0.00
82		p-Isopropyltoluene	1.190	1.346	-13.1	122	0.00
83	M	1,3-Dichlorobenzene	0.644	0.696	-8.1	119	0.00
84	M	1,4-Dichlorobenzene	0.604	0.645	-6.8	116	0.00
85		n-Butylbenzene	0.906	1.043	-15.1	124	0.00
86	T	Hexachloroethane	0.236	0.265	-12.3	122	0.00
87	M	1,2-Dichlorobenzene	0.635	0.694	-9.3	118	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.082	20.4	87	0.00
89		1,2,4-Trichlorobenzene	0.272	0.207	23.9	88	0.00
90		Hexachlorobutadiene	0.165	0.136	17.6	99	0.00
91	M	Naphthalene	0.710	0.458	35.5#	74	0.00
92		1,2,3-Trichlorobenzene	0.272	0.207	23.9	88	0.00

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