Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
Data File : VN078823.D
Acq On : 09 Aug 2023 16:48
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 10 05:30:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 09 05:05:47 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	107	0.00
2	M	Dichlorodifluoromethane	2.068	2.056	0.6	101	0.00
3	M	Chloromethane	2.462	2.462	0.0	101	0.00
4	M	Vinyl Chloride	2.343	2.413	-3.0	109	0.00
5	M	Bromomethane	1.705	1.599	6.2	98	-0.01
6	M	Chloroethane	1.664	1.566	5.9	99	0.00
7	M	Trichlorofluoromethane	3.216	3.297	-2.5	103	0.00
8	T	Diethyl Ether	1.144	1.147	-0.3	103	0.00
9		1,1,2-Trichlorotrifluoroeth	1.725	1.744	-1.1	101	0.00
10	M	1,1-Dichloroethene	1.671	1.656	0.9	102	0.00
11		Methyl Iodide	2.229	2.160	3.1	99	-0.01
12		Methyl Acetate	3.631	3.446	5.1	96	0.00
13	M	Acrolein	0.385	0.319	17.1	91	0.00
14	M	Acrylonitrile	0.957	0.938	2.0	98	0.00
15	M	Acetone	0.247	0.302	-22.3	124	0.00
16	M	Carbon Disulfide	4.836	4.921	-1.8	102	0.00
17		Allyl chloride	2.920	2.858	2.1	109	0.00
18	M	Methylene Chloride	2.085	1.998	4.2	98	0.00
19	M	trans-1,2-Dichloroethene	1.918	1.899	1.0	103	0.00
20	T	Diisopropyl ether	6.558	6.729	-2.6	106	0.00
21	M	1,1-Dichloroethane	3.739	3.749	-0.3	104	0.00
22	M	cis-1,2-Dichloroethene	2.126	2.182	-2.6	102	0.02
23	M	tert-Butyl Alcohol	0.356	0.312	12.4	92	0.00
24	M	Methyl tert-Butyl Ether	5.592	5.615	-0.4	103	0.00
25	M	Chloroform	3.712	3.753	-1.1	105	0.00
26		Cyclohexane	2.945	2.972	-0.9	108	0.00
27	s	1,2-Dichloroethane-d4	2.415	2.415	0.0	105	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.487	0.510	-4.7	104	0.00
30	M	2-Butanone	0.239	0.259	-8.4	111	0.00
31		2,2-Dichloropropane	0.503	0.572	-13.7	114	0.00
32	M	1,1,1-Trichloroethane	0.574	0.590	-2.8	108	-0.01
33	M	Carbon Tetrachloride	0.495	0.531	-7.3	107	0.00
34	M	Benzene	1.483	1.521	-2.6	105	0.00
35		Methacrylonitrile	0.281	0.271	3.6	99	0.00
36	M	1,2-Dichloroethane	0.518	0.558	-7.7	110	0.00
37	M	Trichloroethene	0.357	0.368	-3.1	104	0.00
38		Methylcyclohexane	0.461	0.453	1.7	97	0.00
39	M	1,2-Dichloropropane	0.392	0.410	-4.6	105	0.00
40		Dibromomethane	0.261	0.261	0.0	104	0.00
41	M	Bromodichloromethane	0.526	0.541	-2.9	102	0.00
42	M	Vinyl Acetate	0.752	0.779	-3.6	104	0.00
43		Ethyl Acetate	0.496	0.545	-9.9	102	0.00
44		Isopropyl Acetate	0.890	0.855	3.9	101	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	106	0.00
46		Methyl methacrylate	0.377	0.407	-8.0	110	0.00
47		n-amyl Acetate	0.623	0.611	1.9	97	0.00
48	M	t-1,3-Dichloropropene	0.532	0.549	-3.2	104	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.591	0.593	-0.3	100	0.00
50	M	1,1,2-Trichloroethane	0.355	0.358	-0.8	102	0.00
51		Ethyl methacrylate	0.498	0.514	-3.2	107	0.00
52		1,3-Dichloropropane	0.610	0.634	-3.9	105	0.00
53	M	Dibromochloromethane	0.371	0.366	1.3	103	0.00
54	M	1,2-Dibromoethane	0.347	0.356	-2.6	105	0.00
55	M	2-Chloroethyl vinyl ether	0.184	0.195	-6.0	110	0.00
56	M	Bromoform	0.232	0.254	-9.5	111	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
58	M	4-Methyl-2-Pentanone	0.577	0.588	-1.9	106	0.00
59	M	2-Hexanone	0.401	0.418	-4.2	107	0.00
60	S	4-Bromofluorobenzene	0.421	0.431	-2.4	106	0.00
61	M	Tetrachloroethene	0.343	0.347	-1.2	107	0.00
62	M	Toluene	1.766	1.808	-2.4	106	0.00
63	S	Toluene-d8	1.470	1.471	-0.1	105	0.00
64	M	Chlorobenzene	1.034	1.055	-2.0	107	0.00
65		1,1,1,2-Tetrachloroethane	0.398	0.398	0.0	105	0.00
66	M	Ethyl Benzene	1.834	1.842	-0.4	102	0.00
67	M	m/p-Xylenes	0.673	0.705	-4.8	109	0.00
68	M	o-Xylene	0.669	0.659	1.5	101	0.00
69	M	Styrene	1.023	1.047	-2.3	106	0.00
70		Isopropylbenzene	1.654	1.710	-3.4	107	0.00
71	M	1,1,2,2-Tetrachloroethane	0.560	0.584	-4.3	107	0.00
72		1,2,3-Trichloropropane	0.489	0.525	-7.4	117	0.00
73		Bromobenzene	0.395	0.367	7.1	97	0.00
74		n-propylbenzene	1.830	1.863	-1.8	103	0.00
75		2-Chlorotoluene	1.140	1.191	-4.5	106	0.00
76		1,3,5-Trimethylbenzene	1.313	1.348	-2.7	102	0.00
77		t-1,4-Dichloro-2-butene	0.154	0.155	-0.6	102	0.00
78		4-Chlorotoluene	1.058	1.086	-2.6	103	0.00
79		tert-butylbenzene	1.078	1.108	-2.8	102	0.00
80		1,2,4-Trimethylbenzene	1.239	1.252	-1.0	101	0.00
81		sec-Butylbenzene	1.443	1.465	-1.5	101	0.00
82		p-Isopropyltoluene	1.130	1.093	3.3	97	0.00
83	M	1,3-Dichlorobenzene	0.611	0.635	-3.9	103	0.00
84	M	1,4-Dichlorobenzene	0.583	0.563	3.4	97	0.00
85		n-Butylbenzene	0.832	0.804	3.4	98	0.00
86	T	Hexachloroethane	0.238	0.244	-2.5	106	0.00
87	M	1,2-Dichlorobenzene	0.601	0.600	0.2	99	0.00
88		1,2-Dibromo-3-Chloropropane	0.080	0.083	-3.8	110	0.00
89		1,2,4-Trichlorobenzene	0.166	0.127	23.5	76	0.00
90		Hexachlorobutadiene	0.122	0.112	8.2	90	0.00
91	M	Naphthalene	0.520	0.382	26.5#	74	0.00
92		1,2,3-Trichlorobenzene	0.195	0.157	19.5	80	0.00

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