Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051722\
Data File : VN072527.D
Acq On : 17 May 2022 11:40
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: May 18 07:53:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 17 06:34:50 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	115	0.00
2	M	Dichlorodifluoromethane	2.492	2.498	-0.2	108	0.00
3	M	Chloromethane	2.251	2.144	4.8	104	0.00
4	M	Vinyl Chloride	1.900	1.597	15.9	92	0.00
5	M	Bromomethane	1.545	1.307	15.4	107	0.02
6	M	Chloroethane	1.241	1.211	2.4	109	0.02
7	M	Trichlorofluoromethane	4.488	4.048	9.8	96	0.00
8	T	Diethyl Ether	1.350	1.275	5.6	104	0.00
9		1,1,2-Trichlorotrifluoroeth	2.115	2.157	-2.0	109	0.01
10	M	1,1-Dichloroethene	1.907	1.829	4.1	107	-0.01
11		Methyl Iodide	2.872	2.648	7.8	104	0.00
12		Methyl Acetate	3.085	2.621	15.0	91	0.00
13	M	Acrolein	0.485	0.493	-1.6	113	0.00
14	M	Acrylonitrile	1.301	1.122	13.8	97	0.00
15	M	Acetone	0.341	0.275	19.4	89	0.01
16	M	Carbon Disulfide	4.946	4.740	4.2	105	0.00
17		Allyl chloride	3.442	3.055	11.2	99	0.00
18	M	Methylene Chloride	2.257	2.313	-2.5	111	0.00
19	M	trans-1,2-Dichloroethene	2.094	2.100	-0.3	110	0.00
20	T	Diisopropyl ether	7.156	6.937	3.1	107	0.00
21	M	1,1-Dichloroethane	4.279	4.079	4.7	105	0.00
22	M	cis-1,2-Dichloroethene	2.459	2.450	0.4	111	0.00
23	M	tert-Butyl Alcohol	0.571	0.363	36.4#	73	0.00
24	M	Methyl tert-Butyl Ether	7.823	7.380	5.7	104	0.00
25	M	Chloroform	4.615	4.573	0.9	108	0.00
26		Cyclohexane	3.473	3.315	4.5	105	0.00
27	s	1,2-Dichloroethane-d4	3.376	3.150	6.7	99	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.597	0.624	-4.5	110	0.00
30	M	2-Butanone	0.346	0.297	14.2	88	0.00
31		2,2-Dichloropropane	0.741	0.749	-1.1	108	0.00
32	M	1,1,1-Trichloroethane	0.852	0.875	-2.7	107	0.00
33	M	Carbon Tetrachloride	0.757	0.758	-0.1	101	0.00
34	M	Benzene	1.698	1.825	-7.5	110	0.00
35		Methacrylonitrile	0.366	0.335	8.5	98	0.00
36	M	1,2-Dichloroethane	0.791	0.797	-0.8	102	0.00
37	M	Trichloroethene	0.461	0.494	-7.2	111	0.00
38		Methylcyclohexane	0.691	0.693	-0.3	105	0.00
39	M	1,2-Dichloropropane	0.428	0.466	-8.9	110	0.00
40		Dibromomethane	0.330	0.336	-1.8	103	0.00
41	M	Bromodichloromethane	0.699	0.731	-4.6	110	0.00
42	M	Vinyl Acetate	1.164	1.159	0.4	102	0.00
43		Ethyl Acetate	0.675	0.633	6.2	100	0.00
44		Isopropyl Acetate	1.081	0.992	8.2	96	0.00
45	T	1,4-Dioxane	0.010	0.007#	30.0	73	0.00
46		Methyl methacrylate	0.512	0.451	11.9	99	0.00
47		n-amyl Acetate	0.724	0.636	12.2	98	0.00
48	M	t-1,3-Dichloropropene	0.738	0.709	3.9	104	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	0.483	-6.2	111	0.00
51		Ethyl methacrylate	0.710	0.654	7.9	99	0.00
52		1,3-Dichloropropane	0.787	0.809	-2.8	107	0.00
53	M	Dibromochloromethane	0.550	0.572	-4.0	106	0.00
54	M	1,2-Dibromoethane	0.484	0.503	-3.9	111	0.00
55	M	2-Chloroethyl vinyl ether	0.180	0.153	15.0	100	0.00
56	M	Bromoform	0.415	0.394	5.1	104	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.707	0.661	6.5	95	0.00
59	M	2-Hexanone	0.519	0.448	13.7	87	0.00
60	S	4-Bromofluorobenzene	0.586	0.587	-0.2	106	0.00
61	M	Tetrachloroethene	0.449	0.504	-12.2	112	0.00
62	M	Toluene	2.027	2.150	-6.1	108	0.00
63	S	Toluene-d8	1.638	1.713	-4.6	106	0.00
64	M	Chlorobenzene	1.264	1.329	-5.1	111	0.00
65		1,1,1,2-Tetrachloroethane	0.523	0.563	-7.6	108	0.00
66	M	Ethyl Benzene	2.280	2.280	0.0	103	0.00
67	M	m/p-Xylenes	0.864	0.922	-6.7	110	0.00
68	M	o-Xylene	0.854	0.904	-5.9	109	0.00
69	M	Styrene	1.361	1.426	-4.8	110	0.00
70		Isopropylbenzene	2.267	2.366	-4.4	108	0.00
71	M	1,1,2,2-Tetrachloroethane	0.692	0.729	-5.3	105	0.00
72		1,2,3-Trichloropropane	0.649	0.662	-2.0	100	0.00
73		Bromobenzene	0.546	0.572	-4.8	111	0.00
74		n-propylbenzene	2.482	2.589	-4.3	112	0.00
75		2-Chlorotoluene	1.603	1.690	-5.4	108	0.00
76		1,3,5-Trimethylbenzene	1.939	2.074	-7.0	111	0.00
77		t-1,4-Dichloro-2-butene	0.215	0.186	13.5	101	0.00
78		4-Chlorotoluene	1.503	1.571	-4.5	112	0.00
79		tert-butylbenzene	1.704	1.777	-4.3	109	0.00
80		1,2,4-Trimethylbenzene	1.868	1.982	-6.1	111	0.00
81		sec-Butylbenzene	2.259	2.302	-1.9	109	0.00
82		p-Isopropyltoluene	1.869	1.884	-0.8	107	0.00
83	M	1,3-Dichlorobenzene	0.931	1.014	-8.9	118	0.00
84	M	1,4-Dichlorobenzene	0.906	0.921	-1.7	110	0.00
85		n-Butylbenzene	1.385	1.256	9.3	105	0.00
86	T	Hexachloroethane	0.344	0.328	4.7	106	0.00
87	M	1,2-Dichlorobenzene	0.911	0.967	-6.1	111	0.00
88		1,2-Dibromo-3-Chloropropane	0.163	0.141	13.5	91	0.00
89		1,2,4-Trichlorobenzene	0.412	0.369	10.4	107	0.00
90		Hexachlorobutadiene	0.255	0.272	-6.7	109	0.00
91	M	Naphthalene	1.241	0.911	26.6	93	0.00
92		1,2,3-Trichlorobenzene	0.420	0.365	13.1	100	0.00

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