Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051223\
Data File : VN077672.D
Acq On : 12 May 2023 14:56
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: May 15 01:37:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 09 05:58:09 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	97	0.00
2	M	Dichlorodifluoromethane	1.970	1.721	12.6	85	-0.01
3	M	Chloromethane	1.497	1.349	9.9	92	-0.01
4	M	Vinyl Chloride	2.303	1.876	18.5	84	-0.01
5	M	Bromomethane	1.535	1.358	11.5	91	0.00
6	M	Chloroethane	1.505	1.025	31.9#	73	0.00
7	M	Trichlorofluoromethane	3.133	2.833	9.6	88	0.00
8	T	Diethyl Ether	0.987	0.961	2.6	103	-0.01
9		1,1,2-Trichlorotrifluoroeth	1.691	1.555	8.0	97	0.00
10	M	1,1-Dichloroethene	1.598	1.450	9.3	96	0.00
11		Methyl Iodide	2.486	2.298	7.6	97	0.00
12		Methyl Acetate	1.932	2.221	-15.0	116	-0.02
13	M	Acrolein	0.237	0.252	-6.3	114	-0.02
14	M	Acrylonitrile	0.588	0.628	-6.8	107	-0.01
15	M	Acetone	0.178	0.181	-1.7	102	-0.02
16	M	Carbon Disulfide	3.840	3.232	15.8	92	0.00
17		Allyl chloride	1.659	1.516	8.6	96	0.00
18	M	Methylene Chloride	1.943	1.716	11.7	94	-0.01
19	M	trans-1,2-Dichloroethene	1.798	1.650	8.2	94	0.00
20	T	Diisopropyl ether	4.035	3.853	4.5	93	-0.01
21	M	1,1-Dichloroethane	2.960	2.698	8.9	92	0.00
22	M	cis-1,2-Dichloroethene	2.167	1.908	12.0	88	0.00
23	M	tert-Butyl Alcohol	0.230	0.256	-11.3	110	-0.01
24	M	Methyl tert-Butyl Ether	5.410	4.881	9.8	89	0.00
25	M	Chloroform	3.528	3.182	9.8	89	0.00
26		Cyclohexane	2.430	2.093	13.9	87	0.00
27	s	1,2-Dichloroethane-d4	2.157	1.997	7.4	89	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29		1,1-Dichloropropene	0.432	0.392	9.3	89	0.00
30	M	2-Butanone	0.115	0.142	-23.5	113	-0.01
31		2,2-Dichloropropane	0.503	0.422	16.1	83	0.00
32	M	1,1,1-Trichloroethane	0.559	0.505	9.7	89	0.00
33	M	Carbon Tetrachloride	0.473	0.450	4.9	92	0.00
34	M	Benzene	1.304	1.226	6.0	90	0.00
35		Methacrylonitrile	0.131	0.155	-18.3	104	0.00
36	M	1,2-Dichloroethane	0.435	0.412	5.3	91	0.00
37	M	Trichloroethene	0.337	0.352	-4.5	103	0.00
38		Methylcyclohexane	0.556	0.486	12.6	87	0.00
39	M	1,2-Dichloropropane	0.302	0.281	7.0	88	0.00
40		Dibromomethane	0.238	0.221	7.1	89	0.00
41	M	Bromodichloromethane	0.479	0.428	10.6	85	0.00
42	M	Vinyl Acetate	0.427	0.376	11.9	83	0.00
43		Ethyl Acetate	0.247	0.287	-16.2	111	0.00
44		Isopropyl Acetate	0.453	0.487	-7.5	102	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	119	0.00
46		Methyl methacrylate	0.203	0.223	-9.9	98	0.00
47		n-amyl Acetate	0.390	0.385	1.3	92	0.00
48	M	t-1,3-Dichloropropene	0.483	0.405	16.1	82	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.530	0.458	13.6	84	0.00
50	M	1,1,2-Trichloroethane	0.343	0.330	3.8	91	0.00
51		Ethyl methacrylate	0.442	0.431	2.5	92	0.00
52		1,3-Dichloropropane	0.554	0.514	7.2	89	0.00
53	M	Dibromochloromethane	0.357	0.350	2.0	92	0.00
54	M	1,2-Dibromoethane	0.340	0.334	1.8	92	0.00
55	M	2-Chloroethyl vinyl ether	0.200	0.210	-5.0	95	0.00
56	M	Bromoform	0.210	0.243	-15.7	111	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58	M	4-Methyl-2-Pentanone	0.276	0.324	-17.4	109	0.00
59	M	2-Hexanone	0.199	0.233	-17.1	111	0.00
60	S	4-Bromofluorobenzene	0.477	0.450	5.7	90	0.00
61	M	Tetrachloroethene	0.290	0.317	-9.3	108	0.00
62	M	Toluene	1.661	1.540	7.3	92	0.00
63	S	Toluene-d8	1.386	1.345	3.0	93	0.00
64	M	Chlorobenzene	1.021	0.983	3.7	95	0.00
65		1,1,1,2-Tetrachloroethane	0.368	0.363	1.4	93	0.00
66	M	Ethyl Benzene	1.840	1.672	9.1	89	0.00
67	M	m/p-Xylenes	0.724	0.676	6.6	91	0.00
68	M	o-Xylene	0.714	0.671	6.0	92	0.00
69	M	Styrene	1.141	1.053	7.7	91	0.00
70		Isopropylbenzene	1.853	1.691	8.7	90	0.00
71	M	1,1,2,2-Tetrachloroethane	0.497	0.482	3.0	95	0.00
72		1,2,3-Trichloropropane	0.414	0.402	2.9	93	0.00
73		Bromobenzene	0.388	0.422	-8.8	108	0.00
74		n-propylbenzene	2.072	1.863	10.1	91	0.00
75		2-Chlorotoluene	1.253	1.132	9.7	89	0.00
76		1,3,5-Trimethylbenzene	1.465	1.271	13.2	87	0.00
77		t-1,4-Dichloro-2-butene	0.144	0.117	18.7	80	0.00
78		4-Chlorotoluene	1.224	1.111	9.2	91	0.00
79		tert-butylbenzene	1.312	1.287	1.9	99	0.00
80		1,2,4-Trimethylbenzene	1.422	1.157	18.6	84	0.00
81		sec-Butylbenzene	1.841	1.734	5.8	98	0.00
82		p-Isopropyltoluene	1.465	1.371	6.4	97	0.00
83	M	1,3-Dichlorobenzene	0.720	0.724	-0.6	103	0.00
84	M	1,4-Dichlorobenzene	0.705	0.709	-0.6	105	0.00
85		n-Butylbenzene	1.205	0.953	20.9	90	0.00
86	T	Hexachloroethane	0.273	0.243	11.0	91	0.00
87	M	1,2-Dichlorobenzene	0.699	0.712	-1.9	103	0.00
88		1,2-Dibromo-3-Chloropropane	0.090	0.083	7.8	90	0.00
89		1,2,4-Trichlorobenzene	0.241	0.177	26.6#	86	0.00
90		Hexachlorobutadiene	0.136	0.187	-37.5#	160#	0.00
91	M	Naphthalene	0.822	0.490	40.4#	69	0.00
92		1,2,3-Trichlorobenzene	0.222	0.161	27.5#	85	0.01

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