Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
Data File : VN077614.D
Acq On : 08 May 2023 13:00
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Quant Time: May 09 06:00:03 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	104	0.00
2	M	Dichlorodifluoromethane	1.970	2.057	-4.4	109	0.00
3	M	Chloromethane	1.497	1.556	-3.9	114	0.00
4	M	Vinyl Chloride	2.303	2.246	2.5	108	0.00
5	M	Bromomethane	1.535	1.785	-16.3	128	0.00
6	M	Chloroethane	1.505	1.539	-2.3	117	0.00
7	M	Trichlorofluoromethane	3.133	3.028	3.4	101	0.00
8	T	Diethyl Ether	0.987	1.072	-8.6	124	0.00
9		1,1,2-Trichlorotrifluoroeth	1.691	1.767	-4.5	119	0.00
10	M	1,1-Dichloroethene	1.598	1.632	-2.1	116	0.00
11		Methyl Iodide	2.486	2.530	-1.8	115	-0.01
12		Methyl Acetate	1.932	2.064	-6.8	115	0.00
13	M	Acrolein	0.237	0.222	6.3	109	0.00
14	M	Acrylonitrile	0.588	0.617	-4.9	113	0.00
15	M	Acetone	0.178	0.186	-4.5	113	-0.01
16	M	Carbon Disulfide	3.840	3.943	-2.7	120	0.00
17		Allyl chloride	1.659	1.652	0.4	112	0.00
18	M	Methylene Chloride	1.943	1.965	-1.1	115	0.00
19	M	trans-1,2-Dichloroethene	1.798	1.847	-2.7	113	0.00
20	T	Diisopropyl ether	4.035	4.091	-1.4	106	0.00
21	M	1,1-Dichloroethane	2.960	3.117	-5.3	114	-0.01
22	M	cis-1,2-Dichloroethene	2.167	2.257	-4.2	112	0.00
23	M	tert-Butyl Alcohol	0.230	0.262	-13.9	121	0.01
24	M	Methyl tert-Butyl Ether	5.410	5.644	-4.3	111	0.00
25	M	Chloroform	3.528	3.666	-3.9	110	0.00
26		Cyclohexane	2.430	2.497	-2.8	112	0.00
27	s	1,2-Dichloroethane-d4	2.157	2.184	-1.3	105	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
29		1,1-Dichloropropene	0.432	0.424	1.9	112	0.00
30	M	2-Butanone	0.115	0.122	-6.1	114	0.00
31		2,2-Dichloropropane	0.503	0.507	-0.8	116	0.00
32	M	1,1,1-Trichloroethane	0.559	0.554	0.9	114	0.00
33	M	Carbon Tetrachloride	0.473	0.469	0.8	111	0.00
34	M	Benzene	1.304	1.290	1.1	110	0.00
35		Methacrylonitrile	0.131	0.140	-6.9	109	0.00
36	M	1,2-Dichloroethane	0.435	0.433	0.5	111	0.00
37	M	Trichloroethene	0.337	0.329	2.4	112	0.00
38		Methylcyclohexane	0.556	0.561	-0.9	117	0.00
39	M	1,2-Dichloropropane	0.302	0.298	1.3	109	0.00
40		Dibromomethane	0.238	0.238	0.0	112	0.00
41	M	Bromodichloromethane	0.479	0.471	1.7	109	0.00
42	M	Vinyl Acetate	0.427	0.417	2.3	107	0.00
43		Ethyl Acetate	0.247	0.252	-2.0	113	0.00
44		Isopropyl Acetate	0.453	0.463	-2.2	113	0.00
45	T	1,4-Dioxane	0.006	0.006	0.0	129	0.00
46		Methyl methacrylate	0.203	0.208	-2.5	106	0.00
47		n-amyl Acetate	0.390	0.391	-0.3	109	0.00
48	M	t-1,3-Dichloropropene	0.483	0.469	2.9	111	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.530	0.513	3.2	110	0.00
50	M	1,1,2-Trichloroethane	0.343	0.338	1.5	108	0.00
51		Ethyl methacrylate	0.442	0.455	-2.9	113	0.00
52		1,3-Dichloropropane	0.554	0.548	1.1	110	0.00
53	M	Dibromochloromethane	0.357	0.345	3.4	106	0.00
54	M	1,2-Dibromoethane	0.340	0.339	0.3	108	0.00
55	M	2-Chloroethyl vinyl ether	0.200	0.204	-2.0	107	0.00
56	M	Bromoform	0.210	0.209	0.5	111	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58	M	4-Methyl-2-Pentanone	0.276	0.294	-6.5	109	0.00
59	M	2-Hexanone	0.199	0.215	-8.0	113	0.00
60	S	4-Bromofluorobenzene	0.477	0.472	1.0	105	0.00
61	M	Tetrachloroethene	0.290	0.296	-2.1	112	0.00
62	M	Toluene	1.661	1.702	-2.5	113	0.00
63	S	Toluene-d8	1.386	1.386	0.0	106	0.00
64	M	Chlorobenzene	1.021	1.035	-1.4	112	0.00
65		1,1,1,2-Tetrachloroethane	0.368	0.379	-3.0	108	0.00
66	M	Ethyl Benzene	1.840	1.871	-1.7	110	0.00
67	M	m/p-Xylenes	0.724	0.739	-2.1	111	0.00
68	M	o-Xylene	0.714	0.722	-1.1	110	0.00
69	M	Styrene	1.141	1.162	-1.8	112	0.00
70		Isopropylbenzene	1.853	1.893	-2.2	112	0.00
71	M	1,1,2,2-Tetrachloroethane	0.497	0.505	-1.6	110	0.00
72		1,2,3-Trichloropropane	0.414	0.375	9.4	96	0.00
73		Bromobenzene	0.388	0.391	-0.8	111	0.00
74		n-propylbenzene	2.072	2.101	-1.4	114	0.00
75		2-Chlorotoluene	1.253	1.271	-1.4	111	0.00
76		1,3,5-Trimethylbenzene	1.465	1.508	-2.9	115	0.00
77		t-1,4-Dichloro-2-butene	0.144	0.143	0.7	108	0.00
78		4-Chlorotoluene	1.224	1.218	0.5	111	0.00
79		tert-butylbenzene	1.312	1.352	-3.0	116	0.00
80		1,2,4-Trimethylbenzene	1.422	1.438	-1.1	116	0.00
81		sec-Butylbenzene	1.841	1.897	-3.0	119	0.00
82		p-Isopropyltoluene	1.465	1.495	-2.0	118	0.00
83	M	1,3-Dichlorobenzene	0.720	0.706	1.9	112	0.00
84	M	1,4-Dichlorobenzene	0.705	0.700	0.7	115	0.00
85		n-Butylbenzene	1.205	1.184	1.7	124	0.00
86	T	Hexachloroethane	0.273	0.279	-2.2	116	0.00
87	M	1,2-Dichlorobenzene	0.699	0.692	1.0	111	0.00
88		1,2-Dibromo-3-Chloropropane	0.090	0.093	-3.3	113	0.00
89		1,2,4-Trichlorobenzene	0.241	0.217	10.0	118	0.00
90		Hexachlorobutadiene	0.136	0.147	-8.1	139	0.00
91	M	Naphthalene	0.822	0.781	5.0	122	0.00
92		1,2,3-Trichlorobenzene	0.222	0.204	8.1	120	0.00

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