Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
Data File : VN072501.D
Acq On : 16 May 2022 14:40
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051622

Quant Time: May 17 07:16:42 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	116	0.00
2	M	Dichlorodifluoromethane	2.492	2.823	-13.3	123	0.00
3	M	Chloromethane	2.251	2.646	-17.5	129	0.00
4	M	Vinyl Chloride	1.900	2.191	-15.3	126	0.00
5	M	Bromomethane	1.545	1.749	-13.2	144	0.00
6	M	Chloroethane	1.241	1.356	-9.3	122	0.00
7	M	Trichlorofluoromethane	4.488	5.117	-14.0	122	0.00
8	T	Diethyl Ether	1.350	1.593	-18.0	131	0.00
9		1,1,2-Trichlorotrifluoroeth	2.115	2.513	-18.8	127	0.00
10	M	1,1-Dichloroethene	1.907	2.176	-14.1	128	0.00
11		Methyl Iodide	2.872	3.062	-6.6	120	0.00
12		Methyl Acetate	3.085	3.718	-20.5	130	0.00
13	M	Acrolein	0.485	0.497	-2.5	115	0.00
14	M	Acrylonitrile	1.301	1.548	-19.0	135	0.00
15	M	Acetone	0.341	0.421	-23.5	138	0.00
16	M	Carbon Disulfide	4.946	5.677	-14.8	127	0.00
17		Allyl chloride	3.442	3.905	-13.5	127	0.00
18	M	Methylene Chloride	2.257	2.602	-15.3	126	0.00
19	M	trans-1,2-Dichloroethene	2.094	2.424	-15.8	128	0.00
20	T	Diisopropyl ether	7.156	8.182	-14.3	127	0.00
21	M	1,1-Dichloroethane	4.279	4.774	-11.6	124	0.00
22	M	cis-1,2-Dichloroethene	2.459	2.937	-19.4	134	0.00
23	M	tert-Butyl Alcohol	0.571	0.696	-21.9	140	0.00
24	M	Methyl tert-Butyl Ether	7.823	9.069	-15.9	128	0.00
25	M	Chloroform	4.615	5.338	-15.7	127	0.00
26		Cyclohexane	3.473	4.188	-20.6	133	0.00
27	s	1,2-Dichloroethane-d4	3.376	3.440	-1.9	109	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
29		1,1-Dichloropropene	0.597	0.645	-8.0	128	0.00
30	M	2-Butanone	0.346	0.395	-14.2	131	0.00
31		2,2-Dichloropropane	0.741	0.834	-12.6	135	0.00
32	M	1,1,1-Trichloroethane	0.852	0.914	-7.3	126	0.00
33	M	Carbon Tetrachloride	0.757	0.817	-7.9	122	0.00
34	M	Benzene	1.698	1.864	-9.8	126	0.00
35		Methacrylonitrile	0.366	0.399	-9.0	132	0.00
36	M	1,2-Dichloroethane	0.791	0.841	-6.3	121	0.00
37	M	Trichloroethene	0.461	0.501	-8.7	126	0.00
38		Methylcyclohexane	0.691	0.772	-11.7	131	0.00
39	M	1,2-Dichloropropane	0.428	0.472	-10.3	125	0.00
40		Dibromomethane	0.330	0.351	-6.4	121	0.00
41	M	Bromodichloromethane	0.699	0.742	-6.2	125	0.00
42	M	Vinyl Acetate	1.164	1.323	-13.7	130	0.00
43		Ethyl Acetate	0.675	0.839	-24.3	149	0.00
44		Isopropyl Acetate	1.081	1.213	-12.2	131	0.00
45	T	1,4-Dioxane	0.010	0.012#	-20.0	131	0.00
46		Methyl methacrylate	0.512	0.556	-8.6	137	0.00
47		n-amyl Acetate	0.724	0.795	-9.8	138	0.00
48	M	t-1,3-Dichloropropene	0.738	0.793	-7.5	131	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.744	0.832	-11.8	132	0.00
50	M	1,1,2-Trichloroethane	0.455	0.502	-10.3	130	0.00
51		Ethyl methacrylate	0.710	0.786	-10.7	134	0.00
52		1,3-Dichloropropane	0.787	0.862	-9.5	128	0.00
53	M	Dibromochloromethane	0.550	0.606	-10.2	127	0.00
54	M	1,2-Dibromoethane	0.484	0.531	-9.7	132	0.00
55	M	2-Chloroethyl vinyl ether	0.180	0.174	3.3	127	0.00
56	M	Bromoform	0.415	0.444	-7.0	132	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
58	M	4-Methyl-2-Pentanone	0.707	0.848	-19.9	134	0.00
59	M	2-Hexanone	0.519	0.636	-22.5	137	0.00
60	S	4-Bromofluorobenzene	0.586	0.576	1.7	114	0.00
61	M	Tetrachloroethene	0.449	0.505	-12.5	124	0.00
62	M	Toluene	2.027	2.346	-15.7	130	0.00
63	S	Toluene-d8	1.638	1.660	-1.3	113	0.00
64	M	Chlorobenzene	1.264	1.407	-11.3	129	0.00
65		1,1,1,2-Tetrachloroethane	0.523	0.599	-14.5	127	0.00
66	M	Ethyl Benzene	2.280	2.578	-13.1	128	0.00
67	M	m/p-Xylenes	0.864	0.987	-14.2	130	0.00
68	M	o-Xylene	0.854	0.982	-15.0	131	0.00
69	M	Styrene	1.361	1.566	-15.1	134	0.00
70		Isopropylbenzene	2.267	2.590	-14.2	130	0.00
71	M	1,1,2,2-Tetrachloroethane	0.692	0.813	-17.5	129	0.00
72		1,2,3-Trichloropropane	0.649	0.676	-4.2	113	0.00
73		Bromobenzene	0.546	0.601	-10.1	128	0.00
74		n-propylbenzene	2.482	2.809	-13.2	134	0.00
75		2-Chlorotoluene	1.603	1.801	-12.4	127	0.00
76		1,3,5-Trimethylbenzene	1.939	2.229	-15.0	132	0.00
77		t-1,4-Dichloro-2-butene	0.215	0.235	-9.3	140	0.00
78		4-Chlorotoluene	1.503	1.743	-16.0	136	0.00
79		tert-butylbenzene	1.704	1.924	-12.9	130	0.00
80		1,2,4-Trimethylbenzene	1.868	2.192	-17.3	135	0.00
81		sec-Butylbenzene	2.259	2.553	-13.0	133	0.00
82		p-Isopropyltoluene	1.869	2.121	-13.5	133	0.00
83	M	1,3-Dichlorobenzene	0.931	1.039	-11.6	133	0.00
84	M	1,4-Dichlorobenzene	0.906	1.017	-12.3	134	0.00
85		n-Butylbenzene	1.385	1.587	-14.6	147	0.00
86	T	Hexachloroethane	0.344	0.385	-11.9	138	0.00
87	M	1,2-Dichlorobenzene	0.911	1.057	-16.0	134	0.00
88		1,2-Dibromo-3-Chloropropane	0.163	0.198	-21.5	141	0.00
89		1,2,4-Trichlorobenzene	0.412	0.497	-20.6	159#	0.00
90		Hexachlorobutadiene	0.255	0.305	-19.6	135	0.00
91	M	Naphthalene	1.241	1.497	-20.6	168#	0.00
92		1,2,3-Trichlorobenzene	0.420	0.488	-16.2	148	0.00

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