Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111021\
Data File : VN069442.D
Acq On : 10 Nov 2021 15:07
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111021

Quant Time: Nov 10 18:03:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 2021
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	111	0.00
2	M	Dichlorodifluoromethane	2.217	2.477	-11.7	107	0.00
3	M	Chloromethane	2.311	2.562	-10.9	109	0.00
4	M	Vinyl Chloride	2.344	2.592	-10.6	109	0.00
5	M	Bromomethane	1.501	1.748	-16.5	115	0.00
6	M	Chloroethane	1.479	1.611	-8.9	105	0.00
7	M	Trichlorofluoromethane	3.435	3.816	-11.1	107	0.00
8	T	Diethyl Ether	1.084	1.150	-6.1	108	0.00
9		1,1,2-Trichlorotrifluoroeth	1.590	1.785	-12.3	111	-0.01
10	M	1,1-Dichloroethene	1.499	1.565	-4.4	105	-0.01
11		Methyl Iodide	2.089	1.899	9.1	97	-0.01
12		Methyl Acetate	4.318	4.540	-5.1	107	0.00
13	M	Acrolein	0.119	0.110	7.6	105	0.00
14	M	Acrylonitrile	1.178	1.227	-4.2	112	0.00
15	M	Acetone	0.393	0.405	-3.1	91	0.00
16	M	Carbon Disulfide	3.747	3.807	-1.6	109	0.00
17		Allyl chloride	3.186	3.324	-4.3	110	0.00
18	M	Methylene Chloride	1.910	1.974	-3.4	107	0.00
19	M	trans-1,2-Dichloroethene	1.645	1.723	-4.7	108	0.00
20	T	Diisopropyl ether	6.828	7.228	-5.9	111	0.00
21	M	1,1-Dichloroethane	3.464	3.649	-5.3	109	0.00
22	M	cis-1,2-Dichloroethene	2.040	2.133	-4.6	108	0.00
23	M	tert-Butyl Alcohol	0.410	0.437	-6.6	118	0.02
24	M	Methyl tert-Butyl Ether	6.008	6.452	-7.4	112	0.00
25	M	Chloroform	3.581	3.776	-5.4	108	0.00
26		Cyclohexane	3.289	3.595	-9.3	112	0.00
27	s	1,2-Dichloroethane-d4	2.602	2.649	-1.8	107	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
29		1,1-Dichloropropene	0.458	0.481	-5.0	111	0.00
30	M	2-Butanone	0.331	0.331	0.0	104	0.00
31		2,2-Dichloropropane	0.484	0.485	-0.2	111	0.00
32	M	1,1,1-Trichloroethane	0.535	0.539	-0.7	110	0.00
33	M	Carbon Tetrachloride	0.442	0.443	-0.2	110	0.00
34	M	Benzene	1.393	1.439	-3.3	110	0.00
35		Methacrylonitrile	0.304	0.302	0.7	113	0.00
36	M	1,2-Dichloroethane	0.537	0.565	-5.2	111	0.00
37	M	Trichloroethene	0.336	0.348	-3.6	113	0.00
38		Methylcyclohexane	0.567	0.601	-6.0	115	0.00
39	M	1,2-Dichloropropane	0.369	0.377	-2.2	110	0.00
40		Dibromomethane	0.247	0.248	-0.4	109	0.00
41	M	Bromodichloromethane	0.464	0.466	-0.4	114	0.00
42	M	Vinyl Acetate	0.937	0.944	-0.7	111	0.00
43		Ethyl Acetate	0.614	0.617	-0.5	114	0.00
44		Isopropyl Acetate	0.958	0.970	-1.3	112	0.00
45	T	1,4-Dioxane	0.008	0.008#	0.0	115	0.00
46		Methyl methacrylate	0.441	0.444	-0.7	114	0.00
47		n-amyl Acetate	0.735	0.680	7.5	114	0.00
48	M	t-1,3-Dichloropropene	0.498	0.476	4.4	113	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.541	0.535	1.1	113	0.00
50	M	1,1,2-Trichloroethane	0.351	0.355	-1.1	112	0.00
51		Ethyl methacrylate	0.588	0.580	1.4	115	0.00
52		1,3-Dichloropropane	0.606	0.618	-2.0	111	0.00
53	M	Dibromochloromethane	0.335	0.317	5.4	113	0.00
54	M	1,2-Dibromoethane	0.363	0.358	1.4	110	0.00
55	M	2-Chloroethyl vinyl ether	0.134	0.110	17.9	106	0.00
56	M	Bromoform	0.240	0.215	10.4	115	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	0.659	0.713	-8.2	114	0.00
59	M	2-Hexanone	0.501	0.520	-3.8	110	0.00
60	S	4-Bromofluorobenzene	0.480	0.474	1.3	110	0.00
61	M	Tetrachloroethene	0.322	0.342	-6.2	110	0.00
62	M	Toluene	1.649	1.753	-6.3	109	0.00
63	S	Toluene-d8	1.385	1.409	-1.7	109	0.00
64	M	Chlorobenzene	0.989	1.024	-3.5	110	0.00
65		1,1,1,2-Tetrachloroethane	0.348	0.362	-4.0	111	0.00
66	M	Ethyl Benzene	1.825	1.941	-6.4	111	0.00
67	M	m/p-Xylenes	0.678	0.720	-6.2	110	0.00
68	M	o-Xylene	0.679	0.704	-3.7	108	0.00
69	M	Styrene	1.100	1.129	-2.6	110	0.00
70		Isopropylbenzene	1.775	1.867	-5.2	111	0.00
71	M	1,1,2,2-Tetrachloroethane	0.586	0.613	-4.6	112	0.00
72		1,2,3-Trichloropropane	0.570	0.545	4.4	105	0.00
73		Bromobenzene	0.409	0.418	-2.2	112	0.00
74		n-propylbenzene	2.038	2.152	-5.6	112	0.00
75		2-Chlorotoluene	1.241	1.295	-4.4	111	0.00
76		1,3,5-Trimethylbenzene	1.457	1.528	-4.9	111	0.00
77		t-1,4-Dichloro-2-butene	0.154	0.139	9.7	119	0.00
78		4-Chlorotoluene	1.188	1.238	-4.2	113	0.00
79		tert-butylbenzene	1.281	1.352	-5.5	115	0.00
80		1,2,4-Trimethylbenzene	1.421	1.502	-5.7	112	0.00
81		sec-Butylbenzene	1.793	1.873	-4.5	112	0.00
82		p-Isopropyltoluene	1.430	1.493	-4.4	115	0.00
83	M	1,3-Dichlorobenzene	0.699	0.736	-5.3	116	0.00
84	M	1,4-Dichlorobenzene	0.679	0.707	-4.1	115	0.00
85		n-Butylbenzene	1.194	1.207	-1.1	119	0.00
86	T	Hexachloroethane	0.237	0.224	5.5	113	0.00
87	M	1,2-Dichlorobenzene	0.675	0.709	-5.0	113	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.103	0.0	121	0.00
89		1,2,4-Trichlorobenzene	0.324	0.333	-2.8	130	0.00
90		Hexachlorobutadiene	0.175	0.196	-12.0	123	0.00
91	M	Naphthalene	0.932	1.000	-7.3	147	0.00
92		1,2,3-Trichlorobenzene	0.318	0.344	-8.2	135	0.00

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