Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
Data File : VN065852.D
Acq On : 12 Feb 2021 20:50
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Feb 13 01:02:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 03 14:50:04 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	103	0.00
2	M	Dichlorodifluoromethane	1.792	1.708	4.7	112	0.00
3	M	Chloromethane	2.629	2.333	11.3	104	0.00
4	M	Vinyl Chloride	2.600	2.432	6.5	109	0.00
5	M	Bromomethane	1.551	1.372	11.5	103	0.00
6	M	Chloroethane	1.500	1.369	8.7	107	0.00
7	M	Trichlorofluoromethane	2.695	2.568	4.7	111	0.00
8	T	Diethyl Ether	1.236	1.177	4.8	111	0.00
9		1,1,2-Trichlorotrifluoroeth	1.647	1.653	-0.4	116	0.00
10	M	1,1-Dichloroethene	1.754	1.702	3.0	113	0.00
11		Methyl Iodide	2.472	2.105	14.8	100	0.00
12		Methyl Acetate	2.125	1.772	16.6	97	0.00
13	M	Acrolein	0.285	0.303	-6.3	112	0.00
14	M	Acrylonitrile	0.944	0.780	17.4	96	0.00
15	M	Acetone	0.289	0.204	29.4	71	0.00
16	M	Carbon Disulfide	5.503	4.708	14.4	101	0.00
17		Allyl chloride	3.329	2.687	19.3	96	0.00
18	M	Methylene Chloride	2.068	1.958	5.3	111	0.00
19	M	trans-1,2-Dichloroethene	1.918	1.781	7.1	110	0.00
20	T	Diisopropyl ether	6.717	5.708	15.0	98	0.00
21	M	1,1-Dichloroethane	3.706	3.356	9.4	106	0.00
22	M	cis-1,2-Dichloroethene	2.204	2.049	7.0	109	0.00
23	M	tert-Butyl Alcohol	0.338	0.252	25.4	83	0.00
24	M	Methyl tert-Butyl Ether	5.863	5.304	9.5	106	0.00
25	M	Chloroform	3.362	3.139	6.6	108	0.00
26		Cyclohexane	3.467	3.032	12.5	102	0.00
27	s	1,2-Dichloroethane-d4	2.081	1.963	5.7	96	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.484	0.435	10.1	107	0.00
30	M	2-Butanone	0.217	0.162	25.3	84	0.00
31		2,2-Dichloropropane	0.507	0.402	20.7	92	0.00
32	M	1,1,1-Trichloroethane	0.480	0.440	8.3	108	0.00
33	M	Carbon Tetrachloride	0.397	0.360	9.3	107	0.00
34	M	Benzene	1.496	1.384	7.5	109	0.00
35		Methacrylonitrile	0.228	0.171	25.0	96	0.00
36	M	1,2-Dichloroethane	0.449	0.408	9.1	105	0.00
37	M	Trichloroethene	0.361	0.353	2.2	115	0.00
38		Methylcyclohexane	0.574	0.499	13.1	103	0.00
39	M	1,2-Dichloropropane	0.407	0.365	10.3	105	0.00
40		Dibromomethane	0.230	0.207	10.0	104	0.00
41	M	Bromodichloromethane	0.467	0.400	14.3	102	0.00
42	M	Vinyl Acetate	0.950	0.754	20.6	93	0.00
43		Ethyl Acetate	0.444	0.365	17.8	96	0.00
44		Isopropyl Acetate	0.768	0.598	22.1	90	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	88	0.00
46		Methyl methacrylate	0.368	0.301	18.2	97	0.00
47		n-amyl Acetate	0.643	0.502	21.9	97	0.00
48	M	t-1,3-Dichloropropene	0.551	0.452	18.0	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.625	0.531	15.0	101	0.00
50	M	1,1,2-Trichloroethane	0.337	0.318	5.6	111	0.00
51		Ethyl methacrylate	0.543	0.469	13.6	103	0.00
52		1,3-Dichloropropane	0.604	0.564	6.6	110	0.00
53	M	Dibromochloromethane	0.342	0.299	12.6	107	0.00
54	M	1,2-Dibromoethane	0.338	0.323	4.4	114	0.00
55	M	2-Chloroethyl vinyl ether	0.241	0.221	8.3	97	0.00
56	M	Bromoform	0.216	0.187	13.4	106	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58	M	4-Methyl-2-Pentanone	0.498	0.397	20.3	93	0.00
59	M	2-Hexanone	0.357	0.276	22.7	91	0.00
60	S	4-Bromofluorobenzene	0.488	0.472	3.3	102	0.00
61	M	Tetrachloroethene	0.395	0.374	5.3	111	0.00
62	M	Toluene	1.754	1.645	6.2	113	0.00
63	S	Toluene-d8	1.442	1.402	2.8	101	0.00
64	M	Chlorobenzene	1.035	0.977	5.6	115	0.00
65		1,1,1,2-Tetrachloroethane	0.360	0.329	8.6	110	0.00
66	M	Ethyl Benzene	1.878	1.727	8.0	111	0.00
67	M	m/p-Xylenes	0.699	0.667	4.6	115	0.00
68	M	o-Xylene	0.681	0.646	5.1	114	0.00
69	M	Styrene	1.101	1.045	5.1	118	0.00
70		Isopropylbenzene	1.749	1.654	5.4	114	0.00
71	M	1,1,2,2-Tetrachloroethane	0.513	0.486	5.3	112	0.00
72		1,2,3-Trichloropropane	0.503	0.442	12.1	99	0.00
73		Bromobenzene	0.394	0.383	2.8	120	0.00
74		n-propylbenzene	2.022	1.836	9.2	112	0.00
75		2-Chlorotoluene	1.225	1.119	8.7	110	0.00
76		1,3,5-Trimethylbenzene	1.464	1.382	5.6	115	0.00
77		t-1,4-Dichloro-2-butene	0.196	0.131	33.2#	84	0.00
78		4-Chlorotoluene	1.218	1.099	9.8	112	0.00
79		tert-butylbenzene	1.209	1.149	5.0	115	0.00
80		1,2,4-Trimethylbenzene	1.466	1.372	6.4	114	0.00
81		sec-Butylbenzene	1.615	1.480	8.4	111	0.00
82		p-Isopropyltoluene	1.438	1.310	8.9	112	0.00
83	M	1,3-Dichlorobenzene	0.689	0.654	5.1	118	0.00
84	M	1,4-Dichlorobenzene	0.676	0.628	7.1	118	0.00
85		n-Butylbenzene	1.255	1.072	14.6	108	0.00
86	T	Hexachloroethane	0.250	0.196	21.6	99	0.00
87	M	1,2-Dichlorobenzene	0.689	0.647	6.1	115	0.00
88		1,2-Dibromo-3-Chloropropane	0.099	0.074	25.3	88	0.00
89		1,2,4-Trichlorobenzene	0.359	0.292	18.7	111	0.00
90		Hexachlorobutadiene	0.163	0.145	11.0	107	0.00
91	M	Naphthalene	1.150	0.937	18.5	111	0.00
92		1,2,3-Trichlorobenzene	0.360	0.297	17.5	108	0.00

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