Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
Data File : VN066706.D
Acq On : 22 Apr 2021 11:17
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Apr 23 06:27:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Apr 21 16:55:39 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	102	0.00
2	M	Dichlorodifluoromethane	1.477	1.298	12.1	95	0.00
3	M	Chloromethane	2.298	1.996	13.1	94	0.00
4	M	Vinyl Chloride	2.190	1.889	13.7	95	0.00
5	M	Bromomethane	1.288	1.240	3.7	102	0.00
6	M	Chloroethane	1.337	1.181	11.7	96	0.00
7	M	Trichlorofluoromethane	2.440	2.193	10.1	99	0.00
8	T	Diethyl Ether	1.083	0.965	10.9	100	0.00
9		1,1,2-Trichlorotrifluoroeth	1.547	1.404	9.2	102	0.00
10	M	1,1-Dichloroethene	1.559	1.392	10.7	101	0.00
11		Methyl Iodide	2.361	2.086	11.6	100	0.00
12		Methyl Acetate	2.126	1.744	18.0	88	0.00
13	M	Acrolein	0.301	0.313	-4.0	112	0.00
14	M	Acrylonitrile	0.934	0.755	19.2	89	0.00
15	M	Acetone	0.245	0.318	-29.8	137	0.00
16	M	Carbon Disulfide	4.808	4.185	13.0	97	0.00
17		Allyl chloride	3.091	2.696	12.8	97	0.00
18	M	Methylene Chloride	1.995	1.766	11.5	98	0.00
19	M	trans-1,2-Dichloroethene	1.765	1.551	12.1	98	0.00
20	T	Diisopropyl ether	6.502	5.729	11.9	99	0.00
21	M	1,1-Dichloroethane	3.495	3.096	11.4	100	0.00
22	M	cis-1,2-Dichloroethene	2.048	1.819	11.2	100	0.00
23	M	tert-Butyl Alcohol	0.318	0.240	24.5	83	-0.02
24	M	Methyl tert-Butyl Ether	5.438	4.693	13.7	99	0.00
25	M	Chloroform	3.347	2.925	12.6	97	0.00
26		Cyclohexane	3.006	2.633	12.4	102	0.00
27	s	1,2-Dichloroethane-d4	2.162	2.108	2.5	98	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
29		1,1-Dichloropropene	0.472	0.399	15.5	102	0.00
30	M	2-Butanone	0.228	0.198	13.2	100	0.00
31		2,2-Dichloropropane	0.544	0.473	13.1	102	0.00
32	M	1,1,1-Trichloroethane	0.533	0.446	16.3	98	0.00
33	M	Carbon Tetrachloride	0.450	0.375	16.7	99	0.00
34	M	Benzene	1.522	1.290	15.2	100	0.00
35		Methacrylonitrile	0.220	0.209	5.0	109	0.01
36	M	1,2-Dichloroethane	0.500	0.413	17.4	95	0.00
37	M	Trichloroethene	0.362	0.311	14.1	104	0.00
38		Methylcyclohexane	0.563	0.478	15.1	107	0.00
39	M	1,2-Dichloropropane	0.416	0.348	16.3	97	0.00
40		Dibromomethane	0.249	0.202	18.9	93	0.00
41	M	Bromodichloromethane	0.523	0.433	17.2	96	0.00
42	M	Vinyl Acetate	1.022	0.822	19.6	95	0.00
43		Ethyl Acetate	0.501	0.362	27.7	82	0.00
44		Isopropyl Acetate	0.837	0.651	22.2	92	0.00
45	T	1,4-Dioxane	0.006	0.004#	33.3#	74	0.00
46		Methyl methacrylate	0.382	0.283	25.9	89	0.00
47		n-amyl Acetate	0.462	0.092	80.1#	79	0.00
48	M	t-1,3-Dichloropropene	0.572	0.456	20.3	96	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.632	0.522	17.4	100	0.00
50	M	1,1,2-Trichloroethane	0.366	0.304	16.9	96	0.00
51		Ethyl methacrylate	0.517	0.391	24.4	95	0.00
52		1,3-Dichloropropane	0.624	0.503	19.4	95	0.00
53	M	Dibromochloromethane	0.396	0.315	20.5	93	0.00
54	M	1,2-Dibromoethane	0.367	0.293	20.2	92	0.00
55	M	2-Chloroethyl vinyl ether	0.079	0.058	26.6	97	0.00
56	M	Bromoform	0.286	0.210	26.6	87	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.511	0.407	20.4	85	0.00
59	M	2-Hexanone	0.328	0.256	22.0	86	0.00
60	S	4-Bromofluorobenzene	0.470	0.452	3.8	100	0.00
61	M	Tetrachloroethene	0.331	0.321	3.0	106	0.00
62	M	Toluene	1.703	1.501	11.9	98	0.00
63	S	Toluene-d8	1.380	1.404	-1.7	102	0.00
64	M	Chlorobenzene	1.019	0.899	11.8	98	0.00
65		1,1,1,2-Tetrachloroethane	0.382	0.335	12.3	97	0.00
66	M	Ethyl Benzene	1.819	1.552	14.7	98	0.00
67	M	m/p-Xylenes	0.683	0.581	14.9	96	0.00
68	M	o-Xylene	0.662	0.573	13.4	98	0.00
69	M	Styrene	1.065	0.870	18.3	96	0.00
70		Isopropylbenzene	1.730	1.482	14.3	98	0.00
71	M	1,1,2,2-Tetrachloroethane	0.571	0.476	16.6	86	0.00
72		1,2,3-Trichloropropane	0.497	0.401	19.3	92	0.00
73		Bromobenzene	0.438	0.365	16.7	95	0.00
74		n-propylbenzene	2.008	1.669	16.9	97	0.00
75		2-Chlorotoluene	1.202	1.013	15.7	95	0.00
76		1,3,5-Trimethylbenzene	1.463	1.230	15.9	95	0.00
77		t-1,4-Dichloro-2-butene	0.157	0.105	33.1#	86	0.00
78		4-Chlorotoluene	1.179	0.969	17.8	97	0.00
79		tert-butylbenzene	1.225	1.044	14.8	99	0.00
80		1,2,4-Trimethylbenzene	1.403	1.161	17.2	98	0.00
81		sec-Butylbenzene	1.630	1.357	16.7	98	0.00
82		p-Isopropyltoluene	1.395	1.157	17.1	101	0.00
83	M	1,3-Dichlorobenzene	0.727	0.621	14.6	101	0.00
84	M	1,4-Dichlorobenzene	0.702	0.604	14.0	102	0.00
85		n-Butylbenzene	1.160	0.933	19.6	106	0.00
86	T	Hexachloroethane	0.294	0.234	20.4	92	0.00
87	M	1,2-Dichlorobenzene	0.714	0.614	14.0	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.098	0.069	29.6	89	0.00
89		1,2,4-Trichlorobenzene	0.413	0.365	11.6	114	0.00
90		Hexachlorobutadiene	0.231	0.206	10.8	102	0.00
91	M	Naphthalene	0.992	0.890	10.3	111	0.00
92		1,2,3-Trichlorobenzene	0.390	0.354	9.2	112	0.00

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