Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN072020\
Data File : VN062553.D
Acq On : 20 Jul 2020 10:24
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jul 21 01:11:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
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	91	0.00
2	M	Dichlorodifluoromethane	1.771	1.634	7.7	85	0.00
3	M	Chloromethane	2.557	2.243	12.3	82	0.00
4	M	Vinyl Chloride	2.235	1.935	13.4	80	0.00
5	M	Bromomethane	1.109	0.899	18.9	80	0.00
6	M	Chloroethane	1.100	0.947	13.9	78	0.00
7	M	Trichlorofluoromethane	2.619	2.503	4.4	85	0.00
8	T	Diethyl Ether	1.259	1.149	8.7	83	0.00
9		1,1,2-Trichlorotrifluoroeth	1.693	1.585	6.4	86	0.00
10	M	1,1-Dichloroethene	1.728	1.579	8.6	85	0.00
11		Methyl Iodide	2.116	1.974	6.7	89	0.00
12		Methyl Acetate	2.317	2.141	7.6	87	0.00
13	M	Acrolein	0.346	0.305	11.8	79	0.00
14	M	Acrylonitrile	1.078	0.989	8.3	86	0.00
15	M	Acetone	0.331	0.348	-5.1	82	0.00
16	M	Carbon Disulfide	5.630	4.977	11.6	83	0.00
17		Allyl chloride	3.674	3.354	8.7	81	0.00
18	M	Methylene Chloride	2.126	2.020	5.0	86	0.00
19	M	trans-1,2-Dichloroethene	1.912	1.700	11.1	83	0.00
20	T	Diisopropyl ether	7.553	7.027	7.0	85	0.00
21	M	1,1-Dichloroethane	3.993	3.609	9.6	83	0.00
22	M	cis-1,2-Dichloroethene	2.156	1.964	8.9	84	0.00
23	M	tert-Butyl Alcohol	0.361	0.348	3.6	87	0.00
24	M	Methyl tert-Butyl Ether	6.369	5.784	9.2	84	0.00
25	M	Chloroform	3.662	3.470	5.2	87	0.00
26		Cyclohexane	3.520	3.023	14.1	80	0.00
27	s	1,2-Dichloroethane-d4	2.577	2.518	2.3	88	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
29		1,1-Dichloropropene	0.509	0.488	4.1	84	0.00
30	M	2-Butanone	0.270	0.275	-1.9	82	0.00
31		2,2-Dichloropropane	0.574	0.570	0.7	84	0.00
32	M	1,1,1-Trichloroethane	0.547	0.557	-1.8	87	0.00
33	M	Carbon Tetrachloride	0.474	0.476	-0.4	87	0.00
34	M	Benzene	1.512	1.500	0.8	85	0.00
35		Methacrylonitrile	0.237	0.265	-11.8	92	0.00
36	M	1,2-Dichloroethane	0.543	0.553	-1.8	88	0.00
37	M	Trichloroethene	0.340	0.340	0.0	86	0.00
38		Methylcyclohexane	0.571	0.524	8.2	81	0.00
39	M	1,2-Dichloropropane	0.431	0.427	0.9	85	0.00
40		Dibromomethane	0.248	0.247	0.4	85	0.00
41	M	Bromodichloromethane	0.526	0.529	-0.6	86	0.00
42	M	Vinyl Acetate	1.121	1.080	3.7	81	0.00
43		Ethyl Acetate	0.543	0.532	2.0	84	0.00
44		Isopropyl Acetate	0.910	0.859	5.6	82	0.00
45	T	1,4-Dioxane	0.006	0.007#	-16.7	88	0.00

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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.432	0.411	4.9	82	0.00
47		n-amyl Acetate	0.767	0.705	8.1	82	0.00
48	M	t-1,3-Dichloropropene	0.614	0.597	2.8	86	0.00
49	T	cis-1,3-Dichloropropene	0.663	0.638	3.8	84	0.00
50	M	1,1,2-Trichloroethane	0.348	0.355	-2.0	87	0.00
51		Ethyl methacrylate	0.586	0.535	8.7	80	0.00
52		1,3-Dichloropropane	0.639	0.639	0.0	86	0.00
53	M	Dibromochloromethane	0.379	0.378	0.3	85	0.00
54	M	1,2-Dibromoethane	0.356	0.353	0.8	88	0.00
55	M	2-Chloroethyl vinyl ether	0.187	0.159	15.0	76	0.00
56	M	Bromoform	0.259	0.259	0.0	87	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58	M	4-Methyl-2-Pentanone	0.584	0.570	2.4	82	0.00
59	M	2-Hexanone	0.429	0.420	2.1	82	0.00
60	S	4-Bromofluorobenzene	0.511	0.514	-0.6	89	0.00
61	M	Tetrachloroethene	0.307	0.306	0.3	86	0.00
62	M	Toluene	1.702	1.659	2.5	83	0.00
63	S	Toluene-d8	1.418	1.444	-1.8	87	0.00
64	M	Chlorobenzene	1.000	0.987	1.3	88	0.00
65		1,1,1,2-Tetrachloroethane	0.370	0.372	-0.5	88	0.00
66	M	Ethyl Benzene	1.885	1.784	5.4	83	0.00
67	M	m/p-Xylenes	0.684	0.651	4.8	84	0.00
68	M	o-Xylene	0.656	0.621	5.3	83	0.00
69	M	Styrene	1.114	1.061	4.8	85	0.00
70		Isopropylbenzene	1.762	1.694	3.9	85	0.00
71	M	1,1,2,2-Tetrachloroethane	0.570	0.567	0.5	87	0.00
72		1,2,3-Trichloropropane	0.554	0.541	2.3	85	0.00
73		Bromobenzene	0.408	0.400	2.0	87	0.00
74		n-propylbenzene	2.095	2.020	3.6	87	0.00
75		2-Chlorotoluene	1.261	1.220	3.3	86	0.00
76		1,3,5-Trimethylbenzene	1.502	1.448	3.6	87	0.00
77		t-1,4-Dichloro-2-butene	0.207	0.198	4.3	87	0.00
78		4-Chlorotoluene	1.287	1.225	4.8	85	0.00
79		tert-butylbenzene	1.243	1.180	5.1	84	0.00
80		1,2,4-Trimethylbenzene	1.477	1.416	4.1	86	0.00
81		sec-Butylbenzene	1.670	1.588	4.9	86	0.00
82		p-Isopropyltoluene	1.474	1.396	5.3	86	0.00
83	M	1,3-Dichlorobenzene	0.709	0.690	2.7	88	0.00
84	M	1,4-Dichlorobenzene	0.699	0.671	4.0	89	0.00
85		n-Butylbenzene	1.264	1.127	10.8	86	0.00
86	T	Hexachloroethane	0.284	0.278	2.1	89	0.00
87	M	1,2-Dichlorobenzene	0.682	0.670	1.8	88	0.00
88		1,2-Dibromo-3-Chloropropane	0.108	0.106	1.9	86	0.00
89		1,2,4-Trichlorobenzene	0.339	0.292	13.9	84	0.00
90		Hexachlorobutadiene	0.188	0.192	-2.1	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.920	0.724	21.3	77	0.00
92	1,2,3-Trichlorobenzene	0.342	0.307	10.2	85	0.00

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