Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082020\
Data File : VN063044.D
Acq On : 20 Aug 2020 18:25
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 21 06:35:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Aug 20 14:01:17 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	89	0.00
2	M	Dichlorodifluoromethane	2.145	2.270	-5.8	93	0.00
3	M	Chloromethane	2.373	2.585	-8.9	96	0.00
4	M	Vinyl Chloride	2.389	2.497	-4.5	94	0.00
5	M	Bromomethane	1.473	1.304	11.5	80	-0.03
6	M	Chloroethane	1.412	1.445	-2.3	93	-0.02
7	M	Trichlorofluoromethane	2.881	2.910	-1.0	92	0.00
8	T	Diethyl Ether	0.958	0.946	1.3	94	0.00
9		1,1,2-Trichlorotrifluoroeth	1.558	1.468	5.8	90	0.00
10	M	1,1-Dichloroethene	1.400	1.318	5.9	90	0.00
11		Methyl Iodide	1.921	1.849	3.7	96	0.00
12		Methyl Acetate	1.866	1.915	-2.6	95	0.00
13	M	Acrolein	0.191	0.164	14.1	89	0.00
14	M	Acrylonitrile	0.817	0.818	-0.1	94	0.00
15	M	Acetone	0.236	0.211	10.6	84	0.00
16	M	Carbon Disulfide	3.758	3.583	4.7	90	0.00
17		Allyl chloride	2.569	2.355	8.3	90	0.00
18	M	Methylene Chloride	1.959	2.598	-32.6#	124	0.00
19	M	trans-1,2-Dichloroethene	1.539	1.476	4.1	93	0.00
20	T	Diisopropyl ether	6.017	6.063	-0.8	95	0.00
21	M	1,1-Dichloroethane	3.302	3.241	1.8	93	0.00
22	M	cis-1,2-Dichloroethene	1.908	1.817	4.8	93	0.00
23	M	tert-Butyl Alcohol	0.268	0.211	21.3	73	0.00
24	M	Methyl tert-Butyl Ether	5.136	4.971	3.2	94	0.00
25	M	Chloroform	3.288	3.254	1.0	95	0.00
26		Cyclohexane	2.843	2.701	5.0	91	0.00
27	s	1,2-Dichloroethane-d4	2.126	2.153	-1.3	88	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
29		1,1-Dichloropropene	0.436	0.408	6.4	89	0.00
30	M	2-Butanone	0.203	0.200	1.5	92	0.00
31		2,2-Dichloropropane	0.530	0.460	13.2	83	0.00
32	M	1,1,1-Trichloroethane	0.525	0.522	0.6	93	0.00
33	M	Carbon Tetrachloride	0.447	0.446	0.2	94	0.00
34	M	Benzene	1.396	1.399	-0.2	93	0.00
35		Methacrylonitrile	0.193	0.175	9.3	80	0.00
36	M	1,2-Dichloroethane	0.476	0.479	-0.6	93	0.00
37	M	Trichloroethene	0.342	0.329	3.8	90	0.00
38		Methylcyclohexane	0.546	0.482	11.7	86	0.00
39	M	1,2-Dichloropropane	0.406	0.413	-1.7	94	0.00
40		Dibromomethane	0.236	0.246	-4.2	97	0.00
41	M	Bromodichloromethane	0.523	0.514	1.7	93	0.00
42	M	Vinyl Acetate	0.769	0.732	4.8	94	0.00
43		Ethyl Acetate	0.388	0.410	-5.7	98	0.00
44		Isopropyl Acetate	0.651	0.664	-2.0	97	0.00
45	T	1,4-Dioxane	0.006	0.004#	33.3#	62	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.320	0.313	2.2	94	0.00
47		n-amyl Acetate	0.578	0.578	0.0	102	0.00
48	M	t-1,3-Dichloropropene	0.552	0.519	6.0	90	0.00
49	T	cis-1,3-Dichloropropene	0.601	0.571	5.0	89	0.00
50	M	1,1,2-Trichloroethane	0.364	0.374	-2.7	96	0.00
51		Ethyl methacrylate	0.495	0.478	3.4	95	0.00
52		1,3-Dichloropropane	0.601	0.611	-1.7	94	0.00
53	M	Dibromochloromethane	0.399	0.401	-0.5	94	0.00
54	M	1,2-Dibromoethane	0.349	0.356	-2.0	95	0.00
55	M	2-Chloroethyl vinyl ether	0.102	0.117	-14.7	127	0.00
56	M	Bromoform	0.292	0.292	0.0	99	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	0.432	0.459	-6.3	100	0.00
59	M	2-Hexanone	0.308	0.318	-3.2	100	0.00
60	S	4-Bromofluorobenzene	0.474	0.481	-1.5	93	0.00
61	M	Tetrachloroethene	0.329	0.323	1.8	92	0.00
62	M	Toluene	1.590	1.542	3.0	93	0.00
63	S	Toluene-d8	1.377	1.393	-1.2	89	0.00
64	M	Chlorobenzene	0.984	0.963	2.1	94	0.00
65		1,1,1,2-Tetrachloroethane	0.390	0.391	-0.3	96	0.00
66	M	Ethyl Benzene	1.733	1.614	6.9	93	0.00
67	M	m/p-Xylenes	0.649	0.628	3.2	95	0.00
68	M	o-Xylene	0.624	0.599	4.0	96	0.00
69	M	Styrene	1.090	1.059	2.8	97	0.00
70		Isopropylbenzene	1.697	1.629	4.0	95	0.00
71	M	1,1,2,2-Tetrachloroethane	0.544	0.568	-4.4	98	0.00
72		1,2,3-Trichloropropane	0.483	0.492	-1.9	96	0.00
73		Bromobenzene	0.458	0.450	1.7	97	0.00
74		n-propylbenzene	2.035	1.931	5.1	95	0.00
75		2-Chlorotoluene	1.213	1.195	1.5	97	0.00
76		1,3,5-Trimethylbenzene	1.448	1.395	3.7	95	0.00
77		t-1,4-Dichloro-2-butene	0.171	0.168	1.8	101	0.00
78		4-Chlorotoluene	1.251	1.207	3.5	96	0.00
79		tert-butylbenzene	1.218	1.184	2.8	99	0.00
80		1,2,4-Trimethylbenzene	1.409	1.325	6.0	94	0.00
81		sec-Butylbenzene	1.678	1.594	5.0	96	0.00
82		p-Isopropyltoluene	1.488	1.344	9.7	93	0.00
83	M	1,3-Dichlorobenzene	0.799	0.780	2.4	97	0.00
84	M	1,4-Dichlorobenzene	0.781	0.740	5.2	96	0.00
85		n-Butylbenzene	1.236	1.037	16.1	93	0.00
86	T	Hexachloroethane	0.293	0.282	3.8	97	0.00
87	M	1,2-Dichlorobenzene	0.765	0.775	-1.3	99	0.00
88		1,2-Dibromo-3-Chloropropane	0.086	0.088	-2.3	101	0.00
89		1,2,4-Trichlorobenzene	0.378	0.296	21.7	90	0.00
90		Hexachlorobutadiene	0.279	0.248	11.1	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.834	0.615	26.3	89	0.00
92	1,2,3-Trichlorobenzene	0.377	0.288	23.6	84	0.00

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