Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082319\
Data File : VN057473.D
Acq On : 23 Aug 2019 14:40
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 24 00:03:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 23 23:15:31 2019
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	100	0.00
2	M	Dichlorodifluoromethane	1.569	1.658	-5.7	103	0.00
3	M	Chloromethane	2.357	2.520	-6.9	105	0.00
4	M	Vinyl Chloride	2.994	3.150	-5.2	99	0.00
5	M	Bromomethane	1.937	2.057	-6.2	102	0.00
6	M	Chloroethane	2.005	2.075	-3.5	100	0.00
7	M	Trichlorofluoromethane	4.762	5.020	-5.4	102	0.00
8	T	Diethyl Ether	1.829	1.890	-3.3	100	0.00
9		1,1,2-Trichlorotrifluoroeth	2.682	2.777	-3.5	99	0.00
10	M	1,1-Dichloroethene	2.589	2.700	-4.3	103	0.00
11		Methyl Iodide	2.328	2.028	12.9	101	0.00
12		Methyl Acetate	2.609	2.613	-0.2	104	0.00
13	M	Acrolein	0.332	0.318	4.2	93	0.00
14	M	Acrylonitrile	0.906	0.957	-5.6	105	0.00
15	M	Acetone	0.424	0.379	10.6	78	0.00
16	M	Carbon Disulfide	4.612	4.632	-0.4	101	0.00
17		Allyl chloride	3.533	3.631	-2.8	103	0.00
18	M	Methylene Chloride	1.899	1.984	-4.5	104	0.00
19	M	trans-1,2-Dichloroethene	1.788	1.752	2.0	100	0.00
20	T	Diisopropyl ether	7.542	7.842	-4.0	102	0.00
21	M	1,1-Dichloroethane	3.919	4.044	-3.2	101	0.00
22	M	cis-1,2-Dichloroethene	2.175	2.170	0.2	99	0.00
23	M	tert-Butyl Alcohol	0.329	0.336	-2.1	103	0.00
24	M	Methyl tert-Butyl Ether	5.983	6.184	-3.4	102	0.00
25	M	Chloroform	3.891	3.956	-1.7	102	0.00
26		Cyclohexane	3.490	3.425	1.9	98	0.00
27	s	1,2-Dichloroethane-d4	2.892	2.893	-0.0	98	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29		1,1-Dichloropropene	0.510	0.518	-1.6	101	0.00
30	M	2-Butanone	0.245	0.247	-0.8	97	0.00
31		2,2-Dichloropropane	0.583	0.568	2.6	96	0.00
32	M	1,1,1-Trichloroethane	0.583	0.604	-3.6	103	0.00
33	M	Carbon Tetrachloride	0.484	0.487	-0.6	101	0.00
34	M	Benzene	1.499	1.515	-1.1	99	0.00
35		Methacrylonitrile	0.248	0.264	-6.5	100	0.00
36	M	1,2-Dichloroethane	0.588	0.622	-5.8	106	0.00
37	M	Trichloroethene	0.342	0.344	-0.6	98	0.00
38		Methylcyclohexane	0.572	0.560	2.1	99	0.00
39	M	1,2-Dichloropropane	0.426	0.436	-2.3	101	0.00
40		Dibromomethane	0.261	0.265	-1.5	101	0.00
41	M	Bromodichloromethane	0.553	0.544	1.6	101	0.00
42	M	Vinyl Acetate	1.097	1.114	-1.5	101	0.00
43		Ethyl Acetate	0.477	0.540	-13.2	112	0.00
44		Isopropyl Acetate	0.911	0.929	-2.0	101	0.00
45	T	1,4-Dioxane	0.005	0.006#	-20.0	107	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.433	0.430	0.7	100	0.00
47		n-amyl Acetate	0.733	0.722	1.5	105	0.00
48	M	t-1,3-Dichloropropene	0.584	0.557	4.6	100	0.00
49	T	cis-1,3-Dichloropropene	0.642	0.620	3.4	98	0.00
50	M	1,1,2-Trichloroethane	0.342	0.347	-1.5	101	0.00
51		Ethyl methacrylate	0.568	0.583	-2.6	106	0.00
52		1,3-Dichloropropane	0.623	0.631	-1.3	100	0.00
53	M	Dibromochloromethane	0.364	0.360	1.1	100	0.00
54	M	1,2-Dibromoethane	0.350	0.348	0.6	103	0.00
55	M	2-Chloroethyl vinyl ether	0.140	0.248	-77.1#	209#	0.00
56	M	Bromoform	0.217	0.209	3.7	104	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	0.589	0.631	-7.1	104	0.00
59	M	2-Hexanone	0.408	0.432	-5.9	103	0.00
60	S	4-Bromofluorobenzene	0.495	0.476	3.8	101	0.00
61	M	Tetrachloroethene	0.344	0.364	-5.8	103	0.00
62	M	Toluene	1.834	1.884	-2.7	101	0.00
63	S	Toluene-d8	1.515	1.533	-1.2	98	0.00
64	M	Chlorobenzene	0.997	1.018	-2.1	103	0.00
65		1,1,1,2-Tetrachloroethane	0.379	0.396	-4.5	105	0.00
66	M	Ethyl Benzene	1.962	1.972	-0.5	101	0.00
67	M	m/p-Xylenes	0.681	0.687	-0.9	102	0.00
68	M	o-Xylene	0.673	0.693	-3.0	102	0.00
69	M	Styrene	1.074	1.073	0.1	105	0.00
70		Isopropylbenzene	1.799	1.820	-1.2	102	0.00
71	M	1,1,2,2-Tetrachloroethane	0.520	0.543	-4.4	106	0.00
72		1,2,3-Trichloropropane	0.472	0.509	-7.8	110	0.00
73		Bromobenzene	0.364	0.370	-1.6	106	0.00
74		n-propylbenzene	2.052	1.961	4.4	101	0.00
75		2-Chlorotoluene	1.208	1.193	1.2	101	0.00
76		1,3,5-Trimethylbenzene	1.477	1.476	0.1	102	0.00
77		t-1,4-Dichloro-2-butene	0.169	0.166	1.8	103	0.00
78		4-Chlorotoluene	1.142	1.081	5.3	104	0.00
79		tert-butylbenzene	1.257	1.234	1.8	100	0.00
80		1,2,4-Trimethylbenzene	1.377	1.366	0.8	101	0.00
81		sec-Butylbenzene	1.656	1.609	2.8	101	0.00
82		p-Isopropyltoluene	1.392	1.321	5.1	102	0.00
83	M	1,3-Dichlorobenzene	0.567	0.551	2.8	107	0.00
84	M	1,4-Dichlorobenzene	0.552	0.511	7.4	106	0.00
85		n-Butylbenzene	1.214	1.135	6.5	107	0.00
86	T	Hexachloroethane	0.281	0.278	1.1	102	0.00
87	M	1,2-Dichlorobenzene	0.557	0.550	1.3	105	0.00
88		1,2-Dibromo-3-Chloropropane	0.087	0.088	-1.1	113	0.00
89		1,2,4-Trichlorobenzene	0.209	0.157	24.9	120	0.00
90		Hexachlorobutadiene	0.160	0.166	-3.8	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.675	0.511	24.3	107	0.00
92	1,2,3-Trichlorobenzene	0.209	0.174	16.7	119	0.00

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