Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102319\
Data File : VN058906.D
Acq On : 22 Oct 2019 14:11
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Oct 23 01:36:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 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	71	0.00
2	M	Dichlorodifluoromethane	1.625	1.834	-12.9	76	0.00
3	M	Chloromethane	2.171	2.356	-8.5	75	0.00
4	M	Vinyl Chloride	2.244	2.330	-3.8	70	0.00
5	M	Bromomethane	1.386	1.498	-8.1	72	0.00
6	M	Chloroethane	1.411	1.551	-9.9	75	0.00
7	M	Trichlorofluoromethane	2.762	3.139	-13.6	78	0.00
8	T	Diethyl Ether	1.053	1.087	-3.2	70	0.00
9		1,1,2-Trichlorotrifluoroeth	1.598	1.772	-10.9	77	0.00
10	M	1,1-Dichloroethene	1.570	1.611	-2.6	70	0.00
11		Methyl Iodide	2.186	2.189	-0.1	71	0.00
12		Methyl Acetate	2.511	2.486	1.0	70	0.00
13	M	Acrolein	0.277	0.277	0.0	73	0.00
14	M	Acrylonitrile	0.990	1.004	-1.4	73	0.00
15	M	Acetone	0.294	0.482	-63.9#	119	0.00
16	M	Carbon Disulfide	4.578	4.812	-5.1	72	0.00
17		Allyl chloride	3.124	3.094	1.0	68	0.00
18	M	Methylene Chloride	1.901	2.047	-7.7	74	0.00
19	M	trans-1,2-Dichloroethene	1.709	1.797	-5.1	72	0.00
20	T	Diisopropyl ether	6.365	6.695	-5.2	73	0.00
21	M	1,1-Dichloroethane	3.525	3.825	-8.5	75	0.00
22	M	cis-1,2-Dichloroethene	2.037	2.064	-1.3	70	0.00
23	M	tert-Butyl Alcohol	0.405	0.363	10.4	64	0.00
24	M	Methyl tert-Butyl Ether	5.856	5.705	2.6	67	0.00
25	M	Chloroform	3.515	3.783	-7.6	74	0.00
26		Cyclohexane	3.094	2.974	3.9	68	0.00
27	s	1,2-Dichloroethane-d4	2.546	2.719	-6.8	75	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	68	0.00
29		1,1-Dichloropropene	0.472	0.511	-8.3	72	0.00
30	M	2-Butanone	0.267	0.320	-19.9	82	0.00
31		2,2-Dichloropropane	0.557	0.621	-11.5	76	0.00
32	M	1,1,1-Trichloroethane	0.546	0.593	-8.6	71	0.00
33	M	Carbon Tetrachloride	0.473	0.525	-11.0	73	0.00
34	M	Benzene	1.390	1.517	-9.1	72	0.00
35		Methacrylonitrile	0.236	0.223	5.5	63	0.00
36	M	1,2-Dichloroethane	0.532	0.601	-13.0	74	0.00
37	M	Trichloroethene	0.342	0.364	-6.4	70	0.00
38		Methylcyclohexane	0.548	0.529	3.5	65	0.00
39	M	1,2-Dichloropropane	0.380	0.418	-10.0	71	0.00
40		Dibromomethane	0.240	0.269	-12.1	73	0.00
41	M	Bromodichloromethane	0.490	0.552	-12.7	74	0.00
42	M	Vinyl Acetate	0.935	1.017	-8.8	69	0.00
43		Ethyl Acetate	0.524	0.545	-4.0	68	0.00
44		Isopropyl Acetate	0.848	0.848	0.0	67	0.00
45	T	1,4-Dioxane	0.007	0.006#	14.3	67	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.390	0.389	0.3	68	0.00
47		n-amyl Acetate	0.752	0.694	7.7	63	0.00
48	M	t-1,3-Dichloropropene	0.568	0.593	-4.4	70	0.00
49	T	cis-1,3-Dichloropropene	0.597	0.639	-7.0	71	0.00
50	M	1,1,2-Trichloroethane	0.342	0.381	-11.4	73	0.00
51		Ethyl methacrylate	0.548	0.512	6.6	64	0.00
52		1,3-Dichloropropane	0.610	0.653	-7.0	71	0.00
53	M	Dibromochloromethane	0.367	0.402	-9.5	73	0.00
54	M	1,2-Dibromoethane	0.355	0.378	-6.5	71	0.00
55	M	2-Chloroethyl vinyl ether	0.272	0.255	6.3	59	0.00
56	M	Bromoform	0.256	0.272	-6.3	73	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
58	M	4-Methyl-2-Pentanone	0.547	0.577	-5.5	69	0.00
59	M	2-Hexanone	0.429	0.469	-9.3	75	0.00
60	S	4-Bromofluorobenzene	0.525	0.512	2.5	69	0.00
61	M	Tetrachloroethene	0.324	0.353	-9.0	73	0.00
62	M	Toluene	1.614	1.711	-6.0	72	0.00
63	S	Toluene-d8	1.416	1.477	-4.3	72	0.00
64	M	Chlorobenzene	0.987	1.019	-3.2	70	0.00
65		1,1,1,2-Tetrachloroethane	0.370	0.389	-5.1	72	0.00
66	M	Ethyl Benzene	1.787	1.806	-1.1	68	0.00
67	M	m/p-Xylenes	0.668	0.679	-1.6	69	0.00
68	M	o-Xylene	0.647	0.634	2.0	67	0.00
69	M	Styrene	1.069	1.024	4.2	67	0.00
70		Isopropylbenzene	1.747	1.729	1.0	67	0.00
71	M	1,1,2,2-Tetrachloroethane	0.588	0.607	-3.2	71	0.00
72		1,2,3-Trichloropropane	0.533	0.616	-15.6	79	0.00
73		Bromobenzene	0.424	0.429	-1.2	70	0.00
74		n-propylbenzene	2.045	2.109	-3.1	69	0.00
75		2-Chlorotoluene	1.231	1.269	-3.1	71	0.00
76		1,3,5-Trimethylbenzene	1.497	1.512	-1.0	69	0.00
77		t-1,4-Dichloro-2-butene	0.203	0.195	3.9	69	0.00
78		4-Chlorotoluene	1.268	1.293	-2.0	71	0.00
79		tert-butylbenzene	1.279	1.261	1.4	68	0.00
80		1,2,4-Trimethylbenzene	1.487	1.507	-1.3	69	0.00
81		sec-Butylbenzene	1.721	1.713	0.5	68	0.00
82		p-Isopropyltoluene	1.545	1.525	1.3	68	0.00
83	M	1,3-Dichlorobenzene	0.768	0.774	-0.8	70	0.00
84	M	1,4-Dichlorobenzene	0.767	0.749	2.3	68	0.00
85		n-Butylbenzene	1.415	1.306	7.7	65	0.00
86	T	Hexachloroethane	0.281	0.298	-6.0	74	0.00
87	M	1,2-Dichlorobenzene	0.758	0.771	-1.7	71	0.00
88		1,2-Dibromo-3-Chloropropane	0.131	0.126	3.8	66	0.00
89		1,2,4-Trichlorobenzene	0.479	0.398	16.9	59	0.00
90		Hexachlorobutadiene	0.247	0.238	3.6	68	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.413	1.040	26.4	52	0.00
92	1,2,3-Trichlorobenzene	0.466	0.400	14.2	60	0.00

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