Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102319\
Data File : VN058913.D
Acq On : 22 Oct 2019 16:52
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Oct 23 04:45:43 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	77	0.00
2	M	Dichlorodifluoromethane	1.625	1.687	-3.8	76	0.00
3	M	Chloromethane	2.171	2.311	-6.4	79	0.00
4	M	Vinyl Chloride	2.244	2.412	-7.5	79	0.00
5	M	Bromomethane	1.386	1.518	-9.5	79	0.00
6	M	Chloroethane	1.411	1.555	-10.2	82	0.00
7	M	Trichlorofluoromethane	2.762	3.025	-9.5	81	0.00
8	T	Diethyl Ether	1.053	1.073	-1.9	75	0.00
9		1,1,2-Trichlorotrifluoroeth	1.598	1.657	-3.7	78	0.00
10	M	1,1-Dichloroethene	1.570	1.597	-1.7	76	0.00
11		Methyl Iodide	2.186	2.205	-0.9	77	0.00
12		Methyl Acetate	2.511	2.563	-2.1	78	0.00
13	M	Acrolein	0.277	0.292	-5.4	84	0.00
14	M	Acrylonitrile	0.990	1.014	-2.4	80	0.00
15	M	Acetone	0.294	0.323	-9.9	86	0.00
16	M	Carbon Disulfide	4.578	4.649	-1.6	76	0.00
17		Allyl chloride	3.124	3.200	-2.4	77	0.00
18	M	Methylene Chloride	1.901	1.954	-2.8	77	0.00
19	M	trans-1,2-Dichloroethene	1.709	1.772	-3.7	77	0.00
20	T	Diisopropyl ether	6.365	6.749	-6.0	80	0.00
21	M	1,1-Dichloroethane	3.525	3.779	-7.2	80	0.00
22	M	cis-1,2-Dichloroethene	2.037	2.055	-0.9	75	0.00
23	M	tert-Butyl Alcohol	0.405	0.353	12.8	68	0.00
24	M	Methyl tert-Butyl Ether	5.856	5.848	0.1	75	0.00
25	M	Chloroform	3.515	3.648	-3.8	77	0.00
26		Cyclohexane	3.094	3.055	1.3	75	0.00
27	s	1,2-Dichloroethane-d4	2.546	2.619	-2.9	78	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
29		1,1-Dichloropropene	0.472	0.495	-4.9	76	0.00
30	M	2-Butanone	0.267	0.271	-1.5	76	0.00
31		2,2-Dichloropropane	0.557	0.614	-10.2	83	0.00
32	M	1,1,1-Trichloroethane	0.546	0.587	-7.5	77	0.00
33	M	Carbon Tetrachloride	0.473	0.502	-6.1	76	0.00
34	M	Benzene	1.390	1.475	-6.1	77	0.00
35		Methacrylonitrile	0.236	0.205	13.1	63	-0.01
36	M	1,2-Dichloroethane	0.532	0.579	-8.8	78	0.00
37	M	Trichloroethene	0.342	0.355	-3.8	75	0.00
38		Methylcyclohexane	0.548	0.526	4.0	71	0.00
39	M	1,2-Dichloropropane	0.380	0.414	-8.9	78	0.00
40		Dibromomethane	0.240	0.256	-6.7	77	0.00
41	M	Bromodichloromethane	0.490	0.527	-7.6	78	0.00
42	M	Vinyl Acetate	0.935	1.025	-9.6	77	0.00
43		Ethyl Acetate	0.524	0.520	0.8	72	0.00
44		Isopropyl Acetate	0.848	0.853	-0.6	74	0.00
45	T	1,4-Dioxane	0.007	0.006#	14.3	71	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.390	0.383	1.8	74	0.00
47		n-amyl Acetate	0.752	0.688	8.5	69	0.00
48	M	t-1,3-Dichloropropene	0.568	0.581	-2.3	75	0.00
49	T	cis-1,3-Dichloropropene	0.597	0.632	-5.9	77	0.00
50	M	1,1,2-Trichloroethane	0.342	0.362	-5.8	76	0.00
51		Ethyl methacrylate	0.548	0.526	4.0	72	0.00
52		1,3-Dichloropropane	0.610	0.643	-5.4	76	0.00
53	M	Dibromochloromethane	0.367	0.388	-5.7	78	0.00
54	M	1,2-Dibromoethane	0.355	0.371	-4.5	77	0.00
55	M	2-Chloroethyl vinyl ether	0.272	0.252	7.4	64	0.00
56	M	Bromoform	0.256	0.268	-4.7	79	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
58	M	4-Methyl-2-Pentanone	0.547	0.576	-5.3	75	0.00
59	M	2-Hexanone	0.429	0.426	0.7	73	0.00
60	S	4-Bromofluorobenzene	0.525	0.505	3.8	73	0.00
61	M	Tetrachloroethene	0.324	0.337	-4.0	75	0.00
62	M	Toluene	1.614	1.693	-4.9	77	0.00
63	S	Toluene-d8	1.416	1.442	-1.8	76	0.00
64	M	Chlorobenzene	0.987	1.012	-2.5	75	0.00
65		1,1,1,2-Tetrachloroethane	0.370	0.378	-2.2	76	0.00
66	M	Ethyl Benzene	1.787	1.800	-0.7	74	0.00
67	M	m/p-Xylenes	0.668	0.662	0.9	73	0.00
68	M	o-Xylene	0.647	0.639	1.2	73	0.00
69	M	Styrene	1.069	1.020	4.6	72	0.00
70		Isopropylbenzene	1.747	1.722	1.4	72	0.00
71	M	1,1,2,2-Tetrachloroethane	0.588	0.594	-1.0	75	0.00
72		1,2,3-Trichloropropane	0.533	0.564	-5.8	78	0.00
73		Bromobenzene	0.424	0.419	1.2	74	0.00
74		n-propylbenzene	2.045	2.070	-1.2	73	0.00
75		2-Chlorotoluene	1.231	1.230	0.1	74	0.00
76		1,3,5-Trimethylbenzene	1.497	1.484	0.9	73	0.00
77		t-1,4-Dichloro-2-butene	0.203	0.192	5.4	73	0.00
78		4-Chlorotoluene	1.268	1.259	0.7	74	0.00
79		tert-butylbenzene	1.279	1.250	2.3	72	0.00
80		1,2,4-Trimethylbenzene	1.487	1.471	1.1	73	0.00
81		sec-Butylbenzene	1.721	1.692	1.7	72	0.00
82		p-Isopropyltoluene	1.545	1.479	4.3	71	0.00
83	M	1,3-Dichlorobenzene	0.768	0.746	2.9	73	0.00
84	M	1,4-Dichlorobenzene	0.767	0.711	7.3	70	0.00
85		n-Butylbenzene	1.415	1.280	9.5	69	0.00
86	T	Hexachloroethane	0.281	0.281	0.0	76	0.00
87	M	1,2-Dichlorobenzene	0.758	0.750	1.1	75	0.00
88		1,2-Dibromo-3-Chloropropane	0.131	0.123	6.1	70	0.00
89		1,2,4-Trichlorobenzene	0.479	0.394	17.7	63	0.00
90		Hexachlorobutadiene	0.247	0.234	5.3	72	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.413	1.138	19.5	61	0.00
92	1,2,3-Trichlorobenzene	0.466	0.415	10.9	68	0.00

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