Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102519\
Data File : VN058970.D
Acq On : 24 Oct 2019 18:30
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Oct 25 03:14:18 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	1.639	-0.9	74	0.00
3	M	Chloromethane	2.171	2.119	2.4	73	0.00
4	M	Vinyl Chloride	2.244	2.264	-0.9	74	0.00
5	M	Bromomethane	1.386	1.245	10.2	65	0.00
6	M	Chloroethane	1.411	1.528	-8.3	81	0.00
7	M	Trichlorofluoromethane	2.762	3.077	-11.4	83	0.00
8	T	Diethyl Ether	1.053	1.036	1.6	73	0.00
9		1,1,2-Trichlorotrifluoroeth	1.598	1.687	-5.6	79	0.00
10	M	1,1-Dichloroethene	1.570	1.547	1.5	73	0.00
11		Methyl Iodide	2.186	1.359	37.8#	48	0.00
12		Methyl Acetate	2.511	2.802	-11.6	86	0.00
13	M	Acrolein	0.277	0.197	28.9	57	0.00
14	M	Acrylonitrile	0.990	1.030	-4.0	81	0.00
15	M	Acetone	0.294	0.299	-1.7	80	0.00
16	M	Carbon Disulfide	4.578	4.571	0.2	75	0.00
17		Allyl chloride	3.124	3.169	-1.4	76	0.00
18	M	Methylene Chloride	1.901	1.996	-5.0	79	0.00
19	M	trans-1,2-Dichloroethene	1.709	1.741	-1.9	76	0.00
20	T	Diisopropyl ether	6.365	6.673	-4.8	79	0.00
21	M	1,1-Dichloroethane	3.525	3.703	-5.0	79	0.00
22	M	cis-1,2-Dichloroethene	2.037	2.001	1.8	73	0.00
23	M	tert-Butyl Alcohol	0.405	0.400	1.2	77	0.00
24	M	Methyl tert-Butyl Ether	5.856	5.708	2.5	73	0.00
25	M	Chloroform	3.515	3.648	-3.8	78	0.00
26		Cyclohexane	3.094	2.987	3.5	74	0.00
27	s	1,2-Dichloroethane-d4	2.546	2.742	-7.7	82	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
29		1,1-Dichloropropene	0.472	0.463	1.9	75	0.00
30	M	2-Butanone	0.267	0.263	1.5	78	0.00
31		2,2-Dichloropropane	0.557	0.544	2.3	77	0.00
32	M	1,1,1-Trichloroethane	0.546	0.553	-1.3	76	0.00
33	M	Carbon Tetrachloride	0.473	0.481	-1.7	77	0.00
34	M	Benzene	1.390	1.380	0.7	75	0.00
35		Methacrylonitrile	0.236	0.225	4.7	73	0.00
36	M	1,2-Dichloroethane	0.532	0.543	-2.1	77	0.00
37	M	Trichloroethene	0.342	0.331	3.2	74	0.00
38		Methylcyclohexane	0.548	0.486	11.3	69	0.00
39	M	1,2-Dichloropropane	0.380	0.388	-2.1	76	0.00
40		Dibromomethane	0.240	0.242	-0.8	76	0.00
41	M	Bromodichloromethane	0.490	0.499	-1.8	77	0.00
42	M	Vinyl Acetate	0.935	0.973	-4.1	76	0.00
43		Ethyl Acetate	0.524	0.538	-2.7	78	0.00
44		Isopropyl Acetate	0.848	0.841	0.8	77	0.00
45	T	1,4-Dioxane	0.007	0.006#	14.3	74	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.390	0.368	5.6	74	0.00
47		n-amyl Acetate	0.752	0.689	8.4	73	0.00
48	M	t-1,3-Dichloropropene	0.568	0.543	4.4	74	0.00
49	T	cis-1,3-Dichloropropene	0.597	0.577	3.4	74	0.00
50	M	1,1,2-Trichloroethane	0.342	0.351	-2.6	78	0.00
51		Ethyl methacrylate	0.548	0.502	8.4	72	0.00
52		1,3-Dichloropropane	0.610	0.597	2.1	74	0.00
53	M	Dibromochloromethane	0.367	0.361	1.6	76	0.00
54	M	1,2-Dibromoethane	0.355	0.348	2.0	75	0.00
55	M	2-Chloroethyl vinyl ether	0.272	0.237	12.9	64	0.00
56	M	Bromoform	0.256	0.256	0.0	80	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
58	M	4-Methyl-2-Pentanone	0.547	0.576	-5.3	78	0.00
59	M	2-Hexanone	0.429	0.423	1.4	76	0.00
60	S	4-Bromofluorobenzene	0.525	0.506	3.6	77	0.00
61	M	Tetrachloroethene	0.324	0.316	2.5	74	0.00
62	M	Toluene	1.614	1.582	2.0	75	0.00
63	S	Toluene-d8	1.416	1.442	-1.8	80	0.00
64	M	Chlorobenzene	0.987	0.948	4.0	74	0.00
65		1,1,1,2-Tetrachloroethane	0.370	0.368	0.5	77	0.00
66	M	Ethyl Benzene	1.787	1.691	5.4	73	0.00
67	M	m/p-Xylenes	0.668	0.624	6.6	72	0.00
68	M	o-Xylene	0.647	0.598	7.6	72	0.00
69	M	Styrene	1.069	0.952	10.9	71	0.00
70		Isopropylbenzene	1.747	1.625	7.0	72	0.00
71	M	1,1,2,2-Tetrachloroethane	0.588	0.585	0.5	77	0.00
72		1,2,3-Trichloropropane	0.533	0.551	-3.4	80	0.00
73		Bromobenzene	0.424	0.389	8.3	72	0.00
74		n-propylbenzene	2.045	1.937	5.3	72	0.00
75		2-Chlorotoluene	1.231	1.167	5.2	74	0.00
76		1,3,5-Trimethylbenzene	1.497	1.401	6.4	73	0.00
77		t-1,4-Dichloro-2-butene	0.203	0.189	6.9	75	0.00
78		4-Chlorotoluene	1.268	1.173	7.5	73	0.00
79		tert-butylbenzene	1.279	1.169	8.6	71	0.00
80		1,2,4-Trimethylbenzene	1.487	1.397	6.1	73	0.00
81		sec-Butylbenzene	1.721	1.582	8.1	71	0.00
82		p-Isopropyltoluene	1.545	1.385	10.4	70	0.00
83	M	1,3-Dichlorobenzene	0.768	0.691	10.0	71	0.00
84	M	1,4-Dichlorobenzene	0.767	0.677	11.7	69	0.00
85		n-Butylbenzene	1.415	1.211	14.4	69	0.00
86	T	Hexachloroethane	0.281	0.277	1.4	78	0.00
87	M	1,2-Dichlorobenzene	0.758	0.696	8.2	73	0.00
88		1,2-Dibromo-3-Chloropropane	0.131	0.123	6.1	73	0.00
89		1,2,4-Trichlorobenzene	0.479	0.369	23.0	62	0.00
90		Hexachlorobutadiene	0.247	0.217	12.1	70	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.413	1.044	26.1	59	0.00
92	1,2,3-Trichlorobenzene	0.466	0.381	18.2	65	0.00

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