Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041919\
Data File : VN055143.D
Acq On : 19 Apr 2019 15:39
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Apr 20 04:22:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:55:25 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	104	0.00
2	M	Dichlorodifluoromethane	1.764	1.634	7.4	93	0.00
3	M	Chloromethane	2.384	2.206	7.5	97	0.00
4	M	Vinyl Chloride	2.061	1.851	10.2	94	0.00
5	M	Bromomethane	1.192	1.020	14.4	91	0.00
6	M	Chloroethane	1.154	1.028	10.9	93	0.00
7	M	Trichlorofluoromethane	2.634	2.781	-5.6	108	0.00
8	T	Diethyl Ether	0.846	1.103	-30.4#	137	0.00
9		1,1,2-Trichlorotrifluoroeth	1.440	1.722	-19.6	122	0.00
10	M	1,1-Dichloroethene	1.331	1.617	-21.5	126	0.00
11		Methyl Iodide	2.014	2.401	-19.2	128	0.01
12		Methyl Acetate	1.637	2.237	-36.7#	147	0.00
13	M	Acrolein	0.143	0.136	4.9	103	0.00
14	M	Acrylonitrile	0.671	0.812	-21.0	132	0.00
15	M	Acetone	0.166	0.191	-15.1	104	0.00
16	M	Carbon Disulfide	4.465	4.163	6.8	104	0.02
17		Allyl chloride	3.278	3.402	-3.8	111	0.01
18	M	Methylene Chloride	1.968	1.995	-1.4	108	0.00
19	M	trans-1,2-Dichloroethene	1.733	1.738	-0.3	106	0.00
20	T	Diisopropyl ether	6.641	6.981	-5.1	113	0.00
21	M	1,1-Dichloroethane	3.547	3.645	-2.8	108	0.00
22	M	cis-1,2-Dichloroethene	2.014	2.042	-1.4	108	0.00
23	M	tert-Butyl Alcohol	0.107	0.164	-53.3#	175#	-0.02
24	M	Methyl tert-Butyl Ether	4.470	5.092	-13.9	123	0.00
25	M	Chloroform	3.398	3.585	-5.5	111	0.00
26		Cyclohexane	3.291	3.095	6.0	101	0.00
27	s	1,2-Dichloroethane-d4	2.287	2.336	-2.1	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29		1,1-Dichloropropene	0.467	0.476	-1.9	104	0.00
30	M	2-Butanone	0.155	0.191	-23.2	122	0.00
31		2,2-Dichloropropane	0.430	0.417	3.0	101	0.00
32	M	1,1,1-Trichloroethane	0.494	0.522	-5.7	109	0.00
33	M	Carbon Tetrachloride	0.428	0.436	-1.9	107	0.00
34	M	Benzene	1.385	1.437	-3.8	107	0.00
35		Methacrylonitrile	0.183	0.172	6.0	95	0.00
36	M	1,2-Dichloroethane	0.473	0.506	-7.0	109	0.00
37	M	Trichloroethene	0.353	0.359	-1.7	103	0.00
38		Methylcyclohexane	0.542	0.481	11.3	91	0.00
39	M	1,2-Dichloropropane	0.382	0.415	-8.6	112	0.00
40		Dibromomethane	0.216	0.238	-10.2	112	0.00
41	M	Bromodichloromethane	0.446	0.466	-4.5	110	0.00
42	M	Vinyl Acetate	0.784	0.899	-14.7	124	0.00
43		Ethyl Acetate	0.316	0.411	-30.1#	136	0.00
44		Isopropyl Acetate	0.535	0.696	-30.1#	144	0.00
45	T	1,4-Dioxane	0.003	0.004#	-33.3#	135	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.277	0.339	-22.4	137	0.00
47		n-amyl Acetate	0.394	0.463	-17.5	133	0.00
48	M	t-1,3-Dichloropropene	0.410	0.431	-5.1	122	0.00
49	T	cis-1,3-Dichloropropene	0.506	0.525	-3.8	113	0.00
50	M	1,1,2-Trichloroethane	0.293	0.326	-11.3	115	0.00
51		Ethyl methacrylate	0.350	0.399	-14.0	130	0.00
52		1,3-Dichloropropane	0.514	0.572	-11.3	115	0.00
53	M	Dibromochloromethane	0.302	0.315	-4.3	114	0.00
54	M	1,2-Dibromoethane	0.276	0.309	-12.0	122	0.00
55	M	2-Chloroethyl vinyl ether	0.146	0.151	-3.4	110	0.00
56	M	Bromoform	0.190	0.205	-7.9	125	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58	M	4-Methyl-2-Pentanone	0.346	0.469	-35.5#	140	0.00
59	M	2-Hexanone	0.220	0.293	-33.2#	132	0.00
60	S	4-Bromofluorobenzene	0.467	0.450	3.6	96	0.00
61	M	Tetrachloroethene	0.390	0.398	-2.1	98	0.00
62	M	Toluene	1.653	1.738	-5.1	104	0.00
63	S	Toluene-d8	1.426	1.449	-1.6	97	0.00
64	M	Chlorobenzene	0.998	1.010	-1.2	100	0.00
65		1,1,1,2-Tetrachloroethane	0.355	0.380	-7.0	110	0.00
66	M	Ethyl Benzene	1.772	1.786	-0.8	101	0.00
67	M	m/p-Xylenes	0.659	0.658	0.2	98	0.00
68	M	o-Xylene	0.651	0.666	-2.3	101	0.00
69	M	Styrene	1.011	0.978	3.3	98	0.00
70		Isopropylbenzene	1.740	1.726	0.8	97	0.00
71	M	1,1,2,2-Tetrachloroethane	0.398	0.488	-22.6	122	0.00
72		1,2,3-Trichloropropane	0.329	0.432	-31.3#	128	0.00
73		Bromobenzene	0.411	0.404	1.7	98	0.00
74		n-propylbenzene	1.948	1.836	5.7	92	0.00
75		2-Chlorotoluene	1.175	1.170	0.4	97	0.00
76		1,3,5-Trimethylbenzene	1.407	1.361	3.3	94	0.00
77		t-1,4-Dichloro-2-butene	0.083	0.091	-9.6	131	0.00
78		4-Chlorotoluene	1.120	1.092	2.5	98	0.00
79		tert-butylbenzene	1.217	1.177	3.3	94	0.00
80		1,2,4-Trimethylbenzene	1.382	1.317	4.7	95	0.00
81		sec-Butylbenzene	1.627	1.516	6.8	90	0.00
82		p-Isopropyltoluene	1.373	1.211	11.8	86	0.00
83	M	1,3-Dichlorobenzene	0.688	0.650	5.5	96	0.00
84	M	1,4-Dichlorobenzene	0.654	0.593	9.3	93	0.00
85		n-Butylbenzene	1.094	0.841	23.1	80	0.00
86	T	Hexachloroethane	0.220	0.202	8.2	95	0.00
87	M	1,2-Dichlorobenzene	0.674	0.664	1.5	98	0.00
88		1,2-Dibromo-3-Chloropropane	0.053	0.062	-17.0	122	0.00
89		1,2,4-Trichlorobenzene	0.301	0.211	29.9	83	0.00
90		Hexachlorobutadiene	0.220	0.183	16.8	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.631	0.533	15.5	109	0.00
92	1,2,3-Trichlorobenzene	0.301	0.244	18.9	91	0.00

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