Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072718\
Data File : VN050124.D
Acq On : 27 Jul 2018 11:08
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jul 27 12:56:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 2018
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	109	0.00
2	M	Dichlorodifluoromethane	2.067	2.196	-6.2	103	0.00
3	M	Chloromethane	2.131	1.887	11.5	93	0.00
4	M	Vinyl Chloride	2.269	2.205	2.8	101	0.00
5	M	Bromomethane	1.383	0.771	44.3#	59	0.00
6	M	Chloroethane	1.342	1.292	3.7	101	0.00
7	M	Trichlorofluoromethane	2.965	3.029	-2.2	104	0.00
8	T	Diethyl Ether	0.995	1.030	-3.5	115	0.00
9		1,1,2-Trichlorotrifluoroeth	1.804	1.857	-2.9	105	0.00
10	M	1,1-Dichloroethene	1.599	1.653	-3.4	108	0.00
11		Methyl Iodide	2.354	0.702	70.2#	32	0.00
12		Methyl Acetate	1.832	1.935	-5.6	111	0.00
13	M	Acrolein	0.113	0.059	47.8#	64	0.00
14	M	Acrylonitrile	0.611	0.598	2.1	108	0.00
15	M	Acetone	0.162	0.175	-8.0	112	0.00
16	M	Carbon Disulfide	4.895	4.718	3.6	102	0.00
17		Allyl chloride	2.526	2.529	-0.1	110	0.00
18	M	Methylene Chloride	1.846	1.824	1.2	104	0.00
19	M	trans-1,2-Dichloroethene	1.712	1.742	-1.8	107	0.00
20	T	Diisopropyl ether	5.179	5.346	-3.2	108	0.00
21	M	1,1-Dichloroethane	3.257	3.240	0.5	105	0.00
22	M	cis-1,2-Dichloroethene	1.899	1.987	-4.6	112	0.00
23	M	tert-Butyl Alcohol	0.137	0.147	-7.3	120	0.00
24	M	Methyl tert-Butyl Ether	4.362	4.651	-6.6	115	0.00
25	M	Chloroform	3.297	3.283	0.4	104	0.00
26		Cyclohexane	2.588	2.741	-5.9	113	0.00
27	s	1,2-Dichloroethane-d4	2.039	2.050	-0.5	108	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	119	0.00
29		1,1-Dichloropropene	0.466	0.435	6.7	106	0.00
30	M	2-Butanone	0.146	0.134	8.2	111	0.00
31		2,2-Dichloropropane	0.515	0.495	3.9	111	0.00
32	M	1,1,1-Trichloroethane	0.548	0.507	7.5	107	0.00
33	M	Carbon Tetrachloride	0.489	0.447	8.6	107	0.00
34	M	Benzene	1.414	1.302	7.9	106	0.00
35		Methacrylonitrile	0.166	0.150	9.6	114	0.00
36	M	1,2-Dichloroethane	0.464	0.424	8.6	106	0.00
37	M	Trichloroethene	0.371	0.358	3.5	112	0.00
38		Methylcyclohexane	0.491	0.485	1.2	118	0.00
39	M	1,2-Dichloropropane	0.372	0.341	8.3	106	0.00
40		Dibromomethane	0.230	0.210	8.7	107	0.00
41	M	Bromodichloromethane	0.486	0.440	9.5	106	0.00
42	M	Vinyl Acetate	0.687	0.633	7.9	111	0.00
43		Ethyl Acetate	0.305	0.282	7.5	108	0.00
44		Isopropyl Acetate	0.565	0.565	0.0	119	0.00
45	T	1,4-Dioxane	0.004	0.004#	0.0	115	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.274	0.246	10.2	109	0.00
47		n-amyl Acetate	0.440	0.399	9.3	117	0.00
48	M	t-1,3-Dichloropropene	0.463	0.448	3.2	115	0.00
49	T	cis-1,3-Dichloropropene	0.544	0.508	6.6	111	0.00
50	M	1,1,2-Trichloroethane	0.330	0.304	7.9	108	0.00
51		Ethyl methacrylate	0.401	0.383	4.5	123	0.00
52		1,3-Dichloropropane	0.543	0.504	7.2	109	0.00
53	M	Dibromochloromethane	0.375	0.340	9.3	108	0.00
54	M	1,2-Dibromoethane	0.324	0.302	6.8	112	0.00
55	M	2-Chloroethyl vinyl ether	0.182	0.161	11.5	109	0.00
56	M	Bromoform	0.265	0.231	12.8	107	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
58	M	4-Methyl-2-Pentanone	0.349	0.333	4.6	109	0.00
59	M	2-Hexanone	0.238	0.229	3.8	113	0.00
60	S	4-Bromofluorobenzene	0.461	0.460	0.2	118	0.00
61	M	Tetrachloroethene	0.406	0.382	5.9	103	0.00
62	M	Toluene	1.712	1.659	3.1	109	0.00
63	S	Toluene-d8	1.433	1.398	2.4	111	0.00
64	M	Chlorobenzene	1.038	1.013	2.4	112	0.00
65		1,1,1,2-Tetrachloroethane	0.405	0.392	3.2	109	0.00
66	M	Ethyl Benzene	1.749	1.751	-0.1	116	0.00
67	M	m/p-Xylenes	0.673	0.672	0.1	112	0.00
68	M	o-Xylene	0.640	0.651	-1.7	118	0.00
69	M	Styrene	1.027	1.007	1.9	112	0.00
70		Isopropylbenzene	1.706	1.754	-2.8	117	0.00
71	M	1,1,2,2-Tetrachloroethane	0.468	0.436	6.8	109	0.00
72		1,2,3-Trichloropropane	0.400	0.371	7.3	107	0.00
73		Bromobenzene	0.454	0.438	3.5	112	0.00
74		n-propylbenzene	1.987	1.980	0.4	113	0.00
75		2-Chlorotoluene	1.193	1.175	1.5	112	0.00
76		1,3,5-Trimethylbenzene	1.401	1.431	-2.1	114	0.00
77		t-1,4-Dichloro-2-butene	0.131	0.109	16.8	105	0.00
78		4-Chlorotoluene	1.182	1.152	2.5	111	0.00
79		tert-butylbenzene	1.198	1.234	-3.0	118	0.00
80		1,2,4-Trimethylbenzene	1.419	1.451	-2.3	114	0.00
81		sec-Butylbenzene	1.627	1.660	-2.0	115	0.00
82		p-Isopropyltoluene	1.388	1.420	-2.3	116	0.00
83	M	1,3-Dichlorobenzene	0.791	0.756	4.4	110	0.00
84	M	1,4-Dichlorobenzene	0.748	0.714	4.5	110	0.00
85		n-Butylbenzene	1.127	1.122	0.4	117	0.00
86	T	Hexachloroethane	0.277	0.240	13.4	99	0.00
87	M	1,2-Dichlorobenzene	0.773	0.741	4.1	108	0.00
88		1,2-Dibromo-3-Chloropropane	0.073	0.068	6.8	110	0.00
89		1,2,4-Trichlorobenzene	0.369	0.363	1.6	122	0.00
90		Hexachlorobutadiene	0.244	0.248	-1.6	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.820	0.899	-9.6	153#	0.00
92	1,2,3-Trichlorobenzene	0.376	0.380	-1.1	121	0.00

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