Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090519\
Data File : VN057694.D
Acq On : 5 Sep 2019 10:22
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 06 01:33:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 04 02:08:50 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	106	0.00
2	M	Dichlorodifluoromethane	2.161	2.271	-5.1	117	0.00
3	M	Chloromethane	2.279	2.349	-3.1	110	0.00
4	M	Vinyl Chloride	1.864	1.840	1.3	105	0.00
5	M	Bromomethane	1.192	1.273	-6.8	109	0.00
6	M	Chloroethane	1.361	1.372	-0.8	104	0.00
7	M	Trichlorofluoromethane	3.570	3.661	-2.5	113	0.00
8	T	Diethyl Ether	1.174	1.219	-3.8	109	0.00
9		1,1,2-Trichlorotrifluoroeth	1.855	2.001	-7.9	117	0.00
10	M	1,1-Dichloroethene	1.692	1.710	-1.1	109	0.00
11		Methyl Iodide	2.344	2.344	0.0	114	0.00
12		Methyl Acetate	2.527	2.499	1.1	106	0.00
13	M	Acrolein	0.143	0.118	17.5	85	0.00
14	M	Acrylonitrile	0.920	0.909	1.2	107	0.00
15	M	Acetone	0.258	0.284	-10.1	123	0.00
16	M	Carbon Disulfide	4.252	4.112	3.3	110	0.00
17		Allyl chloride	3.615	3.510	2.9	113	0.00
18	M	Methylene Chloride	2.121	2.094	1.3	109	0.00
19	M	trans-1,2-Dichloroethene	1.790	1.798	-0.4	109	0.00
20	T	Diisopropyl ether	7.789	7.961	-2.2	108	0.00
21	M	1,1-Dichloroethane	4.015	4.078	-1.6	107	0.00
22	M	cis-1,2-Dichloroethene	2.187	2.266	-3.6	109	0.00
23	M	tert-Butyl Alcohol	0.334	0.319	4.5	108	0.00
24	M	Methyl tert-Butyl Ether	6.725	6.862	-2.0	110	0.00
25	M	Chloroform	4.162	4.249	-2.1	109	0.00
26		Cyclohexane	3.419	3.446	-0.8	108	0.00
27	s	1,2-Dichloroethane-d4	3.189	3.211	-0.7	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29		1,1-Dichloropropene	0.479	0.475	0.8	106	0.00
30	M	2-Butanone	0.226	0.233	-3.1	112	0.00
31		2,2-Dichloropropane	0.593	0.606	-2.2	114	0.00
32	M	1,1,1-Trichloroethane	0.593	0.594	-0.2	111	0.00
33	M	Carbon Tetrachloride	0.482	0.467	3.1	109	0.00
34	M	Benzene	1.376	1.384	-0.6	108	0.00
35		Methacrylonitrile	0.207	0.202	2.4	117	0.00
36	M	1,2-Dichloroethane	0.613	0.610	0.5	109	0.00
37	M	Trichloroethene	0.327	0.323	1.2	108	0.00
38		Methylcyclohexane	0.532	0.544	-2.3	112	0.00
39	M	1,2-Dichloropropane	0.376	0.381	-1.3	108	0.00
40		Dibromomethane	0.244	0.245	-0.4	110	0.00
41	M	Bromodichloromethane	0.527	0.517	1.9	110	0.00
42	M	Vinyl Acetate	0.995	1.040	-4.5	108	0.00
43		Ethyl Acetate	0.466	0.475	-1.9	116	0.00
44		Isopropyl Acetate	0.871	0.823	5.5	103	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	103	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.423	0.425	-0.5	113	0.00
47		n-amyl Acetate	0.676	0.595	12.0	107	0.00
48	M	t-1,3-Dichloropropene	0.553	0.534	3.4	109	0.00
49	T	cis-1,3-Dichloropropene	0.590	0.574	2.7	108	0.00
50	M	1,1,2-Trichloroethane	0.329	0.331	-0.6	110	0.00
51		Ethyl methacrylate	0.536	0.507	5.4	109	0.00
52		1,3-Dichloropropane	0.586	0.582	0.7	108	0.00
53	M	Dibromochloromethane	0.343	0.317	7.6	109	0.00
54	M	1,2-Dibromoethane	0.329	0.323	1.8	110	0.00
55	M	2-Chloroethyl vinyl ether	0.169	0.128	24.3	93	0.00
56	M	Bromoform	0.213	0.185	13.1	109	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.530	0.560	-5.7	106	0.00
59	M	2-Hexanone	0.375	0.381	-1.6	111	0.00
60	S	4-Bromofluorobenzene	0.513	0.502	2.1	109	0.00
61	M	Tetrachloroethene	0.344	0.364	-5.8	106	0.00
62	M	Toluene	1.684	1.758	-4.4	109	0.00
63	S	Toluene-d8	1.445	1.498	-3.7	104	0.00
64	M	Chlorobenzene	0.989	0.987	0.2	110	0.00
65		1,1,1,2-Tetrachloroethane	0.362	0.371	-2.5	114	0.00
66	M	Ethyl Benzene	1.883	1.987	-5.5	111	0.00
67	M	m/p-Xylenes	0.660	0.674	-2.1	112	0.00
68	M	o-Xylene	0.658	0.662	-0.6	110	0.00
69	M	Styrene	1.054	1.005	4.6	109	0.00
70		Isopropylbenzene	1.803	1.870	-3.7	111	0.00
71	M	1,1,2,2-Tetrachloroethane	0.475	0.483	-1.7	108	0.00
72		1,2,3-Trichloropropane	0.446	0.435	2.5	109	0.00
73		Bromobenzene	0.382	0.374	2.1	114	0.00
74		n-propylbenzene	1.996	2.002	-0.3	113	0.00
75		2-Chlorotoluene	1.250	1.249	0.1	113	0.00
76		1,3,5-Trimethylbenzene	1.497	1.537	-2.7	116	0.00
77		t-1,4-Dichloro-2-butene	0.136	0.121	11.0	113	0.00
78		4-Chlorotoluene	1.188	1.094	7.9	111	0.00
79		tert-butylbenzene	1.286	1.269	1.3	111	0.00
80		1,2,4-Trimethylbenzene	1.407	1.425	-1.3	115	0.00
81		sec-Butylbenzene	1.657	1.650	0.4	113	0.00
82		p-Isopropyltoluene	1.407	1.383	1.7	115	0.00
83	M	1,3-Dichlorobenzene	0.572	0.512	10.5	111	0.00
84	M	1,4-Dichlorobenzene	0.540	0.470	13.0	111	0.00
85		n-Butylbenzene	1.237	1.231	0.5	114	0.00
86	T	Hexachloroethane	0.255	0.247	3.1	113	0.00
87	M	1,2-Dichlorobenzene	0.528	0.471	10.8	109	0.00
88		1,2-Dibromo-3-Chloropropane	0.070	0.055	21.4	120	0.00
89		1,2,4-Trichlorobenzene	0.183	0.097	47.0#	109	0.00
90		Hexachlorobutadiene	0.203	0.214	-5.4	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.475	0.244	48.6#	113	0.00
92	1,2,3-Trichlorobenzene	0.178	0.095	46.6#	109	0.00

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