Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
Data File : VN052550.D
Acq On : 29 Nov 2018 5:40
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Nov 29 07:34:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 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	1.709	1.539	9.9	95	0.00
3	M	Chloromethane	2.266	2.010	11.3	96	0.00
4	M	Vinyl Chloride	2.287	2.142	6.3	101	0.00
5	M	Bromomethane	1.304	1.200	8.0	101	0.00
6	M	Chloroethane	1.360	1.301	4.3	102	0.00
7	M	Trichlorofluoromethane	2.823	2.682	5.0	103	0.00
8	T	Diethyl Ether	1.042	1.000	4.0	107	0.00
9		1,1,2-Trichlorotrifluoroeth	1.789	1.634	8.7	96	0.00
10	M	1,1-Dichloroethene	1.682	1.610	4.3	105	0.00
11		Methyl Iodide	2.336	2.221	4.9	107	0.00
12		Methyl Acetate	1.429	1.313	8.1	99	0.00
13	M	Acrolein	0.168	0.139	17.3	98	0.00
14	M	Acrylonitrile	0.609	0.566	7.1	98	0.00
15	M	Acetone	0.158	0.125	20.9	79	0.00
16	M	Carbon Disulfide	5.326	4.666	12.4	96	0.00
17		Allyl chloride	2.934	2.427	17.3	89	0.00
18	M	Methylene Chloride	1.948	1.878	3.6	105	0.00
19	M	trans-1,2-Dichloroethene	1.810	1.747	3.5	106	0.00
20	T	Diisopropyl ether	6.166	5.756	6.6	101	0.00
21	M	1,1-Dichloroethane	3.514	3.329	5.3	103	0.00
22	M	cis-1,2-Dichloroethene	2.075	1.979	4.6	103	0.00
23	M	tert-Butyl Alcohol	0.091	0.097	-6.6	113	0.00
24	M	Methyl tert-Butyl Ether	4.413	4.371	1.0	108	0.00
25	M	Chloroform	3.390	3.265	3.7	105	0.00
26		Cyclohexane	3.314	2.984	10.0	97	0.00
27	s	1,2-Dichloroethane-d4	2.044	1.986	2.8	105	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
29		1,1-Dichloropropene	0.458	0.435	5.0	102	0.00
30	M	2-Butanone	0.123	0.107	13.0	92	0.00
31		2,2-Dichloropropane	0.422	0.307	27.3	80	0.00
32	M	1,1,1-Trichloroethane	0.477	0.466	2.3	107	0.00
33	M	Carbon Tetrachloride	0.417	0.398	4.6	104	0.00
34	M	Benzene	1.377	1.317	4.4	103	0.00
35		Methacrylonitrile	0.152	0.136	10.5	96	0.00
36	M	1,2-Dichloroethane	0.417	0.405	2.9	105	0.00
37	M	Trichloroethene	0.349	0.341	2.3	106	0.00
38		Methylcyclohexane	0.567	0.508	10.4	95	0.00
39	M	1,2-Dichloropropane	0.369	0.344	6.8	101	0.00
40		Dibromomethane	0.200	0.197	1.5	107	0.00
41	M	Bromodichloromethane	0.441	0.419	5.0	104	0.00
42	M	Vinyl Acetate	0.663	0.607	8.4	100	0.00
43		Ethyl Acetate	0.261	0.245	6.1	98	0.00
44		Isopropyl Acetate	0.457	0.453	0.9	109	0.00
45	T	1,4-Dioxane	0.003	0.003#	0.0	111	0.00

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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.237	0.229	3.4	106	0.00
47		n-amyl Acetate	0.379	0.344	9.2	104	0.00
48	M	t-1,3-Dichloropropene	0.427	0.381	10.8	102	0.00
49	T	cis-1,3-Dichloropropene	0.521	0.464	10.9	98	0.00
50	M	1,1,2-Trichloroethane	0.283	0.282	0.4	105	0.00
51		Ethyl methacrylate	0.355	0.347	2.3	110	0.00
52		1,3-Dichloropropane	0.503	0.478	5.0	102	0.00
53	M	Dibromochloromethane	0.311	0.299	3.9	104	0.00
54	M	1,2-Dibromoethane	0.276	0.271	1.8	107	0.00
55	M	2-Chloroethyl vinyl ether	0.208	0.194	6.7	99	0.00
56	M	Bromoform	0.204	0.191	6.4	104	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
58	M	4-Methyl-2-Pentanone	0.291	0.289	0.7	103	0.00
59	M	2-Hexanone	0.199	0.185	7.0	95	0.00
60	S	4-Bromofluorobenzene	0.459	0.454	1.1	106	0.00
61	M	Tetrachloroethene	0.369	0.392	-6.2	110	0.00
62	M	Toluene	1.654	1.629	1.5	104	0.00
63	S	Toluene-d8	1.391	1.385	0.4	105	0.00
64	M	Chlorobenzene	1.009	0.994	1.5	105	0.00
65		1,1,1,2-Tetrachloroethane	0.350	0.345	1.4	106	0.00
66	M	Ethyl Benzene	1.782	1.738	2.5	104	0.00
67	M	m/p-Xylenes	0.664	0.656	1.2	104	0.00
68	M	o-Xylene	0.645	0.643	0.3	106	0.00
69	M	Styrene	1.040	1.018	2.1	104	0.00
70		Isopropylbenzene	1.715	1.706	0.5	105	0.00
71	M	1,1,2,2-Tetrachloroethane	0.373	0.370	0.8	103	0.00
72		1,2,3-Trichloropropane	0.320	0.333	-4.1	116	0.00
73		Bromobenzene	0.415	0.417	-0.5	108	0.00
74		n-propylbenzene	1.998	1.913	4.3	101	0.00
75		2-Chlorotoluene	1.160	1.139	1.8	103	0.00
76		1,3,5-Trimethylbenzene	1.385	1.364	1.5	103	0.00
77		t-1,4-Dichloro-2-butene	0.101	0.080	20.8	89	0.00
78		4-Chlorotoluene	1.158	1.123	3.0	103	0.00
79		tert-butylbenzene	1.206	1.215	-0.7	105	0.00
80		1,2,4-Trimethylbenzene	1.386	1.369	1.2	103	0.00
81		sec-Butylbenzene	1.680	1.609	4.2	101	0.00
82		p-Isopropyltoluene	1.431	1.378	3.7	102	0.00
83	M	1,3-Dichlorobenzene	0.729	0.713	2.2	104	0.00
84	M	1,4-Dichlorobenzene	0.705	0.688	2.4	104	0.00
85		n-Butylbenzene	1.229	1.103	10.3	95	0.00
86	T	Hexachloroethane	0.242	0.218	9.9	97	0.00
87	M	1,2-Dichlorobenzene	0.694	0.694	0.0	105	0.00
88		1,2-Dibromo-3-Chloropropane	0.052	0.049#	5.8	102	0.00
89		1,2,4-Trichlorobenzene	0.342	0.323	5.6	104	0.00
90		Hexachlorobutadiene	0.224	0.211	5.8	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.691	0.663	4.1	106	0.00
92	1,2,3-Trichlorobenzene	0.315	0.304	3.5	105	0.00

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