Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121018\
Data File : VN052742.D
Acq On : 10 Dec 2018 9:50
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Dec 11 00:52:03 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	107	0.00
2	M	Dichlorodifluoromethane	1.709	1.608	5.9	98	0.00
3	M	Chloromethane	2.266	2.048	9.6	96	0.00
4	M	Vinyl Chloride	2.287	2.134	6.7	100	0.00
5	M	Bromomethane	1.304	1.156	11.3	96	0.00
6	M	Chloroethane	1.360	1.307	3.9	102	0.00
7	M	Trichlorofluoromethane	2.823	2.837	-0.5	108	0.00
8	T	Diethyl Ether	1.042	1.075	-3.2	114	0.00
9		1,1,2-Trichlorotrifluoroeth	1.789	1.822	-1.8	106	0.00
10	M	1,1-Dichloroethene	1.682	1.677	0.3	108	0.00
11		Methyl Iodide	2.336	1.687	27.8	80	0.00
12		Methyl Acetate	1.429	1.530	-7.1	114	0.00
13	M	Acrolein	0.168	0.036#	78.6#	25	0.00
14	M	Acrylonitrile	0.609	0.625	-2.6	107	0.00
15	M	Acetone	0.158	0.151	4.4	94	0.00
16	M	Carbon Disulfide	5.326	4.971	6.7	101	0.00
17		Allyl chloride	2.934	2.702	7.9	98	0.00
18	M	Methylene Chloride	1.948	1.936	0.6	107	0.00
19	M	trans-1,2-Dichloroethene	1.810	1.807	0.2	108	0.00
20	T	Diisopropyl ether	6.166	6.138	0.5	106	0.00
21	M	1,1-Dichloroethane	3.514	3.490	0.7	107	0.00
22	M	cis-1,2-Dichloroethene	2.075	2.101	-1.3	108	0.00
23	M	tert-Butyl Alcohol	0.091	0.089	2.2	103	0.00
24	M	Methyl tert-Butyl Ether	4.413	4.743	-7.5	115	0.00
25	M	Chloroform	3.390	3.430	-1.2	109	0.00
26		Cyclohexane	3.314	3.209	3.2	103	0.00
27	s	1,2-Dichloroethane-d4	2.044	1.981	3.1	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
29		1,1-Dichloropropene	0.458	0.458	0.0	108	0.00
30	M	2-Butanone	0.123	0.121	1.6	104	0.00
31		2,2-Dichloropropane	0.422	0.457	-8.3	120	0.00
32	M	1,1,1-Trichloroethane	0.477	0.488	-2.3	112	0.00
33	M	Carbon Tetrachloride	0.417	0.424	-1.7	111	0.00
34	M	Benzene	1.377	1.360	1.2	106	0.00
35		Methacrylonitrile	0.152	0.165	-8.6	116	0.00
36	M	1,2-Dichloroethane	0.417	0.419	-0.5	109	0.00
37	M	Trichloroethene	0.349	0.370	-6.0	116	0.00
38		Methylcyclohexane	0.567	0.566	0.2	106	0.00
39	M	1,2-Dichloropropane	0.369	0.362	1.9	106	0.00
40		Dibromomethane	0.200	0.208	-4.0	113	0.00
41	M	Bromodichloromethane	0.441	0.444	-0.7	111	0.00
42	M	Vinyl Acetate	0.663	0.623	6.0	103	0.00
43		Ethyl Acetate	0.261	0.267	-2.3	107	0.00
44		Isopropyl Acetate	0.457	0.488	-6.8	118	0.00
45	T	1,4-Dioxane	0.003	0.002#	33.3#	89	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.237	0.246	-3.8	114	0.00
47		n-amyl Acetate	0.379	0.428	-12.9	129	0.00
48	M	t-1,3-Dichloropropene	0.427	0.442	-3.5	118	0.00
49	T	cis-1,3-Dichloropropene	0.521	0.525	-0.8	112	0.00
50	M	1,1,2-Trichloroethane	0.283	0.296	-4.6	111	0.00
51		Ethyl methacrylate	0.355	0.378	-6.5	120	0.00
52		1,3-Dichloropropane	0.503	0.510	-1.4	109	0.00
53	M	Dibromochloromethane	0.311	0.327	-5.1	114	0.00
54	M	1,2-Dibromoethane	0.276	0.293	-6.2	116	0.00
55	M	2-Chloroethyl vinyl ether	0.208	0.229	-10.1	118	0.00
56	M	Bromoform	0.204	0.221	-8.3	120	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	0.291	0.306	-5.2	112	0.00
59	M	2-Hexanone	0.199	0.223	-12.1	118	0.00
60	S	4-Bromofluorobenzene	0.459	0.461	-0.4	111	0.00
61	M	Tetrachloroethene	0.369	0.448	-21.4	130	0.00
62	M	Toluene	1.654	1.654	0.0	109	0.00
63	S	Toluene-d8	1.391	1.348	3.1	105	0.00
64	M	Chlorobenzene	1.009	1.035	-2.6	113	0.00
65		1,1,1,2-Tetrachloroethane	0.350	0.370	-5.7	118	0.00
66	M	Ethyl Benzene	1.782	1.801	-1.1	111	0.00
67	M	m/p-Xylenes	0.664	0.684	-3.0	112	0.00
68	M	o-Xylene	0.645	0.664	-2.9	113	0.00
69	M	Styrene	1.040	1.078	-3.7	113	0.00
70		Isopropylbenzene	1.715	1.791	-4.4	114	0.00
71	M	1,1,2,2-Tetrachloroethane	0.373	0.377	-1.1	108	0.00
72		1,2,3-Trichloropropane	0.320	0.355	-10.9	127	0.00
73		Bromobenzene	0.415	0.440	-6.0	118	0.00
74		n-propylbenzene	1.998	2.062	-3.2	112	0.00
75		2-Chlorotoluene	1.160	1.188	-2.4	111	0.00
76		1,3,5-Trimethylbenzene	1.385	1.455	-5.1	113	0.00
77		t-1,4-Dichloro-2-butene	0.101	0.106	-5.0	122	0.00
78		4-Chlorotoluene	1.158	1.215	-4.9	114	0.00
79		tert-butylbenzene	1.206	1.291	-7.0	116	0.00
80		1,2,4-Trimethylbenzene	1.386	1.463	-5.6	113	0.00
81		sec-Butylbenzene	1.680	1.763	-4.9	114	0.00
82		p-Isopropyltoluene	1.431	1.534	-7.2	117	0.00
83	M	1,3-Dichlorobenzene	0.729	0.795	-9.1	120	0.00
84	M	1,4-Dichlorobenzene	0.705	0.775	-9.9	121	0.00
85		n-Butylbenzene	1.229	1.306	-6.3	117	0.00
86	T	Hexachloroethane	0.242	0.245	-1.2	112	0.00
87	M	1,2-Dichlorobenzene	0.694	0.768	-10.7	120	0.00
88		1,2-Dibromo-3-Chloropropane	0.052	0.061	-17.3	131	0.00
89		1,2,4-Trichlorobenzene	0.342	0.442	-29.2	147	0.00
90		Hexachlorobutadiene	0.224	0.254	-13.4	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.691	0.922	-33.4#	152#	0.00
92	1,2,3-Trichlorobenzene	0.315	0.399	-26.7	142	0.00

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