Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110718\
Data File : VN052211.D
Acq On : 7 Nov 2018 16:58
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Nov 08 07:26:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 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	2.004	2.157	-7.6	115	0.00
3	M	Chloromethane	2.290	2.316	-1.1	107	0.00
4	M	Vinyl Chloride	2.246	2.175	3.2	100	0.00
5	M	Bromomethane	1.533	1.495	2.5	106	0.00
6	M	Chloroethane	1.436	1.291	10.1	96	0.00
7	M	Trichlorofluoromethane	3.042	3.005	1.2	106	0.00
8	T	Diethyl Ether	1.027	1.047	-1.9	109	0.00
9		1,1,2-Trichlorotrifluoroeth	1.778	1.798	-1.1	111	0.00
10	M	1,1-Dichloroethene	1.659	1.665	-0.4	112	0.00
11		Methyl Iodide	2.399	2.365	1.4	114	0.00
12		Methyl Acetate	1.396	1.369	1.9	106	0.00
13	M	Acrolein	0.148	0.133	10.1	100	0.00
14	M	Acrylonitrile	0.619	0.587	5.2	101	0.00
15	M	Acetone	0.146	0.148	-1.4	105	0.00
16	M	Carbon Disulfide	4.899	4.518	7.8	104	0.00
17		Allyl chloride	2.817	2.678	4.9	105	0.00
18	M	Methylene Chloride	2.048	1.871	8.6	100	0.00
19	M	trans-1,2-Dichloroethene	1.818	1.822	-0.2	110	0.00
20	T	Diisopropyl ether	6.121	6.000	2.0	105	0.00
21	M	1,1-Dichloroethane	3.577	3.429	4.1	102	0.00
22	M	cis-1,2-Dichloroethene	2.123	2.092	1.5	106	0.00
23	M	tert-Butyl Alcohol	0.096	0.104	-8.3	99	0.00
24	M	Methyl tert-Butyl Ether	4.703	4.441	5.6	100	0.00
25	M	Chloroform	3.592	3.442	4.2	102	0.00
26		Cyclohexane	3.207	3.073	4.2	106	0.00
27	s	1,2-Dichloroethane-d4	2.227	2.124	4.6	98	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
29		1,1-Dichloropropene	0.476	0.449	5.7	102	0.00
30	M	2-Butanone	0.127	0.120	5.5	98	0.00
31		2,2-Dichloropropane	0.491	0.452	7.9	101	0.00
32	M	1,1,1-Trichloroethane	0.533	0.496	6.9	103	0.00
33	M	Carbon Tetrachloride	0.474	0.442	6.8	105	0.00
34	M	Benzene	1.395	1.328	4.8	104	0.00
35		Methacrylonitrile	0.174	0.233	-33.9#	135	0.00
36	M	1,2-Dichloroethane	0.466	0.422	9.4	99	0.00
37	M	Trichloroethene	0.349	0.343	1.7	113	0.00
38		Methylcyclohexane	0.581	0.534	8.1	102	0.00
39	M	1,2-Dichloropropane	0.371	0.356	4.0	101	0.00
40		Dibromomethane	0.229	0.214	6.6	101	0.00
41	M	Bromodichloromethane	0.468	0.434	7.3	102	0.00
42	M	Vinyl Acetate	0.743	0.703	5.4	102	0.00
43		Ethyl Acetate	0.637	0.906	-42.2#	148	0.00
44		Isopropyl Acetate	0.528	0.513	2.8	106	0.00
45	T	1,4-Dioxane	0.002	0.002#	0.0	93	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	0.263	0.258	1.9	102	0.00
47		n-amyl Acetate	0.478	0.432	9.6	101	0.00
48	M	t-1,3-Dichloropropene	0.465	0.419	9.9	100	0.00
49	T	cis-1,3-Dichloropropene	0.537	0.504	6.1	102	0.00
50	M	1,1,2-Trichloroethane	0.303	0.287	5.3	105	0.00
51		Ethyl methacrylate	0.391	0.360	7.9	102	0.00
52		1,3-Dichloropropane	0.527	0.496	5.9	103	0.00
53	M	Dibromochloromethane	0.327	0.306	6.4	106	0.00
54	M	1,2-Dibromoethane	0.307	0.286	6.8	105	0.00
55	M	2-Chloroethyl vinyl ether	0.214	0.204	4.7	101	0.00
56	M	Bromoform	0.189	0.175	7.4	110	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
58	M	4-Methyl-2-Pentanone	0.321	0.312	2.8	100	0.00
59	M	2-Hexanone	0.221	0.210	5.0	99	0.00
60	S	4-Bromofluorobenzene	0.480	0.442	7.9	99	0.00
61	M	Tetrachloroethene	0.326	0.330	-1.2	113	0.00
62	M	Toluene	1.684	1.613	4.2	102	0.00
63	S	Toluene-d8	1.411	1.378	2.3	104	0.00
64	M	Chlorobenzene	1.067	1.013	5.1	105	0.00
65		1,1,1,2-Tetrachloroethane	0.363	0.369	-1.7	112	0.00
66	M	Ethyl Benzene	1.819	1.726	5.1	105	0.00
67	M	m/p-Xylenes	0.700	0.651	7.0	103	0.00
68	M	o-Xylene	0.668	0.635	4.9	104	0.00
69	M	Styrene	1.076	0.998	7.2	100	0.00
70		Isopropylbenzene	1.792	1.678	6.4	104	0.00
71	M	1,1,2,2-Tetrachloroethane	0.394	0.381	3.3	104	0.00
72		1,2,3-Trichloropropane	0.347	0.289	16.7	87	0.00
73		Bromobenzene	0.397	0.401	-1.0	115	0.00
74		n-propylbenzene	2.087	1.894	9.2	100	0.00
75		2-Chlorotoluene	1.203	1.096	8.9	100	0.00
76		1,3,5-Trimethylbenzene	1.437	1.323	7.9	102	0.00
77		t-1,4-Dichloro-2-butene	0.108	0.092	14.8	104	0.00
78		4-Chlorotoluene	1.212	1.099	9.3	100	0.00
79		tert-butylbenzene	1.252	1.185	5.4	103	0.00
80		1,2,4-Trimethylbenzene	1.432	1.345	6.1	102	0.00
81		sec-Butylbenzene	1.723	1.593	7.5	102	0.00
82		p-Isopropyltoluene	1.456	1.362	6.5	105	0.00
83	M	1,3-Dichlorobenzene	0.703	0.689	2.0	111	0.00
84	M	1,4-Dichlorobenzene	0.695	0.663	4.6	111	0.00
85		n-Butylbenzene	1.260	1.119	11.2	101	0.00
86	T	Hexachloroethane	0.246	0.218	11.4	101	0.00
87	M	1,2-Dichlorobenzene	0.667	0.675	-1.2	114	0.00
88		1,2-Dibromo-3-Chloropropane	0.054	0.050#	7.4	96	0.00
89		1,2,4-Trichlorobenzene	0.271	0.287	-5.9	122	0.00
90		Hexachlorobutadiene	0.148	0.168	-13.5	129	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.625	0.686	-9.8	124	0.00
92	1,2,3-Trichlorobenzene	0.236	0.279	-18.2	139	0.00

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