Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083018\
Data File : VN050970.D
Acq On : 30 Aug 2018 18:20
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 31 06:30:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 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	104	0.00
2	M	Dichlorodifluoromethane	1.863	1.756	5.7	92	0.00
3	M	Chloromethane	2.200	1.969	10.5	89	0.00
4	M	Vinyl Chloride	2.174	1.995	8.2	93	0.00
5	M	Bromomethane	1.325	1.116	15.8	91	0.00
6	M	Chloroethane	1.282	1.159	9.6	93	0.00
7	M	Trichlorofluoromethane	2.882	2.694	6.5	96	0.00
8	T	Diethyl Ether	1.016	0.912	10.2	96	0.00
9		1,1,2-Trichlorotrifluoroeth	1.785	1.676	6.1	97	0.00
10	M	1,1-Dichloroethene	1.621	1.460	9.9	94	0.00
11		Methyl Iodide	1.512	1.201	20.6	98	0.00
12		Methyl Acetate	1.874	1.986	-6.0	111	0.00
13	M	Acrolein	0.042	0.023#	45.2#	71	0.00
14	M	Acrylonitrile	0.634	0.570	10.1	97	0.00
15	M	Acetone	0.162	0.148	8.6	102	0.00
16	M	Carbon Disulfide	4.874	4.239	13.0	91	0.00
17		Allyl chloride	2.551	2.288	10.3	97	0.00
18	M	Methylene Chloride	1.903	1.775	6.7	96	0.00
19	M	trans-1,2-Dichloroethene	1.727	1.559	9.7	95	0.00
20	T	Diisopropyl ether	5.294	5.032	4.9	97	0.00
21	M	1,1-Dichloroethane	3.246	3.028	6.7	96	0.00
22	M	cis-1,2-Dichloroethene	1.951	1.775	9.0	95	0.00
23	M	tert-Butyl Alcohol	0.135	0.120	11.1	97	0.00
24	M	Methyl tert-Butyl Ether	4.434	4.084	7.9	99	0.00
25	M	Chloroform	3.240	3.058	5.6	97	0.00
26		Cyclohexane	2.689	2.375	11.7	95	0.00
27	s	1,2-Dichloroethane-d4	1.914	1.903	0.6	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29		1,1-Dichloropropene	0.449	0.415	7.6	97	0.00
30	M	2-Butanone	0.138	0.119	13.8	97	0.00
31		2,2-Dichloropropane	0.437	0.437	0.0	108	0.00
32	M	1,1,1-Trichloroethane	0.509	0.482	5.3	97	0.00
33	M	Carbon Tetrachloride	0.459	0.429	6.5	96	0.00
34	M	Benzene	1.389	1.295	6.8	96	0.00
35		Methacrylonitrile	0.151	0.144	4.6	92	0.00
36	M	1,2-Dichloroethane	0.420	0.399	5.0	97	0.00
37	M	Trichloroethene	0.363	0.333	8.3	97	0.00
38		Methylcyclohexane	0.482	0.428	11.2	98	0.00
39	M	1,2-Dichloropropane	0.363	0.346	4.7	97	0.00
40		Dibromomethane	0.219	0.205	6.4	97	0.00
41	M	Bromodichloromethane	0.461	0.432	6.3	97	0.00
42	M	Vinyl Acetate	0.636	0.573	9.9	95	0.00
43		Ethyl Acetate	0.283	0.241	14.8	87	0.00
44		Isopropyl Acetate	0.499	0.603	-20.8	127	0.00
45	T	1,4-Dioxane	0.004	0.003#	25.0	89	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.250	0.237	5.2	104	0.00
47		n-amyl Acetate	0.402	0.336	16.4	95	0.00
48	M	t-1,3-Dichloropropene	0.452	0.408	9.7	99	0.00
49	T	cis-1,3-Dichloropropene	0.519	0.483	6.9	100	0.00
50	M	1,1,2-Trichloroethane	0.318	0.302	5.0	96	0.00
51		Ethyl methacrylate	0.389	0.335	13.9	97	0.00
52		1,3-Dichloropropane	0.526	0.485	7.8	95	0.00
53	M	Dibromochloromethane	0.361	0.329	8.9	97	0.00
54	M	1,2-Dibromoethane	0.314	0.281	10.5	94	0.00
55	M	2-Chloroethyl vinyl ether	0.162	0.142	12.3	97	0.00
56	M	Bromoform	0.257	0.223	13.2	93	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	0.343	0.315	8.2	95	0.00
59	M	2-Hexanone	0.224	0.201	10.3	96	0.00
60	S	4-Bromofluorobenzene	0.446	0.438	1.8	99	0.00
61	M	Tetrachloroethene	0.374	0.355	5.1	93	0.00
62	M	Toluene	1.674	1.618	3.3	95	0.00
63	S	Toluene-d8	1.399	1.445	-3.3	101	0.00
64	M	Chlorobenzene	1.037	0.965	6.9	93	0.00
65		1,1,1,2-Tetrachloroethane	0.392	0.382	2.6	97	0.00
66	M	Ethyl Benzene	1.734	1.580	8.9	93	0.00
67	M	m/p-Xylenes	0.667	0.625	6.3	93	0.00
68	M	o-Xylene	0.637	0.589	7.5	93	0.00
69	M	Styrene	1.013	0.939	7.3	93	0.00
70		Isopropylbenzene	1.694	1.576	7.0	92	0.00
71	M	1,1,2,2-Tetrachloroethane	0.459	0.438	4.6	94	0.00
72		1,2,3-Trichloropropane	0.396	0.376	5.1	94	0.00
73		Bromobenzene	0.446	0.410	8.1	93	0.00
74		n-propylbenzene	1.915	1.745	8.9	91	0.00
75		2-Chlorotoluene	1.163	1.089	6.4	93	0.00
76		1,3,5-Trimethylbenzene	1.384	1.280	7.5	91	0.00
77		t-1,4-Dichloro-2-butene	0.113	0.100	11.5	98	0.00
78		4-Chlorotoluene	1.145	1.044	8.8	91	0.00
79		tert-butylbenzene	1.202	1.114	7.3	92	0.00
80		1,2,4-Trimethylbenzene	1.380	1.294	6.2	92	0.00
81		sec-Butylbenzene	1.573	1.440	8.5	92	0.00
82		p-Isopropyltoluene	1.357	1.223	9.9	91	0.00
83	M	1,3-Dichlorobenzene	0.753	0.680	9.7	91	0.00
84	M	1,4-Dichlorobenzene	0.714	0.639	10.5	91	0.00
85		n-Butylbenzene	1.036	0.870	16.0	90	0.00
86	T	Hexachloroethane	0.261	0.245	6.1	96	0.00
87	M	1,2-Dichlorobenzene	0.742	0.680	8.4	91	0.00
88		1,2-Dibromo-3-Chloropropane	0.064	0.059	7.8	90	0.00
89		1,2,4-Trichlorobenzene	0.330	0.252	23.6	90	0.00
90		Hexachlorobutadiene	0.224	0.212	5.4	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.708	0.533	24.7	97	0.00
92	1,2,3-Trichlorobenzene	0.331	0.272	17.8	92	0.00

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