Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072518\
Data File : VN050041.D
Acq On : 25 Jul 2018 10:49
Operator : MD\SY
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN072518

Quant Time: Jul 26 15:25:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 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	98	0.00
2	M	Dichlorodifluoromethane	2.067	2.329	-12.7	98	0.00
3	M	Chloromethane	2.131	2.271	-6.6	100	0.00
4	M	Vinyl Chloride	2.269	2.402	-5.9	98	0.00
5	M	Bromomethane	1.383	1.575	-13.9	108	0.00
6	M	Chloroethane	1.342	1.358	-1.2	95	0.00
7	M	Trichlorofluoromethane	2.965	3.097	-4.5	96	0.00
8	T	Diethyl Ether	0.995	1.044	-4.9	105	0.00
9		1,1,2-Trichlorotrifluoroeth	1.804	1.891	-4.8	96	0.00
10	M	1,1-Dichloroethene	1.599	1.717	-7.4	101	0.00
11		Methyl Iodide	2.354	2.085	11.4	86	0.00
12		Methyl Acetate	1.832	1.979	-8.0	102	0.00
13	M	Acrolein	0.113	0.106	6.2	103	0.00
14	M	Acrylonitrile	0.611	0.638	-4.4	103	0.00
15	M	Acetone	0.162	0.176	-8.6	101	0.00
16	M	Carbon Disulfide	4.895	5.301	-8.3	103	0.00
17		Allyl chloride	2.526	2.687	-6.4	104	0.00
18	M	Methylene Chloride	1.846	1.908	-3.4	98	0.00
19	M	trans-1,2-Dichloroethene	1.712	1.827	-6.7	101	0.00
20	T	Diisopropyl ether	5.179	5.485	-5.9	100	0.00
21	M	1,1-Dichloroethane	3.257	3.375	-3.6	98	0.00
22	M	cis-1,2-Dichloroethene	1.899	1.975	-4.0	100	0.00
23	M	tert-Butyl Alcohol	0.137	0.145	-5.8	106	0.00
24	M	Methyl tert-Butyl Ether	4.362	4.574	-4.9	102	0.00
25	M	Chloroform	3.297	3.390	-2.8	97	0.00
26		Cyclohexane	2.588	2.733	-5.6	101	0.00
27	s	1,2-Dichloroethane-d4	2.039	2.032	0.3	96	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.466	0.472	-1.3	99	0.00
30	M	2-Butanone	0.146	0.144	1.4	102	0.00
31		2,2-Dichloropropane	0.515	0.515	0.0	99	0.00
32	M	1,1,1-Trichloroethane	0.548	0.536	2.2	97	0.00
33	M	Carbon Tetrachloride	0.489	0.468	4.3	96	0.00
34	M	Benzene	1.414	1.390	1.7	98	0.00
35		Methacrylonitrile	0.166	0.159	4.2	103	0.00
36	M	1,2-Dichloroethane	0.464	0.453	2.4	97	0.00
37	M	Trichloroethene	0.371	0.374	-0.8	101	0.00
38		Methylcyclohexane	0.491	0.497	-1.2	104	0.00
39	M	1,2-Dichloropropane	0.372	0.363	2.4	97	0.00
40		Dibromomethane	0.230	0.226	1.7	99	0.00
41	M	Bromodichloromethane	0.486	0.469	3.5	97	0.00
42	M	Vinyl Acetate	0.687	0.683	0.6	103	0.00
43		Ethyl Acetate	0.305	0.303	0.7	100	0.00
44		Isopropyl Acetate	0.565	0.584	-3.4	105	0.00
45	T	1,4-Dioxane	0.004	0.004#	0.0	106	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.274	0.265	3.3	100	0.00
47		n-amyl Acetate	0.440	0.410	6.8	104	0.00
48	M	t-1,3-Dichloropropene	0.463	0.459	0.9	101	0.00
49	T	cis-1,3-Dichloropropene	0.544	0.539	0.9	101	0.00
50	M	1,1,2-Trichloroethane	0.330	0.319	3.3	98	0.00
51		Ethyl methacrylate	0.401	0.378	5.7	104	0.00
52		1,3-Dichloropropane	0.543	0.529	2.6	98	0.00
53	M	Dibromochloromethane	0.375	0.355	5.3	97	0.00
54	M	1,2-Dibromoethane	0.324	0.317	2.2	101	0.00
55	M	2-Chloroethyl vinyl ether	0.182	0.173	4.9	100	0.00
56	M	Bromoform	0.265	0.245	7.5	98	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.349	0.354	-1.4	101	0.00
59	M	2-Hexanone	0.238	0.240	-0.8	102	0.00
60	S	4-Bromofluorobenzene	0.461	0.458	0.7	102	0.00
61	M	Tetrachloroethene	0.406	0.405	0.2	94	0.00
62	M	Toluene	1.712	1.700	0.7	97	0.00
63	S	Toluene-d8	1.433	1.434	-0.1	99	0.00
64	M	Chlorobenzene	1.038	1.052	-1.3	101	0.00
65		1,1,1,2-Tetrachloroethane	0.405	0.394	2.7	95	0.00
66	M	Ethyl Benzene	1.749	1.755	-0.3	101	0.00
67	M	m/p-Xylenes	0.673	0.690	-2.5	100	0.00
68	M	o-Xylene	0.640	0.647	-1.1	102	0.00
69	M	Styrene	1.027	1.031	-0.4	99	0.00
70		Isopropylbenzene	1.706	1.747	-2.4	101	0.00
71	M	1,1,2,2-Tetrachloroethane	0.468	0.458	2.1	99	0.00
72		1,2,3-Trichloropropane	0.400	0.372	7.0	93	0.00
73		Bromobenzene	0.454	0.454	0.0	100	0.00
74		n-propylbenzene	1.987	2.035	-2.4	100	0.00
75		2-Chlorotoluene	1.193	1.212	-1.6	100	0.00
76		1,3,5-Trimethylbenzene	1.401	1.445	-3.1	99	0.00
77		t-1,4-Dichloro-2-butene	0.131	0.122	6.9	101	0.00
78		4-Chlorotoluene	1.182	1.204	-1.9	100	0.00
79		tert-butylbenzene	1.198	1.226	-2.3	102	0.00
80		1,2,4-Trimethylbenzene	1.419	1.475	-3.9	100	0.00
81		sec-Butylbenzene	1.627	1.691	-3.9	101	0.00
82		p-Isopropyltoluene	1.388	1.448	-4.3	102	0.00
83	M	1,3-Dichlorobenzene	0.791	0.799	-1.0	101	0.00
84	M	1,4-Dichlorobenzene	0.748	0.755	-0.9	101	0.00
85		n-Butylbenzene	1.127	1.131	-0.4	102	0.00
86	T	Hexachloroethane	0.277	0.270	2.5	96	0.00
87	M	1,2-Dichlorobenzene	0.773	0.782	-1.2	98	0.00
88		1,2-Dibromo-3-Chloropropane	0.073	0.076	-4.1	106	0.00
89		1,2,4-Trichlorobenzene	0.369	0.389	-5.4	113	0.00
90		Hexachlorobutadiene	0.244	0.277	-13.5	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.820	0.847	-3.3	125	0.00
92	1,2,3-Trichlorobenzene	0.376	0.408	-8.5	112	0.00

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