Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092518\
Data File : VN051479.D
Acq On : 25 Sep 2018 12:09
Operator : MD\SY
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN092518

Quant Time: Sep 26 02:20:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 26 01:19:41 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	109	0.00
2	M	Dichlorodifluoromethane	20.000	19.416	2.9	106	0.00
3	M	Chloromethane	20.000	20.737	-3.7	109	0.00
4	M	Vinyl Chloride	20.000	20.740	-3.7	106	0.00
5	M	Bromomethane	20.000	21.597	-8.0	113	0.00
6	M	Chloroethane	20.000	21.176	-5.9	104	0.00
7	M	Trichlorofluoromethane	20.000	21.047	-5.2	105	0.00
8	T	Diethyl Ether	20.000	20.150	-0.7	112	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.836	-9.2	111	0.00
10	M	1,1-Dichloroethene	20.000	21.973	-9.9	113	0.00
11		Methyl Iodide	20.000	20.502	-2.5	100	0.00
12		Methyl Acetate	20.000	21.498	-7.5	115	0.00
13	M	Acrolein	100.000	105.460	-5.5	108	0.00
14	M	Acrylonitrile	100.000	109.297	-9.3	115	0.00
15	M	Acetone	100.000	105.872	-5.9	112	0.00
16	M	Carbon Disulfide	20.000	20.741	-3.7	108	0.00
17		Allyl chloride	20.000	20.169	-0.8	109	0.00
18	M	Methylene Chloride	20.000	21.564	-7.8	106	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.841	-9.2	108	0.00
20	T	Diisopropyl ether	20.000	22.704	-13.5	110	0.00
21	M	1,1-Dichloroethane	20.000	21.942	-9.7	108	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.624	-8.1	107	0.00
23	M	tert-Butyl Alcohol	100.000	113.213	-13.2	129	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.444	-7.2	115	0.00
25	M	Chloroform	20.000	22.082	-10.4	105	0.00
26		Cyclohexane	20.000	21.540	-7.7	111	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.902	0.3	108	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	113	0.00
29		1,1-Dichloropropene	20.000	22.049	-10.2	111	0.00
30	M	2-Butanone	100.000	109.452	-9.5	119	0.00
31		2,2-Dichloropropane	20.000	22.337	-11.7	109	0.00
32	M	1,1,1-Trichloroethane	20.000	21.571	-7.9	105	0.00
33	M	Carbon Tetrachloride	20.000	21.346	-6.7	107	0.00
34	M	Benzene	20.000	21.867	-9.3	107	0.00
35		Methacrylonitrile	20.000	18.599	7.0	115	0.00
36	M	1,2-Dichloroethane	20.000	21.620	-8.1	108	0.00
37	M	Trichloroethene	20.000	21.539	-7.7	107	0.00
38		Methylcyclohexane	20.000	21.184	-5.9	116	0.00
39	M	1,2-Dichloropropane	20.000	22.073	-10.4	107	0.00
40		Dibromomethane	20.000	21.724	-8.6	104	0.00
41	M	Bromodichloromethane	20.000	21.692	-8.5	106	0.00
42	M	Vinyl Acetate	100.000	108.365	-8.4	115	0.00
43		Ethyl Acetate	20.000	23.865	-19.3	120	0.00
44		Isopropyl Acetate	20.000	21.637	-8.2	115	0.00
45	T	1,4-Dioxane	400.000	458.233	-14.6	119	0.00

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Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	20.993	-5.0	113	0.00
47		n-amyl Acetate	20.000	0.323	98.4#	2	0.17
48	M	t-1,3-Dichloropropene	20.000	22.254	-11.3	119	0.00
49	T	cis-1,3-Dichloropropene	20.000	22.733	-13.7	114	0.00
50	M	1,1,2-Trichloroethane	20.000	23.181	-15.9	113	0.00
51		Ethyl methacrylate	20.000	22.320	-11.6	124	0.00
52		1,3-Dichloropropane	20.000	22.039	-10.2	109	0.00
53	M	Dibromochloromethane	20.000	21.671	-8.4	107	0.00
54	M	1,2-Dibromoethane	20.000	21.851	-9.3	112	0.00
55	M	2-Chloroethyl vinyl ether	100.000	108.944	-8.9	117	0.00
56	M	Bromoform	20.000	21.827	-9.1	112	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	114	0.00
58	M	4-Methyl-2-Pentanone	100.000	118.833	-18.8	122	0.00
59	M	2-Hexanone	100.000	111.221	-11.2	123	0.00
60	S	4-Bromofluorobenzene	30.000	30.550	-1.8	115	0.00
61	M	Tetrachloroethene	20.000	22.726	-13.6	111	0.00
62	M	Toluene	20.000	22.890	-14.5	113	0.00
63	S	Toluene-d8	30.000	31.573	-5.2	116	0.00
64	M	Chlorobenzene	20.000	21.925	-9.6	111	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.242	-6.2	105	0.00
66	M	Ethyl Benzene	20.000	21.622	-8.1	114	0.00
67	M	m/p-Xylenes	40.000	45.289	-13.2	114	0.00
68	M	o-Xylene	20.000	22.470	-12.3	115	0.00
69	M	Styrene	20.000	22.218	-11.1	113	0.00
70		Isopropylbenzene	20.000	22.371	-11.9	113	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.598	-8.0	112	0.00
72		1,2,3-Trichloropropane	20.000	24.707	-23.5	115	0.00
73		Bromobenzene	20.000	21.594	-8.0	113	0.00
74		n-propylbenzene	20.000	21.962	-9.8	114	0.00
75		2-Chlorotoluene	20.000	22.246	-11.2	112	0.00
76		1,3,5-Trimethylbenzene	20.000	22.812	-14.1	114	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.036	-0.2	118	0.00
78		4-Chlorotoluene	20.000	22.066	-10.3	113	0.00
79		tert-butylbenzene	20.000	22.781	-13.9	117	0.00
80		1,2,4-Trimethylbenzene	20.000	23.285	-16.4	116	0.00
81		sec-Butylbenzene	20.000	22.867	-14.3	117	0.00
82		p-Isopropyltoluene	20.000	22.480	-12.4	116	0.00
83	M	1,3-Dichlorobenzene	20.000	21.176	-5.9	112	0.00
84	M	1,4-Dichlorobenzene	20.000	21.364	-6.8	115	0.00
85		n-Butylbenzene	20.000	21.233	-6.2	121	0.00
86	T	Hexachloroethane	20.000	22.140	-10.7	113	0.00
87	M	1,2-Dichlorobenzene	20.000	21.835	-9.2	111	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	21.060	-5.3	120	0.00
89		1,2,4-Trichlorobenzene	20.000	18.745	6.3	126	0.00
90		Hexachlorobutadiene	20.000	22.533	-12.7	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.389	18.1	136	0.00
92	1,2,3-Trichlorobenzene	20.000	18.789	6.1	125	0.00

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