Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100518\
Data File : VN051678.D
Acq On : 5 Oct 2018 11:25
Operator : MD\SY
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : ICVVN100518

Quant Time: Oct 05 14:53:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N100518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 05 11:11:26 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	107	0.00
2	M	Dichlorodifluoromethane	20.000	28.419	-42.1#	124	0.00
3	M	Chloromethane	20.000	22.781	-13.9	108	0.00
4	M	Vinyl Chloride	20.000	22.700	-13.5	115	0.00
5	M	Bromomethane	20.000	25.581	-27.9	138	0.00
6	M	Chloroethane	20.000	21.941	-9.7	111	0.00
7	M	Trichlorofluoromethane	20.000	22.099	-10.5	118	0.00
8	T	Diethyl Ether	20.000	23.121	-15.6	115	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	22.924	-14.6	112	0.00
10	M	1,1-Dichloroethene	20.000	22.690	-13.5	113	0.00
11		Methyl Iodide	20.000	18.839	5.8	107	0.00
12		Methyl Acetate	20.000	22.020	-10.1	115	0.00
13	M	Acrolein	100.000	96.972	3.0	105	0.00
14	M	Acrylonitrile	100.000	110.866	-10.9	120	0.00
15	M	Acetone	100.000	120.187	-20.2	124	0.00
16	M	Carbon Disulfide	20.000	23.320	-16.6	117	0.00
17		Allyl chloride	20.000	21.780	-8.9	109	0.00
18	M	Methylene Chloride	20.000	21.977	-9.9	113	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.158	-5.8	110	0.00
20	T	Diisopropyl ether	20.000	20.283	-1.4	107	0.00
21	M	1,1-Dichloroethane	20.000	21.124	-5.6	111	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.001	-5.0	111	0.00
23	M	tert-Butyl Alcohol	100.000	119.473	-19.5	120	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.210	-6.1	110	0.00
25	M	Chloroform	20.000	20.467	-2.3	109	0.00
26		Cyclohexane	20.000	21.246	-6.2	111	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.135	-0.5	107	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29		1,1-Dichloropropene	20.000	20.963	-4.8	112	0.00
30	M	2-Butanone	100.000	107.506	-7.5	114	0.00
31		2,2-Dichloropropane	20.000	21.537	-7.7	109	0.00
32	M	1,1,1-Trichloroethane	20.000	20.788	-3.9	111	0.00
33	M	Carbon Tetrachloride	20.000	20.261	-1.3	107	0.00
34	M	Benzene	20.000	20.350	-1.8	111	0.00
35		Methacrylonitrile	20.000	21.314	-6.6	120	0.00
36	M	1,2-Dichloroethane	20.000	20.887	-4.4	114	0.00
37	M	Trichloroethene	20.000	20.854	-4.3	110	0.00
38		Methylcyclohexane	20.000	20.886	-4.4	111	0.00
39	M	1,2-Dichloropropane	20.000	20.684	-3.4	109	0.00
40		Dibromomethane	20.000	20.377	-1.9	113	0.00
41	M	Bromodichloromethane	20.000	20.559	-2.8	113	0.00
42	M	Vinyl Acetate	100.000	103.539	-3.5	112	0.00
43		Ethyl Acetate	20.000	20.646	-3.2	107	0.00
44		Isopropyl Acetate	20.000	20.897	-4.5	111	0.00
45	T	1,4-Dioxane	400.000	433.998	-8.5	127	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	21.585	-7.9	118	0.00
47		n-amyl Acetate	20.000	0.046	99.8#	0	0.10
48	M	t-1,3-Dichloropropene	20.000	19.548	2.3	110	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.576	-2.9	114	0.00
50	M	1,1,2-Trichloroethane	20.000	20.056	-0.3	116	0.00
51		Ethyl methacrylate	20.000	19.776	1.1	112	0.00
52		1,3-Dichloropropane	20.000	20.080	-0.4	112	0.00
53	M	Dibromochloromethane	20.000	18.897	5.5	112	0.00
54	M	1,2-Dibromoethane	20.000	19.333	3.3	112	0.00
55	M	2-Chloroethyl vinyl ether	100.000	101.376	-1.4	114	0.00
56	M	Bromoform	20.000	17.230	13.8	109	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	100.000	111.391	-11.4	115	0.00
59	M	2-Hexanone	100.000	112.040	-12.0	116	0.00
60	S	4-Bromofluorobenzene	30.000	27.501	8.3	103	0.00
61	M	Tetrachloroethene	20.000	20.685	-3.4	107	0.00
62	M	Toluene	20.000	21.339	-6.7	112	0.00
63	S	Toluene-d8	30.000	31.065	-3.6	105	0.00
64	M	Chlorobenzene	20.000	20.637	-3.2	111	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.994	0.0	109	0.00
66	M	Ethyl Benzene	20.000	20.459	-2.3	110	0.00
67	M	m/p-Xylenes	40.000	40.692	-1.7	111	0.00
68	M	o-Xylene	20.000	20.089	-0.4	109	0.00
69	M	Styrene	20.000	19.513	2.4	110	0.00
70		Isopropylbenzene	20.000	20.064	-0.3	112	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.624	-3.1	113	0.00
72		1,2,3-Trichloropropane	20.000	31.866	-59.3#	168	0.00
73		Bromobenzene	20.000	19.661	1.7	113	0.00
74		n-propylbenzene	20.000	20.114	-0.6	112	0.00
75		2-Chlorotoluene	20.000	19.767	1.2	110	0.00
76		1,3,5-Trimethylbenzene	20.000	19.604	2.0	109	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.302	-1.5	118	0.00
78		4-Chlorotoluene	20.000	19.702	1.5	112	0.00
79		tert-butylbenzene	20.000	19.626	1.9	111	0.00
80		1,2,4-Trimethylbenzene	20.000	19.804	1.0	112	0.00
81		sec-Butylbenzene	20.000	19.879	0.6	110	0.00
82		p-Isopropyltoluene	20.000	19.788	1.1	112	0.00
83	M	1,3-Dichlorobenzene	20.000	19.692	1.5	116	0.00
84	M	1,4-Dichlorobenzene	20.000	18.892	5.5	113	0.00
85		n-Butylbenzene	20.000	19.900	0.5	113	0.00
86	T	Hexachloroethane	20.000	19.704	1.5	111	0.00
87	M	1,2-Dichlorobenzene	20.000	19.111	4.4	112	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	21.166	-5.8	120	0.00
89		1,2,4-Trichlorobenzene	20.000	22.227	-11.1	131	0.00
90		Hexachlorobutadiene	20.000	22.994	-15.0	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	21.783	-8.9	136	0.00
92	1,2,3-Trichlorobenzene	20.000	23.070	-15.4	135	0.00

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