Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081019\
Data File : VN057169.D
Acq On : 10 Aug 2019 11:50
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN081019

Quant Time: Aug 11 03:59:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081019W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sun Aug 11 03:53:25 2019
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	118	0.00
2	M	Dichlorodifluoromethane	20.000	20.296	-1.5	108	0.00
3	M	Chloromethane	20.000	21.196	-6.0	116	0.00
4	M	Vinyl Chloride	20.000	20.690	-3.5	116	0.00
5	M	Bromomethane	20.000	23.242	-16.2	131	0.00
6	M	Chloroethane	20.000	19.853	0.7	111	0.00
7	M	Trichlorofluoromethane	20.000	19.618	1.9	108	0.00
8	T	Diethyl Ether	20.000	20.015	-0.1	113	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.414	2.9	110	0.00
10	M	1,1-Dichloroethene	20.000	19.785	1.1	112	0.00
11		Methyl Iodide	20.000	18.526	7.4	106	0.00
12		Methyl Acetate	20.000	20.187	-0.9	114	0.00
13	M	Acrolein	100.000	101.885	-1.9	122	0.00
14	M	Acrylonitrile	100.000	102.596	-2.6	115	0.00
15	M	Acetone	100.000	96.266	3.7	93	0.00
16	M	Carbon Disulfide	20.000	20.926	-4.6	122	0.00
17		Allyl chloride	20.000	20.801	-4.0	114	0.00
18	M	Methylene Chloride	20.000	19.570	2.1	109	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.235	-1.2	115	0.00
20	T	Diisopropyl ether	20.000	20.248	-1.2	114	0.00
21	M	1,1-Dichloroethane	20.000	19.884	0.6	112	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.298	-1.5	115	0.00
23	M	tert-Butyl Alcohol	100.000	103.868	-3.9	115	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.097	-0.5	114	0.00
25	M	Chloroform	20.000	19.683	1.6	113	0.00
26		Cyclohexane	20.000	19.875	0.6	114	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.041	3.2	113	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	118	0.00
29		1,1-Dichloropropene	20.000	19.664	1.7	111	0.00
30	M	2-Butanone	100.000	98.252	1.7	106	0.00
31		2,2-Dichloropropane	20.000	19.973	0.1	113	0.00
32	M	1,1,1-Trichloroethane	20.000	19.962	0.2	113	0.00
33	M	Carbon Tetrachloride	20.000	19.432	2.8	112	0.00
34	M	Benzene	20.000	19.820	0.9	114	0.00
35		Methacrylonitrile	20.000	21.183	-5.9	119	0.00
36	M	1,2-Dichloroethane	20.000	19.208	4.0	109	0.00
37	M	Trichloroethene	20.000	19.795	1.0	113	0.00
38		Methylcyclohexane	20.000	19.924	0.4	115	0.00
39	M	1,2-Dichloropropane	20.000	20.034	-0.2	115	0.00
40		Dibromomethane	20.000	19.884	0.6	112	0.00
41	M	Bromodichloromethane	20.000	19.691	1.5	111	0.00
42	M	Vinyl Acetate	100.000	101.766	-1.8	117	0.00
43		Ethyl Acetate	20.000	19.980	0.1	109	0.00
44		Isopropyl Acetate	20.000	20.166	-0.8	114	0.00
45	T	1,4-Dioxane	400.000	412.049	-3.0	114	0.00

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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)
46		Methyl methacrylate	20.000	20.137	-0.7	118	0.00
47		n-amyl Acetate	20.000	19.682	1.6	125	0.00
48	M	t-1,3-Dichloropropene	20.000	19.782	1.1	115	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.047	-0.2	116	0.00
50	M	1,1,2-Trichloroethane	20.000	19.868	0.7	113	0.00
51		Ethyl methacrylate	20.000	20.467	-2.3	121	0.00
52		1,3-Dichloropropane	20.000	19.886	0.6	113	0.00
53	M	Dibromochloromethane	20.000	19.679	1.6	114	0.00
54	M	1,2-Dibromoethane	20.000	19.945	0.3	115	0.00
55	M	2-Chloroethyl vinyl ether	100.000	92.968	7.0	125	0.00
56	M	Bromoform	20.000	19.363	3.2	116	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	117	0.00
58	M	4-Methyl-2-Pentanone	100.000	103.694	-3.7	116	0.00
59	M	2-Hexanone	100.000	103.161	-3.2	114	0.00
60	S	4-Bromofluorobenzene	30.000	28.260	5.8	114	0.00
61	M	Tetrachloroethene	20.000	19.958	0.2	110	0.00
62	M	Toluene	20.000	19.922	0.4	113	0.00
63	S	Toluene-d8	30.000	30.265	-0.9	118	0.00
64	M	Chlorobenzene	20.000	20.149	-0.7	116	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.210	-1.1	117	0.00
66	M	Ethyl Benzene	20.000	19.983	0.1	114	0.00
67	M	m/p-Xylenes	40.000	40.022	-0.1	114	0.00
68	M	o-Xylene	20.000	20.265	-1.3	115	0.00
69	M	Styrene	20.000	19.739	1.3	115	0.00
70		Isopropylbenzene	20.000	20.242	-1.2	115	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.436	-2.2	116	0.00
72		1,2,3-Trichloropropane	20.000	19.264	3.7	110	0.00
73		Bromobenzene	20.000	19.905	0.5	118	0.00
74		n-propylbenzene	20.000	19.468	2.7	116	0.00
75		2-Chlorotoluene	20.000	20.010	-0.1	116	0.00
76		1,3,5-Trimethylbenzene	20.000	19.998	0.0	114	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.410	2.9	121	0.00
78		4-Chlorotoluene	20.000	19.570	2.1	119	0.00
79		tert-butylbenzene	20.000	20.325	-1.6	116	0.00
80		1,2,4-Trimethylbenzene	20.000	20.014	-0.1	117	0.00
81		sec-Butylbenzene	20.000	19.379	3.1	113	0.00
82		p-Isopropyltoluene	20.000	19.079	4.6	117	0.00
83	M	1,3-Dichlorobenzene	20.000	19.125	4.4	119	0.00
84	M	1,4-Dichlorobenzene	20.000	18.607	7.0	120	0.00
85		n-Butylbenzene	20.000	19.591	2.0	124	0.00
86	T	Hexachloroethane	20.000	19.037	4.8	114	0.00
87	M	1,2-Dichlorobenzene	20.000	19.413	2.9	116	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.438	2.8	121	0.00
89		1,2,4-Trichlorobenzene	20.000	23.197	-16.0	170	0.00
90		Hexachlorobutadiene	20.000	19.838	0.8	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	22.699	-13.5	199	0.00
92	1,2,3-Trichlorobenzene	20.000	26.875	-34.4#	192	0.00

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