Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070919\
Data File : VN056631.D
Acq On : 9 Jul 2019 16:12
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jul 10 01:51:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 11:05:14 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	108	0.00
2	M	Dichlorodifluoromethane	20.000	19.907	0.5	107	0.00
3	M	Chloromethane	20.000	18.246	8.8	101	0.00
4	M	Vinyl Chloride	20.000	19.469	2.7	109	0.00
5	M	Bromomethane	20.000	17.841	10.8	92	0.00
6	M	Chloroethane	20.000	19.733	1.3	109	0.00
7	M	Trichlorofluoromethane	20.000	19.971	0.1	109	0.00
8	T	Diethyl Ether	20.000	18.935	5.3	105	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.879	0.6	110	0.00
10	M	1,1-Dichloroethene	20.000	18.910	5.4	104	0.00
11		Methyl Iodide	20.000	11.063	44.7#	65	0.00
12		Methyl Acetate	20.000	17.925	10.4	105	0.00
13	M	Acrolein	100.000	79.368	20.6	89	0.00
14	M	Acrylonitrile	100.000	90.802	9.2	101	0.00
15	M	Acetone	100.000	100.650	-0.7	108	0.00
16	M	Carbon Disulfide	20.000	18.860	5.7	110	0.00
17		Allyl chloride	20.000	19.131	4.3	109	0.00
18	M	Methylene Chloride	20.000	19.419	2.9	108	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.172	4.1	106	0.00
20	T	Diisopropyl ether	20.000	19.074	4.6	105	0.00
21	M	1,1-Dichloroethane	20.000	19.216	3.9	106	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.809	6.0	105	0.00
23	M	tert-Butyl Alcohol	100.000	80.401	19.6	98	0.00
24	M	Methyl tert-Butyl Ether	20.000	18.846	5.8	106	0.00
25	M	Chloroform	20.000	19.457	2.7	107	0.00
26		Cyclohexane	20.000	18.926	5.4	106	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.935	0.2	107	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29		1,1-Dichloropropene	20.000	18.772	6.1	106	0.00
30	M	2-Butanone	100.000	87.547	12.5	97	0.00
31		2,2-Dichloropropane	20.000	19.062	4.7	110	0.00
32	M	1,1,1-Trichloroethane	20.000	18.995	5.0	107	0.00
33	M	Carbon Tetrachloride	20.000	18.767	6.2	108	0.00
34	M	Benzene	20.000	18.993	5.0	107	0.00
35		Methacrylonitrile	20.000	17.479	12.6	93	0.00
36	M	1,2-Dichloroethane	20.000	19.237	3.8	108	0.00
37	M	Trichloroethene	20.000	19.104	4.5	109	0.00
38		Methylcyclohexane	20.000	19.267	3.7	110	0.00
39	M	1,2-Dichloropropane	20.000	19.136	4.3	107	0.00
40		Dibromomethane	20.000	18.913	5.4	106	0.00
41	M	Bromodichloromethane	20.000	19.223	3.9	111	0.00
42	M	Vinyl Acetate	100.000	93.045	7.0	105	0.00
43		Ethyl Acetate	20.000	17.830	10.9	100	0.00
44		Isopropyl Acetate	20.000	17.658	11.7	101	0.00
45	T	1,4-Dioxane	400.000	354.480	11.4	99	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 11:05:14 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)
46		Methyl methacrylate	20.000	17.803	11.0	104	0.00
47		n-amyl Acetate	20.000	17.265	13.7	102	0.00
48	M	t-1,3-Dichloropropene	20.000	18.553	7.2	111	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.136	4.3	112	0.00
50	M	1,1,2-Trichloroethane	20.000	19.402	3.0	109	0.00
51		Ethyl methacrylate	20.000	17.966	10.2	102	0.00
52		1,3-Dichloropropane	20.000	19.241	3.8	109	0.00
53	M	Dibromochloromethane	20.000	18.800	6.0	110	0.00
54	M	1,2-Dibromoethane	20.000	18.825	5.9	108	0.00
55	M	2-Chloroethyl vinyl ether	100.000	91.621	8.4	104	0.00
56	M	Bromoform	20.000	17.884	10.6	110	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58	M	4-Methyl-2-Pentanone	100.000	88.953	11.0	101	0.00
59	M	2-Hexanone	100.000	85.848	14.2	98	0.00
60	S	4-Bromofluorobenzene	30.000	30.152	-0.5	115	0.00
61	M	Tetrachloroethene	20.000	19.920	0.4	112	0.00
62	M	Toluene	20.000	19.236	3.8	109	0.00
63	S	Toluene-d8	30.000	30.121	-0.4	110	0.00
64	M	Chlorobenzene	20.000	19.157	4.2	110	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.111	4.4	112	0.00
66	M	Ethyl Benzene	20.000	18.928	5.4	109	0.00
67	M	m/p-Xylenes	40.000	39.071	2.3	112	0.00
68	M	o-Xylene	20.000	18.921	5.4	109	0.00
69	M	Styrene	20.000	18.931	5.3	109	0.00
70		Isopropylbenzene	20.000	19.423	2.9	111	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.483	7.6	106	0.00
72		1,2,3-Trichloropropane	20.000	18.531	7.3	102	0.00
73		Bromobenzene	20.000	19.549	2.3	113	0.00
74		n-propylbenzene	20.000	19.109	4.5	112	0.00
75		2-Chlorotoluene	20.000	19.287	3.6	111	0.00
76		1,3,5-Trimethylbenzene	20.000	19.443	2.8	112	0.00
77		t-1,4-Dichloro-2-butene	20.000	16.253	18.7	105	0.00
78		4-Chlorotoluene	20.000	19.163	4.2	111	0.00
79		tert-butylbenzene	20.000	19.630	1.9	114	0.00
80		1,2,4-Trimethylbenzene	20.000	19.662	1.7	114	0.00
81		sec-Butylbenzene	20.000	19.583	2.1	114	0.00
82		p-Isopropyltoluene	20.000	19.767	1.2	115	0.00
83	M	1,3-Dichlorobenzene	20.000	19.470	2.7	116	0.00
84	M	1,4-Dichlorobenzene	20.000	18.967	5.2	113	0.00
85		n-Butylbenzene	20.000	19.062	4.7	115	0.00
86	T	Hexachloroethane	20.000	18.701	6.5	116	0.00
87	M	1,2-Dichlorobenzene	20.000	19.597	2.0	113	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	15.791	21.0	98	0.00
89		1,2,4-Trichlorobenzene	20.000	17.056	14.7	112	0.00
90		Hexachlorobutadiene	20.000	19.823	0.9	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.965	25.2	99	0.00
92	1,2,3-Trichlorobenzene	20.000	17.125	14.4	109	0.00

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