Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071819\
Data File : VN056809.D
Acq On : 18 Jul 2019 12:52
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jul 19 05:53:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 12 23:58:13 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	86	0.00
2	M	Dichlorodifluoromethane	20.000	20.430	-2.1	84	0.00
3	M	Chloromethane	20.000	20.172	-0.9	84	0.00
4	M	Vinyl Chloride	20.000	20.025	-0.1	84	0.00
5	M	Bromomethane	20.000	19.728	1.4	85	0.00
6	M	Chloroethane	20.000	19.779	1.1	84	0.00
7	M	Trichlorofluoromethane	20.000	20.351	-1.8	84	0.00
8	T	Diethyl Ether	20.000	19.813	0.9	85	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.194	-1.0	84	0.00
10	M	1,1-Dichloroethene	20.000	19.913	0.4	86	0.00
11		Methyl Iodide	20.000	18.531	7.3	81	0.00
12		Methyl Acetate	20.000	18.703	6.5	87	0.00
13	M	Acrolein	100.000	112.087	-12.1	107	0.00
14	M	Acrylonitrile	100.000	100.574	-0.6	89	0.00
15	M	Acetone	100.000	91.689	8.3	67	0.00
16	M	Carbon Disulfide	20.000	18.679	6.6	83	0.00
17		Allyl chloride	20.000	19.366	3.2	85	0.00
18	M	Methylene Chloride	20.000	19.923	0.4	85	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.636	1.8	84	0.00
20	T	Diisopropyl ether	20.000	20.374	-1.9	87	0.00
21	M	1,1-Dichloroethane	20.000	20.269	-1.3	87	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.093	-0.5	86	0.00
23	M	tert-Butyl Alcohol	100.000	101.548	-1.5	89	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.147	-0.7	88	0.00
25	M	Chloroform	20.000	20.526	-2.6	87	0.00
26		Cyclohexane	20.000	19.468	2.7	82	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.696	1.0	86	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29		1,1-Dichloropropene	20.000	20.056	-0.3	83	0.00
30	M	2-Butanone	100.000	97.385	2.6	77	0.00
31		2,2-Dichloropropane	20.000	20.886	-4.4	88	0.00
32	M	1,1,1-Trichloroethane	20.000	20.728	-3.6	87	0.00
33	M	Carbon Tetrachloride	20.000	20.435	-2.2	86	0.00
34	M	Benzene	20.000	20.758	-3.8	86	0.00
35		Methacrylonitrile	20.000	19.039	4.8	91	0.00
36	M	1,2-Dichloroethane	20.000	20.776	-3.9	86	0.00
37	M	Trichloroethene	20.000	20.287	-1.4	85	0.00
38		Methylcyclohexane	20.000	19.544	2.3	81	0.00
39	M	1,2-Dichloropropane	20.000	20.758	-3.8	86	0.00
40		Dibromomethane	20.000	20.663	-3.3	87	0.00
41	M	Bromodichloromethane	20.000	20.399	-2.0	86	0.00
42	M	Vinyl Acetate	100.000	102.904	-2.9	86	0.00
43		Ethyl Acetate	20.000	20.168	-0.8	84	0.00
44		Isopropyl Acetate	20.000	19.801	1.0	86	0.00
45	T	1,4-Dioxane	400.000	427.481	-6.9	87	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.805	1.0	84	0.00
47		n-amyl Acetate	20.000	18.837	5.8	84	0.00
48	M	t-1,3-Dichloropropene	20.000	19.684	1.6	87	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.320	-1.6	88	0.00
50	M	1,1,2-Trichloroethane	20.000	21.127	-5.6	90	0.00
51		Ethyl methacrylate	20.000	19.899	0.5	86	0.00
52		1,3-Dichloropropane	20.000	21.097	-5.5	87	0.00
53	M	Dibromochloromethane	20.000	20.383	-1.9	89	0.00
54	M	1,2-Dibromoethane	20.000	20.447	-2.2	87	0.00
55	M	2-Chloroethyl vinyl ether	100.000	95.581	4.4	82	0.00
56	M	Bromoform	20.000	19.728	1.4	89	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58	M	4-Methyl-2-Pentanone	100.000	103.757	-3.8	87	0.00
59	M	2-Hexanone	100.000	98.860	1.1	80	0.00
60	S	4-Bromofluorobenzene	30.000	30.102	-0.3	85	0.00
61	M	Tetrachloroethene	20.000	22.034	-10.2	89	0.00
62	M	Toluene	20.000	20.825	-4.1	86	0.00
63	S	Toluene-d8	30.000	30.367	-1.2	83	0.00
64	M	Chlorobenzene	20.000	20.485	-2.4	86	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.288	-6.4	89	0.00
66	M	Ethyl Benzene	20.000	20.210	-1.1	84	0.00
67	M	m/p-Xylenes	40.000	40.802	-2.0	84	0.00
68	M	o-Xylene	20.000	20.580	-2.9	87	0.00
69	M	Styrene	20.000	19.842	0.8	84	0.00
70		Isopropylbenzene	20.000	20.501	-2.5	84	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.966	-4.8	88	0.00
72		1,2,3-Trichloropropane	20.000	21.478	-7.4	89	0.00
73		Bromobenzene	20.000	20.223	-1.1	85	0.00
74		n-propylbenzene	20.000	19.881	0.6	82	0.00
75		2-Chlorotoluene	20.000	19.965	0.2	82	0.00
76		1,3,5-Trimethylbenzene	20.000	20.388	-1.9	83	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.293	8.5	84	0.00
78		4-Chlorotoluene	20.000	19.432	2.8	81	0.00
79		tert-butylbenzene	20.000	20.506	-2.5	85	0.00
80		1,2,4-Trimethylbenzene	20.000	20.162	-0.8	83	0.00
81		sec-Butylbenzene	20.000	19.982	0.1	82	0.00
82		p-Isopropyltoluene	20.000	20.009	-0.0	82	0.00
83	M	1,3-Dichlorobenzene	20.000	19.264	3.7	82	0.00
84	M	1,4-Dichlorobenzene	20.000	18.563	7.2	80	0.00
85		n-Butylbenzene	20.000	18.277	8.6	77	0.00
86	T	Hexachloroethane	20.000	20.298	-1.5	87	0.00
87	M	1,2-Dichlorobenzene	20.000	19.782	1.1	84	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.994	5.0	85	0.00
89		1,2,4-Trichlorobenzene	20.000	15.545	22.3	74	0.00
90		Hexachlorobutadiene	20.000	20.236	-1.2	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.190	29.1	72	0.00
92	1,2,3-Trichlorobenzene	20.000	16.015	19.9	75	0.00

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