Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX123019\
Data File : VX014344.D
Acq On : 30 Dec 2019 10:22
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Dec 31 04:45:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 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	109	0.00
2	M	Dichlorodifluoromethane	20.000	18.621	6.9	105	0.00
3	M	Chloromethane	20.000	18.931	5.3	103	0.00
4	M	Vinyl Chloride	20.000	19.163	4.2	107	0.00
5	M	Bromomethane	20.000	16.075	19.6	92	0.00
6	M	Chloroethane	20.000	20.711	-3.6	118	0.01
7	M	Trichlorofluoromethane	20.000	19.438	2.8	108	0.00
8	T	Diethyl Ether	20.000	18.887	5.6	105	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.102	-0.5	113	0.00
10	M	1,1-Dichloroethene	20.000	19.137	4.3	108	0.00
11		Methyl Iodide	20.000	15.877	20.6	94	0.00
12		Methyl Acetate	20.000	18.804	6.0	104	0.00
13	M	Acrolein	100.000	119.656	-19.7	124	0.00
14	M	Acrylonitrile	100.000	94.625	5.4	107	0.00
15	M	Acetone	100.000	124.263	-24.3	143	0.00
16	M	Carbon Disulfide	20.000	19.858	0.7	115	0.00
17		Allyl chloride	20.000	19.992	0.0	112	0.00
18	M	Methylene Chloride	20.000	17.937	10.3	100	0.00
19	M	trans-1,2-Dichloroethene	20.000	18.990	5.1	108	0.00
20	T	Diisopropyl ether	20.000	19.710	1.4	109	0.00
21	M	1,1-Dichloroethane	20.000	18.956	5.2	106	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.621	6.9	105	0.00
23	M	tert-Butyl Alcohol	100.000	99.933	0.1	111	-0.02
24	M	Methyl tert-Butyl Ether	20.000	18.768	6.2	105	0.00
25	M	Chloroform	20.000	19.074	4.6	105	0.00
26		Cyclohexane	20.000	19.699	1.5	109	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.133	-0.4	109	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29		1,1-Dichloropropene	20.000	19.343	3.3	110	0.00
30	M	2-Butanone	100.000	105.094	-5.1	121	0.00
31		2,2-Dichloropropane	20.000	22.191	-11.0	126	0.00
32	M	1,1,1-Trichloroethane	20.000	18.379	8.1	106	0.00
33	M	Carbon Tetrachloride	20.000	18.841	5.8	109	0.00
34	M	Benzene	20.000	18.944	5.3	106	0.00
35		Methacrylonitrile	20.000	19.086	4.6	107	0.00
36	M	1,2-Dichloroethane	20.000	18.308	8.5	106	0.00
37	M	Trichloroethene	20.000	18.076	9.6	103	0.00
38		Methylcyclohexane	20.000	20.487	-2.4	118	0.00
39	M	1,2-Dichloropropane	20.000	18.573	7.1	105	0.00
40		Dibromomethane	20.000	18.744	6.3	106	0.00
41	M	Bromodichloromethane	20.000	18.949	5.3	110	0.00
42	M	Vinyl Acetate	100.000	98.786	1.2	110	0.00
43		Ethyl Acetate	20.000	18.820	5.9	107	-0.01
44		Isopropyl Acetate	20.000	18.604	7.0	109	0.00
45	T	1,4-Dioxane	400.000	389.703	2.6	105	0.00

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ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Dec 31 04:45:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 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	18.666	6.7	107	0.00
47		n-amyl Acetate	20.000	17.854	10.7	105	0.00
48	M	t-1,3-Dichloropropene	20.000	19.198	4.0	117	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.205	4.0	113	0.00
50	M	1,1,2-Trichloroethane	20.000	18.564	7.2	105	0.00
51		Ethyl methacrylate	20.000	17.724	11.4	104	0.00
52		1,3-Dichloropropane	20.000	18.614	6.9	104	0.00
53	M	Dibromochloromethane	20.000	18.479	7.6	110	0.00
54	M	1,2-Dibromoethane	20.000	18.710	6.4	107	0.00
55	M	2-Chloroethyl vinyl ether	100.000	85.238	14.8	96	0.00
56	M	Bromoform	20.000	17.890	10.5	110	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58	M	4-Methyl-2-Pentanone	100.000	94.749	5.3	106	0.00
59	M	2-Hexanone	100.000	99.621	0.4	112	0.00
60	S	4-Bromofluorobenzene	30.000	29.954	0.2	111	0.00
61	M	Tetrachloroethene	20.000	20.049	-0.2	116	0.00
62	M	Toluene	20.000	19.171	4.1	107	0.00
63	S	Toluene-d8	30.000	30.568	-1.9	110	0.00
64	M	Chlorobenzene	20.000	18.682	6.6	104	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.618	6.9	107	0.00
66	M	Ethyl Benzene	20.000	19.158	4.2	107	0.00
67	M	m/p-Xylenes	40.000	37.908	5.2	106	0.00
68	M	o-Xylene	20.000	18.371	8.1	103	0.00
69	M	Styrene	20.000	18.402	8.0	106	0.00
70		Isopropylbenzene	20.000	18.944	5.3	106	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	17.627	11.9	99	0.00
72		1,2,3-Trichloropropane	20.000	16.708	16.5	93	0.00
73		Bromobenzene	20.000	18.251	8.7	104	0.00
74		n-propylbenzene	20.000	19.394	3.0	110	0.00
75		2-Chlorotoluene	20.000	19.022	4.9	107	0.00
76		1,3,5-Trimethylbenzene	20.000	18.668	6.7	106	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.636	1.8	124	0.00
78		4-Chlorotoluene	20.000	18.791	6.0	107	0.00
79		tert-butylbenzene	20.000	18.181	9.1	103	0.00
80		1,2,4-Trimethylbenzene	20.000	18.467	7.7	104	0.00
81		sec-Butylbenzene	20.000	19.257	3.7	110	0.00
82		p-Isopropyltoluene	20.000	19.156	4.2	110	0.00
83	M	1,3-Dichlorobenzene	20.000	18.395	8.0	107	0.00
84	M	1,4-Dichlorobenzene	20.000	18.593	7.0	108	0.00
85		n-Butylbenzene	20.000	19.741	1.3	119	0.00
86	T	Hexachloroethane	20.000	18.191	9.0	113	0.00
87	M	1,2-Dichlorobenzene	20.000	18.293	8.5	107	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.575	12.1	101	0.00
89		1,2,4-Trichlorobenzene	20.000	18.863	5.7	115	0.00
90		Hexachlorobutadiene	20.000	20.155	-0.8	117	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.374	8.1	111	0.00
92	1,2,3-Trichlorobenzene	20.000	18.392	8.0	112	0.00

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