Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112020\
Data File : VX019473.D
Acq On : 19 Nov 2020 18:08
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX112020

Quant Time: Nov 20 01:58:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
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	111	0.00
2	M	Dichlorodifluoromethane	20.000	18.609	7.0	100	0.00
3	M	Chloromethane	20.000	19.709	1.5	107	0.00
4	M	Vinyl Chloride	20.000	18.794	6.0	105	0.00
5	M	Bromomethane	20.000	20.721	-3.6	112	0.00
6	M	Chloroethane	20.000	20.241	-1.2	87	0.00
7	M	Trichlorofluoromethane	20.000	18.195	9.0	103	0.00
8	T	Diethyl Ether	20.000	18.171	9.1	104	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	18.084	9.6	103	0.00
10	M	1,1-Dichloroethene	20.000	18.125	9.4	103	0.00
11		Methyl Iodide	20.000	15.711	21.4	95	0.00
12		Methyl Acetate	20.000	19.118	4.4	110	0.00
13	M	Acrolein	100.000	88.813	11.2	107	0.00
14	M	Acrylonitrile	100.000	96.024	4.0	110	0.00
15	M	Acetone	100.000	92.013	8.0	105	0.00
16	M	Carbon Disulfide	20.000	19.675	1.6	117	0.00
17		Allyl chloride	20.000	18.840	5.8	111	0.00
18	M	Methylene Chloride	20.000	18.291	8.5	102	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.066	4.7	111	0.00
20	T	Diisopropyl ether	20.000	18.606	7.0	108	0.00
21	M	1,1-Dichloroethane	20.000	18.274	8.6	105	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.685	6.6	109	0.00
23	M	tert-Butyl Alcohol	100.000	102.020	-2.0	107	0.00
24	M	Methyl tert-Butyl Ether	20.000	18.821	5.9	110	0.00
25	M	Chloroform	20.000	18.443	7.8	106	0.00
26		Cyclohexane	20.000	18.324	8.4	107	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.295	-1.0	110	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	114	0.00
29		1,1-Dichloropropene	20.000	18.239	8.8	110	0.00
30	M	2-Butanone	100.000	93.759	6.2	109	0.00
31		2,2-Dichloropropane	20.000	17.675	11.6	104	0.00
32	M	1,1,1-Trichloroethane	20.000	17.903	10.5	106	0.00
33	M	Carbon Tetrachloride	20.000	17.741	11.3	107	0.00
34	M	Benzene	20.000	18.083	9.6	106	0.00
35		Methacrylonitrile	20.000	19.028	4.9	113	0.00
36	M	1,2-Dichloroethane	20.000	17.707	11.5	103	0.00
37	M	Trichloroethene	20.000	18.150	9.3	107	0.00
38		Methylcyclohexane	20.000	17.865	10.7	108	0.00
39	M	1,2-Dichloropropane	20.000	18.229	8.9	105	0.00
40		Dibromomethane	20.000	18.416	7.9	105	0.00
41	M	Bromodichloromethane	20.000	17.668	11.7	106	0.00
42	M	Vinyl Acetate	100.000	91.876	8.1	110	0.00
43		Ethyl Acetate	20.000	18.750	6.3	112	0.00
44		Isopropyl Acetate	20.000	18.397	8.0	110	0.00
45	T	1,4-Dioxane	400.000	390.000	2.5	115	0.00

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ClientSampleId : ICVVX112020

Quant Time: Nov 20 01:58:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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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	18.607	7.0	112	0.00
47		n-amyl Acetate	20.000	18.318	8.4	112	0.00
48	M	t-1,3-Dichloropropene	20.000	18.319	8.4	110	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.122	9.4	109	0.00
50	M	1,1,2-Trichloroethane	20.000	18.226	8.9	103	0.00
51		Ethyl methacrylate	20.000	18.603	7.0	113	0.00
52		1,3-Dichloropropane	20.000	18.298	8.5	105	0.00
53	M	Dibromochloromethane	20.000	18.268	8.7	109	0.00
54	M	1,2-Dibromoethane	20.000	18.456	7.7	106	0.00
55	M	2-Chloroethyl vinyl ether	100.000	93.830	6.2	110	0.00
56	M	Bromoform	20.000	17.902	10.5	111	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58	M	4-Methyl-2-Pentanone	100.000	93.984	6.0	110	0.00
59	M	2-Hexanone	100.000	92.654	7.3	109	0.00
60	S	4-Bromofluorobenzene	30.000	30.365	-1.2	114	0.00
61	M	Tetrachloroethene	20.000	18.123	9.4	100	0.00
62	M	Toluene	20.000	18.051	9.7	106	0.00
63	S	Toluene-d8	30.000	29.526	1.6	109	0.00
64	M	Chlorobenzene	20.000	18.662	6.7	108	0.00
65		1,1,1,2-Tetrachloroethane	20.000	17.907	10.5	106	0.00
66	M	Ethyl Benzene	20.000	18.149	9.3	106	0.00
67	M	m/p-Xylenes	40.000	37.062	7.3	108	0.00
68	M	o-Xylene	20.000	18.715	6.4	110	0.00
69	M	Styrene	20.000	18.477	7.6	109	0.00
70		Isopropylbenzene	20.000	18.587	7.1	108	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.102	9.5	106	0.00
72		1,2,3-Trichloropropane	20.000	18.440	7.8	108	0.00
73		Bromobenzene	20.000	18.296	8.5	108	0.00
74		n-propylbenzene	20.000	18.520	7.4	109	0.00
75		2-Chlorotoluene	20.000	18.677	6.6	108	0.00
76		1,3,5-Trimethylbenzene	20.000	18.435	7.8	109	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.926	10.4	116	0.00
78		4-Chlorotoluene	20.000	18.518	7.4	108	0.00
79		tert-butylbenzene	20.000	18.382	8.1	110	0.00
80		1,2,4-Trimethylbenzene	20.000	18.366	8.2	108	0.00
81		sec-Butylbenzene	20.000	18.362	8.2	107	0.00
82		p-Isopropyltoluene	20.000	18.241	8.8	108	0.00
83	M	1,3-Dichlorobenzene	20.000	17.984	10.1	105	0.00
84	M	1,4-Dichlorobenzene	20.000	18.755	6.2	109	0.00
85		n-Butylbenzene	20.000	17.694	11.5	108	0.00
86	T	Hexachloroethane	20.000	17.088	14.6	106	0.00
87	M	1,2-Dichlorobenzene	20.000	18.210	8.9	106	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.979	10.1	113	0.00
89		1,2,4-Trichlorobenzene	20.000	18.752	6.2	117	0.00
90		Hexachlorobutadiene	20.000	17.961	10.2	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.634	6.8	115	0.00
92	1,2,3-Trichlorobenzene	20.000	18.399	8.0	112	0.00

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