Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102620\
Data File : VX019121.D
Acq On : 26 Oct 2020 16:01
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Oct 27 05:26:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 11:58:08 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	94	0.00
2	M	Dichlorodifluoromethane	20.000	17.122	14.4	93	0.00
3	M	Chloromethane	20.000	17.997	10.0	96	0.00
4	M	Vinyl Chloride	20.000	17.780	11.1	95	0.00
5	M	Bromomethane	20.000	21.520	-7.6	102	0.00
6	M	Chloroethane	20.000	17.703	11.5	96	0.00
7	M	Trichlorofluoromethane	20.000	17.799	11.0	99	0.00
8	T	Diethyl Ether	20.000	18.652	6.7	101	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	18.806	6.0	103	0.00
10	M	1,1-Dichloroethene	20.000	18.169	9.2	100	0.00
11		Methyl Iodide	20.000	21.190	-6.0	143	0.00
12		Methyl Acetate	20.000	19.575	2.1	107	0.00
13	M	Acrolein	100.000	110.580	-10.6	157	-0.01
14	M	Acrylonitrile	100.000	95.575	4.4	106	0.00
15	M	Acetone	100.000	104.247	-4.2	124	0.00
16	M	Carbon Disulfide	20.000	15.408	23.0	84	0.00
17		Allyl chloride	20.000	18.789	6.1	105	0.00
18	M	Methylene Chloride	20.000	18.711	6.4	102	0.00
19	M	trans-1,2-Dichloroethene	20.000	17.705	11.5	97	0.00
20	T	Diisopropyl ether	20.000	18.783	6.1	104	0.00
21	M	1,1-Dichloroethane	20.000	18.882	5.6	103	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.367	8.2	101	-0.01
23	M	tert-Butyl Alcohol	100.000	102.545	-2.5	115	0.00
24	M	Methyl tert-Butyl Ether	20.000	18.768	6.2	104	0.00
25	M	Chloroform	20.000	19.028	4.9	105	0.00
26		Cyclohexane	20.000	17.377	13.1	96	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.498	-1.7	92	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29		1,1-Dichloropropene	20.000	17.754	11.2	100	0.00
30	M	2-Butanone	100.000	96.764	3.2	111	0.00
31		2,2-Dichloropropane	20.000	18.388	8.1	103	0.00
32	M	1,1,1-Trichloroethane	20.000	17.965	10.2	101	0.00
33	M	Carbon Tetrachloride	20.000	17.744	11.3	102	0.00
34	M	Benzene	20.000	18.030	9.8	101	0.00
35		Methacrylonitrile	20.000	18.474	7.6	100	-0.01
36	M	1,2-Dichloroethane	20.000	18.411	7.9	103	0.00
37	M	Trichloroethene	20.000	18.151	9.2	104	0.00
38		Methylcyclohexane	20.000	17.073	14.6	97	0.00
39	M	1,2-Dichloropropane	20.000	18.977	5.1	109	0.00
40		Dibromomethane	20.000	18.057	9.7	103	0.00
41	M	Bromodichloromethane	20.000	18.292	8.5	106	0.00
42	M	Vinyl Acetate	100.000	92.202	7.8	103	0.00
43		Ethyl Acetate	20.000	18.443	7.8	105	0.00
44		Isopropyl Acetate	20.000	18.373	8.1	105	0.00
45	T	1,4-Dioxane	400.000	400.350	-0.1	110	0.00

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ALS Vial : 7 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102320W.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	18.001	10.0	100	0.00
47		n-amyl Acetate	20.000	18.285	8.6	106	0.00
48	M	t-1,3-Dichloropropene	20.000	17.672	11.6	103	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.045	9.8	104	0.00
50	M	1,1,2-Trichloroethane	20.000	18.452	7.7	106	0.00
51		Ethyl methacrylate	20.000	17.679	11.6	103	0.00
52		1,3-Dichloropropane	20.000	18.499	7.5	105	0.00
53	M	Dibromochloromethane	20.000	17.714	11.4	108	0.00
54	M	1,2-Dibromoethane	20.000	18.020	9.9	103	0.00
55	M	2-Chloroethyl vinyl ether	100.000	92.726	7.3	93	0.00
56	M	Bromoform	20.000	17.153	14.2	107	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58	M	4-Methyl-2-Pentanone	100.000	95.918	4.1	106	0.00
59	M	2-Hexanone	100.000	96.282	3.7	105	0.00
60	S	4-Bromofluorobenzene	30.000	30.540	-1.8	98	0.00
61	M	Tetrachloroethene	20.000	19.072	4.6	106	0.00
62	M	Toluene	20.000	17.825	10.9	101	0.00
63	S	Toluene-d8	30.000	30.150	-0.5	94	0.00
64	M	Chlorobenzene	20.000	18.517	7.4	107	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.052	9.7	105	0.00
66	M	Ethyl Benzene	20.000	18.294	8.5	104	0.00
67	M	m/p-Xylenes	40.000	36.551	8.6	105	0.00
68	M	o-Xylene	20.000	18.231	8.8	107	0.00
69	M	Styrene	20.000	18.093	9.5	107	0.00
70		Isopropylbenzene	20.000	18.713	6.4	109	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.332	-1.7	116	0.00
72		1,2,3-Trichloropropane	20.000	20.572	-2.9	114	0.00
73		Bromobenzene	20.000	18.318	8.4	107	0.00
74		n-propylbenzene	20.000	18.684	6.6	108	0.00
75		2-Chlorotoluene	20.000	19.238	3.8	112	0.00
76		1,3,5-Trimethylbenzene	20.000	18.834	5.8	111	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.773	11.1	106	0.00
78		4-Chlorotoluene	20.000	19.067	4.7	111	0.00
79		tert-butylbenzene	20.000	19.042	4.8	111	0.00
80		1,2,4-Trimethylbenzene	20.000	18.942	5.3	110	0.00
81		sec-Butylbenzene	20.000	19.199	4.0	112	0.00
82		p-Isopropyltoluene	20.000	19.292	3.5	114	0.00
83	M	1,3-Dichlorobenzene	20.000	19.677	1.6	115	0.00
84	M	1,4-Dichlorobenzene	20.000	19.693	1.5	116	0.00
85		n-Butylbenzene	20.000	19.341	3.3	114	0.00
86	T	Hexachloroethane	20.000	18.256	8.7	114	0.00
87	M	1,2-Dichlorobenzene	20.000	19.878	0.6	116	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.418	7.9	109	0.00
89		1,2,4-Trichlorobenzene	20.000	18.971	5.1	114	0.00
90		Hexachlorobutadiene	20.000	20.112	-0.6	122	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.442	7.8	110	0.00
92	1,2,3-Trichlorobenzene	20.000	19.555	2.2	117	0.00

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