Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX020720\
Data File : VX014874.D
Acq On : 07 Feb 2020 16:25
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Feb 07 22:55:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 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	89	0.00
2	M	Dichlorodifluoromethane	20.000	20.774	-3.9	92	0.00
3	M	Chloromethane	20.000	17.924	10.4	80	0.00
4	M	Vinyl Chloride	20.000	19.075	4.6	86	0.00
5	M	Bromomethane	20.000	12.734	36.3#	69	0.01
6	M	Chloroethane	20.000	20.278	-1.4	90	0.02
7	M	Trichlorofluoromethane	20.000	21.058	-5.3	99	0.01
8	T	Diethyl Ether	20.000	20.455	-2.3	97	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.540	-7.7	100	0.01
10	M	1,1-Dichloroethene	20.000	20.442	-2.2	97	0.00
11		Methyl Iodide	20.000	7.651	61.7#	37	0.00
12		Methyl Acetate	20.000	20.467	-2.3	94	0.00
13	M	Acrolein	100.000	90.410	9.6	84	0.00
14	M	Acrylonitrile	100.000	95.673	4.3	87	0.00
15	M	Acetone	100.000	78.406	21.6	69	0.00
16	M	Carbon Disulfide	20.000	18.992	5.0	91	0.00
17		Allyl chloride	20.000	18.945	5.3	91	0.00
18	M	Methylene Chloride	20.000	20.240	-1.2	94	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.633	-3.2	97	0.00
20	T	Diisopropyl ether	20.000	20.416	-2.1	95	0.00
21	M	1,1-Dichloroethane	20.000	19.762	1.2	93	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.901	-4.5	99	0.00
23	M	tert-Butyl Alcohol	100.000	91.363	8.6	88	-0.02
24	M	Methyl tert-Butyl Ether	20.000	21.561	-7.8	101	0.00
25	M	Chloroform	20.000	21.203	-6.0	100	0.00
26		Cyclohexane	20.000	19.492	2.5	92	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.765	-2.6	92	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29		1,1-Dichloropropene	20.000	20.767	-3.8	102	0.00
30	M	2-Butanone	100.000	86.882	13.1	82	0.00
31		2,2-Dichloropropane	20.000	20.920	-4.6	103	0.00
32	M	1,1,1-Trichloroethane	20.000	20.825	-4.1	103	0.00
33	M	Carbon Tetrachloride	20.000	20.856	-4.3	104	0.00
34	M	Benzene	20.000	19.759	1.2	95	0.00
35		Methacrylonitrile	20.000	19.017	4.9	91	0.00
36	M	1,2-Dichloroethane	20.000	20.565	-2.8	98	0.00
37	M	Trichloroethene	20.000	20.934	-4.7	101	0.00
38		Methylcyclohexane	20.000	19.769	1.2	96	0.00
39	M	1,2-Dichloropropane	20.000	19.174	4.1	93	0.00
40		Dibromomethane	20.000	20.247	-1.2	99	0.00
41	M	Bromodichloromethane	20.000	20.600	-3.0	103	0.00
42	M	Vinyl Acetate	100.000	99.239	0.8	97	0.00
43		Ethyl Acetate	20.000	19.285	3.6	91	0.00
44		Isopropyl Acetate	20.000	19.287	3.6	94	0.00
45	T	1,4-Dioxane	400.000	316.073	21.0	74	0.00

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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
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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.418	2.9	95	0.00
47		n-amyl Acetate	20.000	20.119	-0.6	104	0.00
48	M	t-1,3-Dichloropropene	20.000	21.026	-5.1	105	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.044	-0.2	100	0.00
50	M	1,1,2-Trichloroethane	20.000	20.382	-1.9	98	0.00
51		Ethyl methacrylate	20.000	19.699	1.5	101	0.00
52		1,3-Dichloropropane	20.000	20.238	-1.2	98	0.00
53	M	Dibromochloromethane	20.000	20.949	-4.7	106	0.00
54	M	1,2-Dibromoethane	20.000	21.144	-5.7	102	0.00
55	M	2-Chloroethyl vinyl ether	100.000	88.828	11.2	88	0.00
56	M	Bromoform	20.000	20.701	-3.5	105	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	100.000	93.938	6.1	91	0.00
59	M	2-Hexanone	100.000	91.058	8.9	88	0.00
60	S	4-Bromofluorobenzene	30.000	30.578	-1.9	98	0.00
61	M	Tetrachloroethene	20.000	18.949	5.3	93	0.00
62	M	Toluene	20.000	20.255	-1.3	100	0.00
63	S	Toluene-d8	30.000	29.067	3.1	92	0.00
64	M	Chlorobenzene	20.000	20.669	-3.3	102	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.557	-2.8	102	0.00
66	M	Ethyl Benzene	20.000	20.823	-4.1	104	0.00
67	M	m/p-Xylenes	40.000	41.845	-4.6	104	0.00
68	M	o-Xylene	20.000	20.496	-2.5	103	0.00
69	M	Styrene	20.000	20.575	-2.9	104	0.00
70		Isopropylbenzene	20.000	21.042	-5.2	106	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.056	-0.3	99	0.00
72		1,2,3-Trichloropropane	20.000	19.599	2.0	98	0.00
73		Bromobenzene	20.000	21.584	-7.9	108	0.00
74		n-propylbenzene	20.000	21.374	-6.9	109	0.00
75		2-Chlorotoluene	20.000	20.655	-3.3	104	0.00
76		1,3,5-Trimethylbenzene	20.000	21.081	-5.4	106	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.206	9.0	98	0.00
78		4-Chlorotoluene	20.000	21.329	-6.6	108	0.00
79		tert-butylbenzene	20.000	21.840	-9.2	111	0.00
80		1,2,4-Trimethylbenzene	20.000	21.284	-6.4	106	0.00
81		sec-Butylbenzene	20.000	21.222	-6.1	109	0.00
82		p-Isopropyltoluene	20.000	22.044	-10.2	112	0.00
83	M	1,3-Dichlorobenzene	20.000	22.062	-10.3	112	0.00
84	M	1,4-Dichlorobenzene	20.000	22.464	-12.3	116	0.00
85		n-Butylbenzene	20.000	22.249	-11.2	118	0.00
86	T	Hexachloroethane	20.000	19.389	3.1	103	0.00
87	M	1,2-Dichlorobenzene	20.000	21.785	-8.9	110	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.995	0.0	102	0.00
89		1,2,4-Trichlorobenzene	20.000	24.304	-21.5	127	0.00
90		Hexachlorobutadiene	20.000	23.030	-15.2	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	22.491	-12.5	115	0.00
92	1,2,3-Trichlorobenzene	20.000	23.375	-16.9	121	0.00

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