Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX111219\
Data File : VX013374.D
Acq On : 12 Nov 2019 09:58
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Nov 12 12:36:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 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	107	0.00
2	M	Dichlorodifluoromethane	20.000	18.003	10.0	100	0.00
3	M	Chloromethane	20.000	18.666	6.7	104	0.00
4	M	Vinyl Chloride	20.000	17.824	10.9	100	0.00
5	M	Bromomethane	20.000	17.603	12.0	111	0.00
6	M	Chloroethane	20.000	18.409	8.0	106	0.00
7	M	Trichlorofluoromethane	20.000	16.928	15.4	98	0.00
8	T	Diethyl Ether	20.000	17.565	12.2	102	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	17.487	12.6	100	0.00
10	M	1,1-Dichloroethene	20.000	17.458	12.7	101	0.00
11		Methyl Iodide	20.000	14.788	26.1	90	0.00
12		Methyl Acetate	20.000	17.316	13.4	99	0.00
13	M	Acrolein	100.000	89.592	10.4	103	0.00
14	M	Acrylonitrile	100.000	84.326	15.7	97	0.00
15	M	Acetone	100.000	99.572	0.4	101	0.00
16	M	Carbon Disulfide	20.000	17.371	13.1	102	0.00
17		Allyl chloride	20.000	17.564	12.2	101	0.00
18	M	Methylene Chloride	20.000	17.501	12.5	103	0.00
19	M	trans-1,2-Dichloroethene	20.000	17.896	10.5	105	0.00
20	T	Diisopropyl ether	20.000	17.860	10.7	103	0.00
21	M	1,1-Dichloroethane	20.000	17.799	11.0	103	0.00
22	M	cis-1,2-Dichloroethene	20.000	17.743	11.3	104	0.00
23	M	tert-Butyl Alcohol	100.000	83.125	16.9	101	0.00
24	M	Methyl tert-Butyl Ether	20.000	18.068	9.7	104	0.00
25	M	Chloroform	20.000	17.966	10.2	104	0.00
26		Cyclohexane	20.000	17.047	14.8	100	0.00
27	s	1,2-Dichloroethane-d4	30.000	28.522	4.9	105	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29		1,1-Dichloropropene	20.000	18.481	7.6	102	0.00
30	M	2-Butanone	100.000	96.897	3.1	100	0.00
31		2,2-Dichloropropane	20.000	19.241	3.8	103	0.00
32	M	1,1,1-Trichloroethane	20.000	18.586	7.1	101	0.00
33	M	Carbon Tetrachloride	20.000	18.054	9.7	97	0.00
34	M	Benzene	20.000	19.178	4.1	103	0.00
35		Methacrylonitrile	20.000	18.461	7.7	99	0.00
36	M	1,2-Dichloroethane	20.000	19.292	3.5	104	0.00
37	M	Trichloroethene	20.000	18.910	5.4	104	0.00
38		Methylcyclohexane	20.000	18.256	8.7	100	0.00
39	M	1,2-Dichloropropane	20.000	18.805	6.0	102	0.00
40		Dibromomethane	20.000	18.423	7.9	100	0.00
41	M	Bromodichloromethane	20.000	18.712	6.4	101	0.00
42	M	Vinyl Acetate	100.000	95.118	4.9	103	0.00
43		Ethyl Acetate	20.000	18.204	9.0	97	0.00
44		Isopropyl Acetate	20.000	18.414	7.9	101	0.00
45	T	1,4-Dioxane	400.000	374.339	6.4	103	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
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	18.523	7.4	103	0.00
47		n-amyl Acetate	20.000	18.525	7.4	104	0.00
48	M	t-1,3-Dichloropropene	20.000	18.687	6.6	106	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.084	4.6	105	0.00
50	M	1,1,2-Trichloroethane	20.000	18.354	8.2	98	0.00
51		Ethyl methacrylate	20.000	18.480	7.6	104	0.00
52		1,3-Dichloropropane	20.000	18.927	5.4	101	0.00
53	M	Dibromochloromethane	20.000	18.721	6.4	104	0.00
54	M	1,2-Dibromoethane	20.000	18.844	5.8	101	0.00
55	M	2-Chloroethyl vinyl ether	100.000	92.771	7.2	99	0.00
56	M	Bromoform	20.000	18.039	9.8	104	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	100.000	92.338	7.7	99	0.00
59	M	2-Hexanone	100.000	95.739	4.3	102	0.00
60	S	4-Bromofluorobenzene	30.000	30.247	-0.8	107	0.00
61	M	Tetrachloroethene	20.000	19.183	4.1	106	0.00
62	M	Toluene	20.000	19.033	4.8	102	0.00
63	S	Toluene-d8	30.000	30.516	-1.7	105	0.00
64	M	Chlorobenzene	20.000	19.131	4.3	106	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.595	7.0	103	0.00
66	M	Ethyl Benzene	20.000	18.911	5.4	103	0.00
67	M	m/p-Xylenes	40.000	37.854	5.4	104	0.00
68	M	o-Xylene	20.000	18.991	5.0	105	0.00
69	M	Styrene	20.000	18.823	5.9	104	0.00
70		Isopropylbenzene	20.000	19.034	4.8	104	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.661	6.7	102	0.00
72		1,2,3-Trichloropropane	20.000	20.861	-4.3	123	0.00
73		Bromobenzene	20.000	18.989	5.1	106	0.00
74		n-propylbenzene	20.000	19.024	4.9	105	0.00
75		2-Chlorotoluene	20.000	18.966	5.2	104	0.00
76		1,3,5-Trimethylbenzene	20.000	18.930	5.4	104	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.704	11.5	103	0.00
78		4-Chlorotoluene	20.000	18.606	7.0	104	0.00
79		tert-butylbenzene	20.000	18.393	8.0	101	0.00
80		1,2,4-Trimethylbenzene	20.000	19.021	4.9	105	0.00
81		sec-Butylbenzene	20.000	18.882	5.6	105	0.00
82		p-Isopropyltoluene	20.000	18.994	5.0	106	0.00
83	M	1,3-Dichlorobenzene	20.000	19.137	4.3	109	0.00
84	M	1,4-Dichlorobenzene	20.000	18.925	5.4	108	0.00
85		n-Butylbenzene	20.000	18.557	7.2	106	0.00
86	T	Hexachloroethane	20.000	18.162	9.2	107	0.00
87	M	1,2-Dichlorobenzene	20.000	19.108	4.5	107	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.606	12.0	102	0.00
89		1,2,4-Trichlorobenzene	20.000	18.629	6.9	107	0.00
90		Hexachlorobutadiene	20.000	18.184	9.1	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.609	7.0	105	0.00
92	1,2,3-Trichlorobenzene	20.000	18.502	7.5	105	0.00

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