Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX010920\
Data File : VX014487.D
Acq On : 09 Jan 2020 09:54
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Jan 09 14:39:54 2020
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	88	0.00
2	M	Dichlorodifluoromethane	20.000	20.821	-4.1	95	0.00
3	M	Chloromethane	20.000	20.189	-0.9	88	0.00
4	M	Vinyl Chloride	20.000	21.243	-6.2	96	0.00
5	M	Bromomethane	20.000	17.736	11.3	82	0.00
6	M	Chloroethane	20.000	23.415	-17.1	107	0.01
7	M	Trichlorofluoromethane	20.000	22.156	-10.8	99	0.00
8	T	Diethyl Ether	20.000	21.534	-7.7	97	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	22.579	-12.9	103	0.00
10	M	1,1-Dichloroethene	20.000	21.188	-5.9	97	0.00
11		Methyl Iodide	20.000	19.926	0.4	96	0.00
12		Methyl Acetate	20.000	20.927	-4.6	93	0.00
13	M	Acrolein	100.000	123.493	-23.5	103	0.00
14	M	Acrylonitrile	100.000	102.246	-2.2	93	0.00
15	M	Acetone	100.000	123.211	-23.2	114	0.00
16	M	Carbon Disulfide	20.000	21.190	-6.0	99	0.00
17		Allyl chloride	20.000	21.870	-9.4	99	0.00
18	M	Methylene Chloride	20.000	20.179	-0.9	91	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.072	-5.4	96	0.00
20	T	Diisopropyl ether	20.000	21.320	-6.6	95	0.00
21	M	1,1-Dichloroethane	20.000	21.018	-5.1	95	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.065	-5.3	95	0.00
23	M	tert-Butyl Alcohol	100.000	108.394	-8.4	97	-0.02
24	M	Methyl tert-Butyl Ether	20.000	21.175	-5.9	95	0.00
25	M	Chloroform	20.000	21.666	-8.3	96	0.00
26		Cyclohexane	20.000	21.788	-8.9	97	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.349	2.2	86	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29		1,1-Dichloropropene	20.000	21.049	-5.2	97	0.00
30	M	2-Butanone	100.000	110.998	-11.0	103	0.00
31		2,2-Dichloropropane	20.000	25.645	-28.2	117	0.00
32	M	1,1,1-Trichloroethane	20.000	21.071	-5.4	98	0.00
33	M	Carbon Tetrachloride	20.000	21.289	-6.4	99	0.00
34	M	Benzene	20.000	21.228	-6.1	96	0.00
35		Methacrylonitrile	20.000	19.826	0.9	89	0.00
36	M	1,2-Dichloroethane	20.000	20.352	-1.8	95	0.00
37	M	Trichloroethene	20.000	21.624	-8.1	99	0.00
38		Methylcyclohexane	20.000	22.675	-13.4	105	0.00
39	M	1,2-Dichloropropane	20.000	20.538	-2.7	94	0.00
40		Dibromomethane	20.000	20.814	-4.1	95	0.00
41	M	Bromodichloromethane	20.000	21.168	-5.8	99	0.00
42	M	Vinyl Acetate	100.000	106.545	-6.5	95	0.00
43		Ethyl Acetate	20.000	20.736	-3.7	95	-0.01
44		Isopropyl Acetate	20.000	20.223	-1.1	95	0.00
45	T	1,4-Dioxane	400.000	462.648	-15.7	101	0.00

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ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.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	20.065	-0.3	93	0.00
47		n-amyl Acetate	20.000	19.109	4.5	90	0.00
48	M	t-1,3-Dichloropropene	20.000	21.642	-8.2	106	0.00
49	T	cis-1,3-Dichloropropene	20.000	21.112	-5.6	100	0.00
50	M	1,1,2-Trichloroethane	20.000	20.968	-4.8	95	0.00
51		Ethyl methacrylate	20.000	20.145	-0.7	95	0.00
52		1,3-Dichloropropane	20.000	20.559	-2.8	93	0.00
53	M	Dibromochloromethane	20.000	21.400	-7.0	102	0.00
54	M	1,2-Dibromoethane	20.000	20.965	-4.8	97	0.00
55	M	2-Chloroethyl vinyl ether	100.000	100.356	-0.4	91	0.00
56	M	Bromoform	20.000	20.170	-0.9	100	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58	M	4-Methyl-2-Pentanone	100.000	100.361	-0.4	92	0.00
59	M	2-Hexanone	100.000	106.167	-6.2	98	0.00
60	S	4-Bromofluorobenzene	30.000	29.983	0.1	91	0.00
61	M	Tetrachloroethene	20.000	24.229	-21.1	115	0.00
62	M	Toluene	20.000	21.141	-5.7	96	0.00
63	S	Toluene-d8	30.000	29.972	0.1	88	0.00
64	M	Chlorobenzene	20.000	21.290	-6.4	97	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.804	-4.0	98	0.00
66	M	Ethyl Benzene	20.000	21.291	-6.5	98	0.00
67	M	m/p-Xylenes	40.000	43.033	-7.6	98	0.00
68	M	o-Xylene	20.000	20.712	-3.6	95	0.00
69	M	Styrene	20.000	20.524	-2.6	97	0.00
70		Isopropylbenzene	20.000	21.504	-7.5	99	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.868	5.7	86	0.00
72		1,2,3-Trichloropropane	20.000	18.237	8.8	83	0.00
73		Bromobenzene	20.000	20.970	-4.8	98	0.00
74		n-propylbenzene	20.000	21.666	-8.3	101	0.00
75		2-Chlorotoluene	20.000	20.971	-4.9	96	0.00
76		1,3,5-Trimethylbenzene	20.000	21.151	-5.8	98	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.499	-2.5	106	0.00
78		4-Chlorotoluene	20.000	21.150	-5.7	98	0.00
79		tert-butylbenzene	20.000	20.703	-3.5	96	0.00
80		1,2,4-Trimethylbenzene	20.000	21.135	-5.7	98	0.00
81		sec-Butylbenzene	20.000	21.179	-5.9	99	0.00
82		p-Isopropyltoluene	20.000	21.499	-7.5	101	0.00
83	M	1,3-Dichlorobenzene	20.000	20.987	-4.9	100	0.00
84	M	1,4-Dichlorobenzene	20.000	21.229	-6.1	100	0.00
85		n-Butylbenzene	20.000	22.025	-10.1	108	0.00
86	T	Hexachloroethane	20.000	20.305	-1.5	103	0.00
87	M	1,2-Dichlorobenzene	20.000	20.663	-3.3	98	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.387	3.1	91	0.00
89		1,2,4-Trichlorobenzene	20.000	21.664	-8.3	108	0.00
90		Hexachlorobutadiene	20.000	22.366	-11.8	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	21.279	-6.4	105	0.00
92	1,2,3-Trichlorobenzene	20.000	21.742	-8.7	108	0.00

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