Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX062818\
Data File : VX002978.D
Acq On : 28 Jun 2018 11:06
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Jun 29 05:32:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
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	108	0.00
2	M	Dichlorodifluoromethane	20.000	20.793	-4.0	113	0.00
3	M	Chloromethane	20.000	19.351	3.2	102	0.00
4	M	Vinyl Chloride	20.000	19.348	3.3	102	0.00
5	M	Bromomethane	20.000	10.773	46.1#	58	0.00
6	M	Chloroethane	20.000	21.834	-9.2	114	0.01
7	M	Trichlorofluoromethane	20.000	19.532	2.3	102	0.00
8	T	Diethyl Ether	20.000	20.053	-0.3	106	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.182	-0.9	108	0.00
10	M	1,1-Dichloroethene	20.000	19.586	2.1	104	0.00
11		Methyl Iodide	20.000	10.490	47.5#	67	0.00
12		Methyl Acetate	20.000	21.547	-7.7	108	0.00
13	M	Acrolein	100.000	52.249	47.8#	66	0.00
14	M	Acrylonitrile	100.000	98.324	1.7	103	-0.01
15	M	Acetone	100.000	115.656	-15.7	115	-0.01
16	M	Carbon Disulfide	20.000	21.153	-5.8	118	0.00
17		Allyl chloride	20.000	19.991	0.0	105	0.00
18	M	Methylene Chloride	20.000	19.278	3.6	102	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.388	3.1	103	0.00
20	T	Diisopropyl ether	20.000	20.570	-2.9	112	0.00
21	M	1,1-Dichloroethane	20.000	20.668	-3.3	102	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.044	-5.2	111	0.00
23	M	tert-Butyl Alcohol	100.000	100.494	-0.5	101	-0.03
24	M	Methyl tert-Butyl Ether	20.000	19.237	3.8	102	0.00
25	M	Chloroform	20.000	21.115	-5.6	110	0.00
26		Cyclohexane	20.000	20.130	-0.6	107	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.001	-0.0	108	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29		1,1-Dichloropropene	20.000	21.009	-5.0	110	0.00
30	M	2-Butanone	100.000	112.358	-12.4	115	-0.01
31		2,2-Dichloropropane	20.000	22.758	-13.8	118	0.00
32	M	1,1,1-Trichloroethane	20.000	21.928	-9.6	115	0.00
33	M	Carbon Tetrachloride	20.000	21.681	-8.4	117	0.00
34	M	Benzene	20.000	20.798	-4.0	108	0.00
35		Methacrylonitrile	20.000	21.364	-6.8	109	0.00
36	M	1,2-Dichloroethane	20.000	21.057	-5.3	109	0.00
37	M	Trichloroethene	20.000	21.383	-6.9	113	0.00
38		Methylcyclohexane	20.000	20.203	-1.0	109	0.00
39	M	1,2-Dichloropropane	20.000	21.499	-7.5	110	0.00
40		Dibromomethane	20.000	21.422	-7.1	112	0.00
41	M	Bromodichloromethane	20.000	21.736	-8.7	117	0.00
42	M	Vinyl Acetate	100.000	104.030	-4.0	111	0.00
43		Ethyl Acetate	20.000	21.366	-6.8	109	-0.01
44		Isopropyl Acetate	20.000	20.599	-3.0	109	-0.01
45	T	1,4-Dioxane	400.000	416.360	-4.1	104	0.00

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LabSampleId : VSTDCCC020

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Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	21.102	-5.5	109	0.00
47		n-amyl Acetate	20.000	19.278	3.6	106	0.00
48	M	t-1,3-Dichloropropene	20.000	20.454	-2.3	109	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.408	-2.0	114	0.00
50	M	1,1,2-Trichloroethane	20.000	20.920	-4.6	110	0.00
51		Ethyl methacrylate	20.000	20.269	-1.3	109	0.00
52		1,3-Dichloropropane	20.000	21.168	-5.8	110	0.00
53	M	Dibromochloromethane	20.000	20.963	-4.8	118	0.00
54	M	1,2-Dibromoethane	20.000	21.048	-5.2	112	0.00
55	M	2-Chloroethyl vinyl ether	100.000	32.177	67.8#	34	0.00
56	M	Bromoform	20.000	20.601	-3.0	121	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	107	0.00
58	M	4-Methyl-2-Pentanone	100.000	105.319	-5.3	109	0.00
59	M	2-Hexanone	100.000	107.708	-7.7	111	0.00
60	S	4-Bromofluorobenzene	30.000	30.664	-2.2	112	0.00
61	M	Tetrachloroethene	20.000	20.598	-3.0	107	0.00
62	M	Toluene	20.000	20.940	-4.7	108	0.00
63	S	Toluene-d8	30.000	29.785	0.7	104	0.00
64	M	Chlorobenzene	20.000	20.945	-4.7	109	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.798	-9.0	115	0.00
66	M	Ethyl Benzene	20.000	20.790	-3.9	108	0.00
67	M	m/p-Xylenes	40.000	41.640	-4.1	109	0.00
68	M	o-Xylene	20.000	20.276	-1.4	107	0.00
69	M	Styrene	20.000	20.543	-2.7	111	0.00
70		Isopropylbenzene	20.000	20.915	-4.6	110	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.644	-8.2	113	0.00
72		1,2,3-Trichloropropane	20.000	26.688	-33.4#	137	0.00
73		Bromobenzene	20.000	20.439	-2.2	109	0.00
74		n-propylbenzene	20.000	20.601	-3.0	109	0.00
75		2-Chlorotoluene	20.000	20.972	-4.9	111	0.00
76		1,3,5-Trimethylbenzene	20.000	20.713	-3.6	111	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.191	14.0	97	0.00
78		4-Chlorotoluene	20.000	20.752	-3.8	113	0.00
79		tert-butylbenzene	20.000	20.180	-0.9	108	0.00
80		1,2,4-Trimethylbenzene	20.000	20.756	-3.8	110	0.00
81		sec-Butylbenzene	20.000	20.382	-1.9	108	0.00
82		p-Isopropyltoluene	20.000	20.180	-0.9	108	0.00
83	M	1,3-Dichlorobenzene	20.000	20.465	-2.3	110	0.00
84	M	1,4-Dichlorobenzene	20.000	20.666	-3.3	112	0.00
85		n-Butylbenzene	20.000	19.790	1.1	110	0.00
86	T	Hexachloroethane	20.000	17.754	11.2	102	0.00
87	M	1,2-Dichlorobenzene	20.000	20.560	-2.8	110	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	21.050	-5.3	119	0.00
89		1,2,4-Trichlorobenzene	20.000	20.034	-0.2	108	0.00
90		Hexachlorobutadiene	20.000	20.095	-0.5	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.551	-2.8	110	0.00
92	1,2,3-Trichlorobenzene	20.000	20.576	-2.9	112	0.00

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