Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121218\
Data File : VN052822.D
Acq On : 12 Dec 2018 12:56
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Dec 13 04:02:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 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	86	0.00
2	M	Dichlorodifluoromethane	20.000	18.801	6.0	79	0.00
3	M	Chloromethane	20.000	18.556	7.2	80	0.00
4	M	Vinyl Chloride	20.000	18.993	5.0	82	0.00
5	M	Bromomethane	20.000	20.254	-1.3	88	0.00
6	M	Chloroethane	20.000	19.461	2.7	83	0.00
7	M	Trichlorofluoromethane	20.000	20.218	-1.1	88	0.00
8	T	Diethyl Ether	20.000	21.288	-6.4	94	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.141	-0.7	84	0.00
10	M	1,1-Dichloroethene	20.000	20.360	-1.8	89	0.00
11		Methyl Iodide	20.000	19.272	3.6	86	0.00
12		Methyl Acetate	20.000	21.323	-6.6	92	0.00
13	M	Acrolein	100.000	66.635	33.4#	62	0.00
14	M	Acrylonitrile	100.000	107.434	-7.4	90	0.00
15	M	Acetone	100.000	96.968	3.0	77	0.00
16	M	Carbon Disulfide	20.000	17.936	10.3	78	0.00
17		Allyl chloride	20.000	18.397	8.0	79	0.00
18	M	Methylene Chloride	20.000	20.628	-3.1	90	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.592	-3.0	90	0.00
20	T	Diisopropyl ether	20.000	20.300	-1.5	87	0.00
21	M	1,1-Dichloroethane	20.000	20.239	-1.2	88	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.013	-5.1	91	0.00
23	M	tert-Butyl Alcohol	100.000	124.351	-24.4	105	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.868	-9.3	94	0.00
25	M	Chloroform	20.000	20.807	-4.0	90	0.00
26		Cyclohexane	20.000	18.870	5.6	81	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.616	1.3	85	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29		1,1-Dichloropropene	20.000	20.133	-0.7	87	0.00
30	M	2-Butanone	100.000	103.282	-3.3	88	0.00
31		2,2-Dichloropropane	20.000	20.988	-4.9	93	0.00
32	M	1,1,1-Trichloroethane	20.000	20.711	-3.6	91	0.00
33	M	Carbon Tetrachloride	20.000	20.513	-2.6	90	0.00
34	M	Benzene	20.000	20.294	-1.5	88	0.00
35		Methacrylonitrile	20.000	19.420	2.9	83	0.00
36	M	1,2-Dichloroethane	20.000	20.601	-3.0	90	0.00
37	M	Trichloroethene	20.000	21.348	-6.7	94	0.00
38		Methylcyclohexane	20.000	19.147	4.3	82	0.00
39	M	1,2-Dichloropropane	20.000	20.302	-1.5	89	0.00
40		Dibromomethane	20.000	21.487	-7.4	93	0.00
41	M	Bromodichloromethane	20.000	20.468	-2.3	91	0.00
42	M	Vinyl Acetate	100.000	97.678	2.3	86	0.00
43		Ethyl Acetate	20.000	22.187	-10.9	93	0.00
44		Isopropyl Acetate	20.000	23.121	-15.6	103	0.00
45	T	1,4-Dioxane	400.000	474.096	-18.5	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	21.501	-7.5	95	0.00
47		n-amyl Acetate	20.000	22.572	-12.9	104	0.00
48	M	t-1,3-Dichloropropene	20.000	20.803	-4.0	96	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.480	-2.4	91	0.00
50	M	1,1,2-Trichloroethane	20.000	21.764	-8.8	93	0.00
51		Ethyl methacrylate	20.000	22.217	-11.1	101	0.00
52		1,3-Dichloropropane	20.000	21.126	-5.6	91	0.00
53	M	Dibromochloromethane	20.000	21.397	-7.0	94	0.00
54	M	1,2-Dibromoethane	20.000	21.762	-8.8	95	0.00
55	M	2-Chloroethyl vinyl ether	100.000	106.678	-6.7	92	0.00
56	M	Bromoform	20.000	21.781	-8.9	97	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58	M	4-Methyl-2-Pentanone	100.000	112.046	-12.0	95	0.00
59	M	2-Hexanone	100.000	110.151	-10.2	92	0.00
60	S	4-Bromofluorobenzene	30.000	30.141	-0.5	88	0.00
61	M	Tetrachloroethene	20.000	24.178	-20.9	103	0.00
62	M	Toluene	20.000	20.580	-2.9	89	0.00
63	S	Toluene-d8	30.000	29.264	2.5	84	0.00
64	M	Chlorobenzene	20.000	21.024	-5.1	92	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.767	-8.8	96	0.00
66	M	Ethyl Benzene	20.000	20.571	-2.9	89	0.00
67	M	m/p-Xylenes	40.000	42.042	-5.1	90	0.00
68	M	o-Xylene	20.000	21.021	-5.1	91	0.00
69	M	Styrene	20.000	21.168	-5.8	92	0.00
70		Isopropylbenzene	20.000	21.185	-5.9	92	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.398	-7.0	91	0.00
72		1,2,3-Trichloropropane	20.000	22.046	-10.2	101	0.00
73		Bromobenzene	20.000	22.023	-10.1	97	0.00
74		n-propylbenzene	20.000	20.717	-3.6	89	0.00
75		2-Chlorotoluene	20.000	21.148	-5.7	91	0.00
76		1,3,5-Trimethylbenzene	20.000	21.272	-6.4	91	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.957	-4.8	97	0.00
78		4-Chlorotoluene	20.000	21.291	-6.5	92	0.00
79		tert-butylbenzene	20.000	21.336	-6.7	91	0.00
80		1,2,4-Trimethylbenzene	20.000	21.326	-6.6	91	0.00
81		sec-Butylbenzene	20.000	20.805	-4.0	89	0.00
82		p-Isopropyltoluene	20.000	20.936	-4.7	91	0.00
83	M	1,3-Dichlorobenzene	20.000	21.820	-9.1	95	0.00
84	M	1,4-Dichlorobenzene	20.000	21.809	-9.0	95	0.00
85		n-Butylbenzene	20.000	19.910	0.4	87	0.00
86	T	Hexachloroethane	20.000	20.223	-1.1	89	0.00
87	M	1,2-Dichlorobenzene	20.000	22.622	-13.1	97	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	23.381	-16.9	104	0.00
89		1,2,4-Trichlorobenzene	20.000	24.357	-21.8	110	0.00
90		Hexachlorobutadiene	20.000	21.793	-9.0	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	25.681	-28.4	116	0.00
92	1,2,3-Trichlorobenzene	20.000	24.861	-24.3	111	0.00

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