Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
Data File : VN052113.D
Acq On : 1 Nov 2018 19:49
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Nov 02 07:42:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 01 10:27:53 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	94	0.00
2	M	Dichlorodifluoromethane	20.000	19.128	4.4	88	0.00
3	M	Chloromethane	20.000	19.889	0.6	90	0.00
4	M	Vinyl Chloride	20.000	20.482	-2.4	91	0.00
5	M	Bromomethane	20.000	19.552	2.2	92	0.00
6	M	Chloroethane	20.000	19.705	1.5	91	0.00
7	M	Trichlorofluoromethane	20.000	19.461	2.7	90	0.00
8	T	Diethyl Ether	20.000	20.282	-1.4	93	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.569	2.2	93	0.00
10	M	1,1-Dichloroethene	20.000	19.954	0.2	96	0.00
11		Methyl Iodide	20.000	18.133	9.3	90	0.00
12		Methyl Acetate	20.000	22.103	-10.5	106	0.00
13	M	Acrolein	100.000	113.019	-13.0	110	0.00
14	M	Acrylonitrile	100.000	104.950	-5.0	96	0.00
15	M	Acetone	100.000	100.446	-0.4	90	0.00
16	M	Carbon Disulfide	20.000	17.930	10.4	87	0.00
17		Allyl chloride	20.000	19.630	1.9	93	0.00
18	M	Methylene Chloride	20.000	18.924	5.4	89	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.879	0.6	94	0.00
20	T	Diisopropyl ether	20.000	20.088	-0.4	93	0.00
21	M	1,1-Dichloroethane	20.000	19.288	3.6	89	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.376	-1.9	95	0.00
23	M	tert-Butyl Alcohol	100.000	131.024	-31.0#	105	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.574	-2.9	94	0.00
25	M	Chloroform	20.000	19.928	0.4	91	0.00
26		Cyclohexane	20.000	18.958	5.2	91	0.00
27	s	1,2-Dichloroethane-d4	30.000	31.861	-6.2	95	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29		1,1-Dichloropropene	20.000	18.935	5.3	90	0.00
30	M	2-Butanone	100.000	102.637	-2.6	94	0.00
31		2,2-Dichloropropane	20.000	15.547	22.3	75	0.00
32	M	1,1,1-Trichloroethane	20.000	19.386	3.1	95	0.00
33	M	Carbon Tetrachloride	20.000	17.763	11.2	88	0.00
34	M	Benzene	20.000	19.517	2.4	93	0.00
35		Methacrylonitrile	20.000	12.519	37.4#	85	-0.02
36	M	1,2-Dichloroethane	20.000	19.410	2.9	93	0.00
37	M	Trichloroethene	20.000	18.598	7.0	94	0.00
38		Methylcyclohexane	20.000	17.630	11.9	86	0.00
39	M	1,2-Dichloropropane	20.000	19.110	4.5	89	0.00
40		Dibromomethane	20.000	19.754	1.2	94	0.00
41	M	Bromodichloromethane	20.000	18.653	6.7	90	0.00
42	M	Vinyl Acetate	100.000	99.744	0.3	94	0.00
43		Ethyl Acetate	20.000	13.977	30.1#	95	0.00
44		Isopropyl Acetate	20.000	21.762	-8.8	104	0.00
45	T	1,4-Dioxane	400.000	447.123	-11.8	95	0.00

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	20.633	-3.2	95	0.00
47		n-amyl Acetate	20.000	0.072	99.6#	0	-0.10
48	M	t-1,3-Dichloropropene	20.000	18.580	7.1	91	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.448	7.8	88	0.00
50	M	1,1,2-Trichloroethane	20.000	19.268	3.7	93	0.00
51		Ethyl methacrylate	20.000	19.761	1.2	96	0.00
52		1,3-Dichloropropane	20.000	20.234	-1.2	97	0.00
53	M	Dibromochloromethane	20.000	18.116	9.4	90	0.00
54	M	1,2-Dibromoethane	20.000	19.736	1.3	98	0.00
55	M	2-Chloroethyl vinyl ether	100.000	104.498	-4.5	97	0.00
56	M	Bromoform	20.000	17.248	13.8	90	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58	M	4-Methyl-2-Pentanone	100.000	108.757	-8.8	98	0.00
59	M	2-Hexanone	100.000	105.797	-5.8	95	0.00
60	S	4-Bromofluorobenzene	30.000	29.766	0.8	93	0.00
61	M	Tetrachloroethene	20.000	18.412	7.9	90	0.00
62	M	Toluene	20.000	19.819	0.9	92	0.00
63	S	Toluene-d8	30.000	30.306	-1.0	93	0.00
64	M	Chlorobenzene	20.000	19.313	3.4	93	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.937	5.3	91	0.00
66	M	Ethyl Benzene	20.000	19.038	4.8	91	0.00
67	M	m/p-Xylenes	40.000	38.081	4.8	91	0.00
68	M	o-Xylene	20.000	19.326	3.4	92	0.00
69	M	Styrene	20.000	19.171	4.1	90	0.00
70		Isopropylbenzene	20.000	18.972	5.1	92	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.500	-7.5	101	0.00
72		1,2,3-Trichloropropane	20.000	24.202	-21.0	103	0.00
73		Bromobenzene	20.000	19.295	3.5	96	0.00
74		n-propylbenzene	20.000	18.627	6.9	90	0.00
75		2-Chlorotoluene	20.000	19.158	4.2	91	0.00
76		1,3,5-Trimethylbenzene	20.000	18.719	6.4	90	0.00
77		t-1,4-Dichloro-2-butene	20.000	16.774	16.1	89	0.00
78		4-Chlorotoluene	20.000	18.945	5.3	91	0.00
79		tert-butylbenzene	20.000	18.955	5.2	89	0.00
80		1,2,4-Trimethylbenzene	20.000	19.332	3.3	91	0.00
81		sec-Butylbenzene	20.000	18.349	8.3	88	0.00
82		p-Isopropyltoluene	20.000	18.100	9.5	88	0.00
83	M	1,3-Dichlorobenzene	20.000	18.711	6.4	92	0.00
84	M	1,4-Dichlorobenzene	20.000	18.262	8.7	92	0.00
85		n-Butylbenzene	20.000	17.146	14.3	85	0.00
86	T	Hexachloroethane	20.000	17.361	13.2	86	0.00
87	M	1,2-Dichlorobenzene	20.000	18.585	7.1	91	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	22.150	-10.7	100	0.00
89		1,2,4-Trichlorobenzene	20.000	19.191	4.0	89	0.00
90		Hexachlorobutadiene	20.000	16.773	16.1	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.884	-4.4	97	0.00
92	1,2,3-Trichlorobenzene	20.000	17.839	10.8	91	0.00

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