Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111318\
Data File : VN052279.D
Acq On : 13 Nov 2018 11:41
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Nov 14 00:24:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 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	81	0.00
2	M	Dichlorodifluoromethane	20.000	22.493	-12.5	89	0.00
3	M	Chloromethane	20.000	22.547	-12.7	88	0.00
4	M	Vinyl Chloride	20.000	19.511	2.4	74	0.00
5	M	Bromomethane	20.000	17.063	14.7	69	0.00
6	M	Chloroethane	20.000	16.837	15.8	67	0.00
7	M	Trichlorofluoromethane	20.000	20.320	-1.6	81	0.00
8	T	Diethyl Ether	20.000	20.608	-3.0	81	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.207	-6.0	86	0.00
10	M	1,1-Dichloroethene	20.000	20.626	-3.1	85	0.00
11		Methyl Iodide	20.000	19.307	3.5	82	0.00
12		Methyl Acetate	20.000	24.949	-24.7	100	0.00
13	M	Acrolein	100.000	96.302	3.7	79	0.00
14	M	Acrylonitrile	100.000	112.443	-12.4	88	0.00
15	M	Acetone	100.000	167.835	-67.8#	129	0.00
16	M	Carbon Disulfide	20.000	19.097	4.5	80	0.00
17		Allyl chloride	20.000	22.313	-11.6	91	0.00
18	M	Methylene Chloride	20.000	19.570	2.1	79	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.033	-0.2	81	0.00
20	T	Diisopropyl ether	20.000	23.397	-17.0	93	0.00
21	M	1,1-Dichloroethane	20.000	21.111	-5.6	83	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.788	1.1	79	0.00
23	M	tert-Butyl Alcohol	100.000	129.819	-29.8	89	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.324	-1.6	80	0.00
25	M	Chloroform	20.000	19.822	0.9	78	0.00
26		Cyclohexane	20.000	21.412	-7.1	88	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.726	-2.4	78	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29		1,1-Dichloropropene	20.000	20.937	-4.7	81	0.00
30	M	2-Butanone	100.000	146.399	-46.4#	109	0.00
31		2,2-Dichloropropane	20.000	20.258	-1.3	80	0.00
32	M	1,1,1-Trichloroethane	20.000	20.123	-0.6	80	0.00
33	M	Carbon Tetrachloride	20.000	19.325	3.4	78	0.00
34	M	Benzene	20.000	20.680	-3.4	81	0.00
35		Methacrylonitrile	20.000	26.812	-34.1#	97	0.00
36	M	1,2-Dichloroethane	20.000	21.711	-8.6	85	0.00
37	M	Trichloroethene	20.000	20.332	-1.7	84	0.00
38		Methylcyclohexane	20.000	19.883	0.6	79	0.00
39	M	1,2-Dichloropropane	20.000	21.692	-8.5	82	0.00
40		Dibromomethane	20.000	19.683	1.6	76	0.00
41	M	Bromodichloromethane	20.000	20.291	-1.5	80	0.00
42	M	Vinyl Acetate	100.000	117.253	-17.3	90	0.00
43		Ethyl Acetate	20.000	29.131	-45.7#	109	0.00
44		Isopropyl Acetate	20.000	24.015	-20.1	94	0.00
45	T	1,4-Dioxane	400.000	554.640	-38.7#	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	23.770	-18.8	89	0.00
47		n-amyl Acetate	20.000	23.142	-15.7	93	0.00
48	M	t-1,3-Dichloropropene	20.000	19.747	1.3	79	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.517	-2.6	80	0.00
50	M	1,1,2-Trichloroethane	20.000	20.714	-3.6	82	0.00
51		Ethyl methacrylate	20.000	21.058	-5.3	83	0.00
52		1,3-Dichloropropane	20.000	20.558	-2.8	81	0.00
53	M	Dibromochloromethane	20.000	19.466	2.7	79	0.00
54	M	1,2-Dibromoethane	20.000	19.623	1.9	80	0.00
55	M	2-Chloroethyl vinyl ether	100.000	106.209	-6.2	81	0.00
56	M	Bromoform	20.000	18.988	5.1	81	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	77	0.00
58	M	4-Methyl-2-Pentanone	100.000	123.742	-23.7	91	0.00
59	M	2-Hexanone	100.000	137.050	-37.1#	101	0.00
60	S	4-Bromofluorobenzene	30.000	29.269	2.4	74	0.00
61	M	Tetrachloroethene	20.000	21.660	-8.3	86	0.00
62	M	Toluene	20.000	20.591	-3.0	78	0.00
63	S	Toluene-d8	30.000	30.556	-1.9	77	0.00
64	M	Chlorobenzene	20.000	19.665	1.7	77	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.606	-3.0	81	0.00
66	M	Ethyl Benzene	20.000	20.761	-3.8	81	0.00
67	M	m/p-Xylenes	40.000	40.312	-0.8	79	0.00
68	M	o-Xylene	20.000	20.121	-0.6	79	0.00
69	M	Styrene	20.000	19.935	0.3	77	0.00
70		Isopropylbenzene	20.000	20.239	-1.2	80	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.758	-8.8	84	0.00
72		1,2,3-Trichloropropane	20.000	20.737	-3.7	77	0.00
73		Bromobenzene	20.000	21.083	-5.4	86	0.00
74		n-propylbenzene	20.000	20.680	-3.4	81	0.00
75		2-Chlorotoluene	20.000	20.812	-4.1	81	0.00
76		1,3,5-Trimethylbenzene	20.000	20.736	-3.7	81	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.345	-1.7	89	0.00
78		4-Chlorotoluene	20.000	20.586	-2.9	81	0.00
79		tert-butylbenzene	20.000	20.953	-4.8	81	0.00
80		1,2,4-Trimethylbenzene	20.000	20.927	-4.6	81	0.00
81		sec-Butylbenzene	20.000	20.917	-4.6	82	0.00
82		p-Isopropyltoluene	20.000	21.072	-5.4	84	0.00
83	M	1,3-Dichlorobenzene	20.000	21.003	-5.0	85	0.00
84	M	1,4-Dichlorobenzene	20.000	20.690	-3.5	86	0.00
85		n-Butylbenzene	20.000	21.102	-5.5	85	0.00
86	T	Hexachloroethane	20.000	20.621	-3.1	84	0.00
87	M	1,2-Dichlorobenzene	20.000	21.414	-7.1	86	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	22.634	-13.2	84	0.00
89		1,2,4-Trichlorobenzene	20.000	22.282	-11.4	91	0.00
90		Hexachlorobutadiene	20.000	24.420	-22.1	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	22.322	-11.6	90	0.00
92	1,2,3-Trichlorobenzene	20.000	23.453	-17.3	98	0.00

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