Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092518\
Data File : VN051486.D
Acq On : 25 Sep 2018 15:44
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 26 03:35:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 26 01:19:41 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	99	0.00
2	M	Dichlorodifluoromethane	20.000	17.263	13.7	86	0.00
3	M	Chloromethane	20.000	19.686	1.6	94	0.00
4	M	Vinyl Chloride	20.000	19.104	4.5	89	0.00
5	M	Bromomethane	20.000	20.248	-1.2	96	0.00
6	M	Chloroethane	20.000	20.745	-3.7	93	0.00
7	M	Trichlorofluoromethane	20.000	18.820	5.9	85	0.00
8	T	Diethyl Ether	20.000	22.598	-13.0	114	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.487	-2.4	95	0.00
10	M	1,1-Dichloroethene	20.000	21.043	-5.2	98	0.00
11		Methyl Iodide	20.000	20.385	-1.9	90	0.00
12		Methyl Acetate	20.000	23.841	-19.2	116	0.00
13	M	Acrolein	100.000	119.245	-19.2	111	0.00
14	M	Acrylonitrile	100.000	114.981	-15.0	110	0.00
15	M	Acetone	100.000	112.300	-12.3	108	0.00
16	M	Carbon Disulfide	20.000	19.603	2.0	93	0.00
17		Allyl chloride	20.000	21.349	-6.7	105	0.00
18	M	Methylene Chloride	20.000	22.504	-12.5	101	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.259	-6.3	96	0.00
20	T	Diisopropyl ether	20.000	23.852	-19.3	105	0.00
21	M	1,1-Dichloroethane	20.000	22.332	-11.7	99	0.00
22	M	cis-1,2-Dichloroethene	20.000	22.329	-11.6	101	0.00
23	M	tert-Butyl Alcohol	100.000	121.767	-21.8	126	0.00
24	M	Methyl tert-Butyl Ether	20.000	23.012	-15.1	112	0.00
25	M	Chloroform	20.000	22.513	-12.6	97	0.00
26		Cyclohexane	20.000	20.589	-2.9	96	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.603	-2.0	100	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29		1,1-Dichloropropene	20.000	21.308	-6.5	93	0.00
30	M	2-Butanone	100.000	116.169	-16.2	110	0.00
31		2,2-Dichloropropane	20.000	21.433	-7.2	91	0.00
32	M	1,1,1-Trichloroethane	20.000	21.950	-9.7	93	0.00
33	M	Carbon Tetrachloride	20.000	21.561	-7.8	94	0.00
34	M	Benzene	20.000	22.671	-13.4	96	0.00
35		Methacrylonitrile	20.000	16.874	15.6	91	0.00
36	M	1,2-Dichloroethane	20.000	23.231	-16.2	101	0.00
37	M	Trichloroethene	20.000	21.595	-8.0	94	0.00
38		Methylcyclohexane	20.000	20.328	-1.6	97	0.00
39	M	1,2-Dichloropropane	20.000	23.460	-17.3	99	0.00
40		Dibromomethane	20.000	23.382	-16.9	98	0.00
41	M	Bromodichloromethane	20.000	22.810	-14.0	97	0.00
42	M	Vinyl Acetate	100.000	119.879	-19.9	111	0.00
43		Ethyl Acetate	20.000	26.839	-34.2#	117	0.00
44		Isopropyl Acetate	20.000	24.246	-21.2	112	0.00
45	T	1,4-Dioxane	400.000	497.037	-24.3	113	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	23.946	-19.7	112	0.00
47		n-amyl Acetate	20.000	21.500	-7.5	109	0.00
48	M	t-1,3-Dichloropropene	20.000	22.195	-11.0	103	0.00
49	T	cis-1,3-Dichloropropene	20.000	22.981	-14.9	101	0.00
50	M	1,1,2-Trichloroethane	20.000	23.617	-18.1	100	0.00
51		Ethyl methacrylate	20.000	22.646	-13.2	109	0.00
52		1,3-Dichloropropane	20.000	23.547	-17.7	102	0.00
53	M	Dibromochloromethane	20.000	23.012	-15.1	99	0.00
54	M	1,2-Dibromoethane	20.000	22.933	-14.7	102	0.00
55	M	2-Chloroethyl vinyl ether	100.000	116.683	-16.7	109	0.00
56	M	Bromoform	20.000	22.156	-10.8	99	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58	M	4-Methyl-2-Pentanone	100.000	126.267	-26.3	110	0.00
59	M	2-Hexanone	100.000	116.825	-16.8	109	0.00
60	S	4-Bromofluorobenzene	30.000	30.552	-1.8	97	0.00
61	M	Tetrachloroethene	20.000	22.495	-12.5	93	0.00
62	M	Toluene	20.000	22.311	-11.6	94	0.00
63	S	Toluene-d8	30.000	30.202	-0.7	94	0.00
64	M	Chlorobenzene	20.000	22.397	-12.0	96	0.00
65		1,1,1,2-Tetrachloroethane	20.000	22.713	-13.6	95	0.00
66	M	Ethyl Benzene	20.000	21.645	-8.2	96	0.00
67	M	m/p-Xylenes	40.000	43.596	-9.0	93	0.00
68	M	o-Xylene	20.000	22.239	-11.2	96	0.00
69	M	Styrene	20.000	22.025	-10.1	95	0.00
70		Isopropylbenzene	20.000	22.039	-10.2	95	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	24.100	-20.5	106	0.00
72		1,2,3-Trichloropropane	20.000	27.220	-36.1#	108	0.00
73		Bromobenzene	20.000	21.747	-8.7	96	0.00
74		n-propylbenzene	20.000	21.101	-5.5	93	0.00
75		2-Chlorotoluene	20.000	22.179	-10.9	95	0.00
76		1,3,5-Trimethylbenzene	20.000	22.275	-11.4	94	0.00
77		t-1,4-Dichloro-2-butene	20.000	21.501	-7.5	107	0.00
78		4-Chlorotoluene	20.000	21.743	-8.7	94	0.00
79		tert-butylbenzene	20.000	21.716	-8.6	94	0.00
80		1,2,4-Trimethylbenzene	20.000	22.366	-11.8	95	0.00
81		sec-Butylbenzene	20.000	21.573	-7.9	94	0.00
82		p-Isopropyltoluene	20.000	21.475	-7.4	94	0.00
83	M	1,3-Dichlorobenzene	20.000	21.409	-7.0	96	0.00
84	M	1,4-Dichlorobenzene	20.000	21.193	-6.0	97	0.00
85		n-Butylbenzene	20.000	19.693	1.5	95	0.00
86	T	Hexachloroethane	20.000	21.127	-5.6	91	0.00
87	M	1,2-Dichlorobenzene	20.000	22.396	-12.0	96	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	23.116	-15.6	111	0.00
89		1,2,4-Trichlorobenzene	20.000	19.275	3.6	110	0.00
90		Hexachlorobutadiene	20.000	21.586	-7.9	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.675	11.6	124	0.00
92	1,2,3-Trichlorobenzene	20.000	19.583	2.1	110	0.00

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