Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121418\
Data File : VN052877.D
Acq On : 14 Dec 2018 9:45
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Dec 14 11:09:23 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	93	0.00
2	M	Dichlorodifluoromethane	20.000	18.577	7.1	83	0.00
3	M	Chloromethane	20.000	18.177	9.1	84	0.00
4	M	Vinyl Chloride	20.000	19.084	4.6	88	0.00
5	M	Bromomethane	20.000	20.971	-4.9	98	0.00
6	M	Chloroethane	20.000	19.442	2.8	89	0.00
7	M	Trichlorofluoromethane	20.000	20.073	-0.4	93	0.00
8	T	Diethyl Ether	20.000	20.958	-4.8	100	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.553	-2.8	92	0.00
10	M	1,1-Dichloroethene	20.000	20.453	-2.3	95	0.00
11		Methyl Iodide	20.000	19.721	1.4	95	0.00
12		Methyl Acetate	20.000	20.626	-3.1	95	0.00
13	M	Acrolein	100.000	85.448	14.6	85	0.00
14	M	Acrylonitrile	100.000	103.436	-3.4	93	0.00
15	M	Acetone	100.000	103.813	-3.8	88	0.00
16	M	Carbon Disulfide	20.000	17.770	11.2	83	0.00
17		Allyl chloride	20.000	17.658	11.7	81	0.00
18	M	Methylene Chloride	20.000	20.347	-1.7	95	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.367	-1.8	95	0.00
20	T	Diisopropyl ether	20.000	19.963	0.2	92	0.00
21	M	1,1-Dichloroethane	20.000	20.121	-0.6	94	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.931	-4.7	96	0.00
23	M	tert-Butyl Alcohol	100.000	114.887	-14.9	104	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.417	-7.1	99	0.00
25	M	Chloroform	20.000	20.496	-2.5	95	0.00
26		Cyclohexane	20.000	18.965	5.2	87	0.00
27	s	1,2-Dichloroethane-d4	30.000	28.174	6.1	87	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29		1,1-Dichloropropene	20.000	20.427	-2.1	94	0.00
30	M	2-Butanone	100.000	106.696	-6.7	96	0.00
31		2,2-Dichloropropane	20.000	21.401	-7.0	101	0.00
32	M	1,1,1-Trichloroethane	20.000	21.093	-5.5	98	0.00
33	M	Carbon Tetrachloride	20.000	20.890	-4.5	97	0.00
34	M	Benzene	20.000	20.485	-2.4	94	0.00
35		Methacrylonitrile	20.000	20.898	-4.5	95	0.00
36	M	1,2-Dichloroethane	20.000	20.675	-3.4	95	0.00
37	M	Trichloroethene	20.000	21.951	-9.8	102	0.00
38		Methylcyclohexane	20.000	19.688	1.6	89	0.00
39	M	1,2-Dichloropropane	20.000	20.201	-1.0	93	0.00
40		Dibromomethane	20.000	21.386	-6.9	98	0.00
41	M	Bromodichloromethane	20.000	20.570	-2.9	96	0.00
42	M	Vinyl Acetate	100.000	95.797	4.2	89	0.00
43		Ethyl Acetate	20.000	50.177	-150.9#	224	-0.10
44		Isopropyl Acetate	20.000	22.011	-10.1	103	0.00
45	T	1,4-Dioxane	400.000	486.990	-21.7	109	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	20.777	-3.9	97	0.00
47		n-amyl Acetate	20.000	22.264	-11.3	109	0.00
48	M	t-1,3-Dichloropropene	20.000	20.878	-4.4	102	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.464	-2.3	96	0.00
50	M	1,1,2-Trichloroethane	20.000	21.599	-8.0	98	0.00
51		Ethyl methacrylate	20.000	21.581	-7.9	103	0.00
52		1,3-Dichloropropane	20.000	20.971	-4.9	96	0.00
53	M	Dibromochloromethane	20.000	21.700	-8.5	101	0.00
54	M	1,2-Dibromoethane	20.000	21.609	-8.0	100	0.00
55	M	2-Chloroethyl vinyl ether	100.000	106.878	-6.9	97	0.00
56	M	Bromoform	20.000	21.961	-9.8	104	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58	M	4-Methyl-2-Pentanone	100.000	107.080	-7.1	97	0.00
59	M	2-Hexanone	100.000	115.471	-15.5	103	0.00
60	S	4-Bromofluorobenzene	30.000	30.522	-1.7	95	0.00
61	M	Tetrachloroethene	20.000	24.938	-24.7	113	0.00
62	M	Toluene	20.000	20.970	-4.8	96	0.00
63	S	Toluene-d8	30.000	28.934	3.6	89	0.00
64	M	Chlorobenzene	20.000	21.326	-6.6	99	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.695	-8.5	102	0.00
66	M	Ethyl Benzene	20.000	20.843	-4.2	97	0.00
67	M	m/p-Xylenes	40.000	42.608	-6.5	98	0.00
68	M	o-Xylene	20.000	21.567	-7.8	100	0.00
69	M	Styrene	20.000	21.653	-8.3	100	0.00
70		Isopropylbenzene	20.000	21.651	-8.3	100	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.165	-5.8	96	0.00
72		1,2,3-Trichloropropane	20.000	23.385	-16.9	114	0.00
73		Bromobenzene	20.000	22.649	-13.2	106	0.00
74		n-propylbenzene	20.000	21.157	-5.8	97	0.00
75		2-Chlorotoluene	20.000	21.530	-7.7	99	0.00
76		1,3,5-Trimethylbenzene	20.000	21.972	-9.9	100	0.00
77		t-1,4-Dichloro-2-butene	20.000	21.426	-7.1	105	0.00
78		4-Chlorotoluene	20.000	21.696	-8.5	100	0.00
79		tert-butylbenzene	20.000	22.028	-10.1	101	0.00
80		1,2,4-Trimethylbenzene	20.000	21.966	-9.8	100	0.00
81		sec-Butylbenzene	20.000	21.641	-8.2	99	0.00
82		p-Isopropyltoluene	20.000	22.029	-10.1	102	0.00
83	M	1,3-Dichlorobenzene	20.000	22.632	-13.2	106	0.00
84	M	1,4-Dichlorobenzene	20.000	23.114	-15.6	108	0.00
85		n-Butylbenzene	20.000	21.044	-5.2	98	0.00
86	T	Hexachloroethane	20.000	20.604	-3.0	97	0.00
87	M	1,2-Dichlorobenzene	20.000	23.029	-15.1	106	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	22.894	-14.5	109	0.00
89		1,2,4-Trichlorobenzene	20.000	25.640	-28.2	124	0.00
90		Hexachlorobutadiene	20.000	23.736	-18.7	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	25.165	-25.8	122	0.00
92	1,2,3-Trichlorobenzene	20.000	25.020	-25.1	119	0.00

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