Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101218\
Data File : VN051837.D
Acq On : 12 Oct 2018 17:04
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Quant Time: Oct 13 02:03:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 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	20.078	-0.4	95	0.00
3	M	Chloromethane	20.000	20.701	-3.5	94	0.00
4	M	Vinyl Chloride	20.000	20.494	-2.5	91	0.00
5	M	Bromomethane	20.000	20.398	-2.0	95	0.00
6	M	Chloroethane	20.000	21.030	-5.2	93	0.00
7	M	Trichlorofluoromethane	20.000	20.716	-3.6	104	0.00
8	T	Diethyl Ether	20.000	20.192	-1.0	92	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.229	-1.1	91	0.00
10	M	1,1-Dichloroethene	20.000	20.364	-1.8	92	0.00
11		Methyl Iodide	20.000	19.980	0.1	96	0.00
12		Methyl Acetate	20.000	20.816	-4.1	93	0.00
13	M	Acrolein	100.000	96.274	3.7	92	0.00
14	M	Acrylonitrile	100.000	102.695	-2.7	95	0.00
15	M	Acetone	100.000	98.953	1.0	87	0.00
16	M	Carbon Disulfide	20.000	18.793	6.0	89	0.00
17		Allyl chloride	20.000	19.892	0.5	88	0.00
18	M	Methylene Chloride	20.000	20.752	-3.8	94	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.170	-0.9	92	0.00
20	T	Diisopropyl ether	20.000	20.353	-1.8	92	0.00
21	M	1,1-Dichloroethane	20.000	20.568	-2.8	92	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.028	-0.1	93	0.00
23	M	tert-Butyl Alcohol	100.000	97.557	2.4	91	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.928	-4.6	96	0.00
25	M	Chloroform	20.000	20.300	-1.5	92	0.00
26		Cyclohexane	20.000	19.415	2.9	88	0.00
27	s	1,2-Dichloroethane-d4	30.000	31.274	-4.2	92	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29		1,1-Dichloropropene	20.000	19.577	2.1	92	0.00
30	M	2-Butanone	100.000	94.204	5.8	87	0.00
31		2,2-Dichloropropane	20.000	17.774	11.1	82	0.00
32	M	1,1,1-Trichloroethane	20.000	19.814	0.9	94	0.00
33	M	Carbon Tetrachloride	20.000	19.360	3.2	91	0.00
34	M	Benzene	20.000	20.028	-0.1	93	0.00
35		Methacrylonitrile	20.000	18.076	9.6	88	0.00
36	M	1,2-Dichloroethane	20.000	20.036	-0.2	93	0.00
37	M	Trichloroethene	20.000	19.812	0.9	93	0.00
38		Methylcyclohexane	20.000	18.722	6.4	88	0.00
39	M	1,2-Dichloropropane	20.000	19.912	0.4	91	0.00
40		Dibromomethane	20.000	19.531	2.3	93	0.00
41	M	Bromodichloromethane	20.000	19.288	3.6	91	0.00
42	M	Vinyl Acetate	100.000	98.280	1.7	91	0.00
43		Ethyl Acetate	20.000	20.498	-2.5	93	0.00
44		Isopropyl Acetate	20.000	19.370	3.1	89	0.00
45	T	1,4-Dioxane	400.000	405.412	-1.4	95	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	20.107	-0.5	93	0.00
47		n-amyl Acetate	20.000	17.623	11.9	89	0.00
48	M	t-1,3-Dichloropropene	20.000	18.522	7.4	91	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.935	5.3	90	0.00
50	M	1,1,2-Trichloroethane	20.000	19.662	1.7	92	0.00
51		Ethyl methacrylate	20.000	19.581	2.1	93	0.00
52		1,3-Dichloropropane	20.000	20.205	-1.0	94	0.00
53	M	Dibromochloromethane	20.000	18.644	6.8	93	0.00
54	M	1,2-Dibromoethane	20.000	19.912	0.4	97	0.00
55	M	2-Chloroethyl vinyl ether	100.000	97.905	2.1	93	0.00
56	M	Bromoform	20.000	17.024	14.9	92	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58	M	4-Methyl-2-Pentanone	100.000	106.133	-6.1	95	0.00
59	M	2-Hexanone	100.000	96.293	3.7	89	0.00
60	S	4-Bromofluorobenzene	30.000	28.808	4.0	90	0.00
61	M	Tetrachloroethene	20.000	21.238	-6.2	95	0.00
62	M	Toluene	20.000	20.440	-2.2	93	0.00
63	S	Toluene-d8	30.000	30.302	-1.0	90	0.00
64	M	Chlorobenzene	20.000	20.303	-1.5	94	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.982	0.1	92	0.00
66	M	Ethyl Benzene	20.000	19.894	0.5	91	0.00
67	M	m/p-Xylenes	40.000	38.877	2.8	90	0.00
68	M	o-Xylene	20.000	20.035	-0.2	93	0.00
69	M	Styrene	20.000	19.299	3.5	93	0.00
70		Isopropylbenzene	20.000	19.806	1.0	93	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.533	-2.7	94	0.00
72		1,2,3-Trichloropropane	20.000	22.528	-12.6	108	0.00
73		Bromobenzene	20.000	19.527	2.4	95	0.00
74		n-propylbenzene	20.000	19.517	2.4	92	0.00
75		2-Chlorotoluene	20.000	19.852	0.7	93	0.00
76		1,3,5-Trimethylbenzene	20.000	19.485	2.6	92	0.00
77		t-1,4-Dichloro-2-butene	20.000	16.219	18.9	84	0.00
78		4-Chlorotoluene	20.000	19.331	3.3	92	0.00
79		tert-butylbenzene	20.000	19.670	1.6	92	0.00
80		1,2,4-Trimethylbenzene	20.000	19.314	3.4	91	0.00
81		sec-Butylbenzene	20.000	19.445	2.8	91	0.00
82		p-Isopropyltoluene	20.000	18.772	6.1	91	0.00
83	M	1,3-Dichlorobenzene	20.000	18.476	7.6	92	0.00
84	M	1,4-Dichlorobenzene	20.000	18.079	9.6	92	0.00
85		n-Butylbenzene	20.000	18.186	9.1	89	0.00
86	T	Hexachloroethane	20.000	18.040	9.8	90	0.00
87	M	1,2-Dichlorobenzene	20.000	19.042	4.8	94	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.836	5.8	91	0.00
89		1,2,4-Trichlorobenzene	20.000	18.672	6.6	89	0.00
90		Hexachlorobutadiene	20.000	18.509	7.5	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.476	2.6	97	0.00
92	1,2,3-Trichlorobenzene	20.000	17.190	14.0	93	0.00

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