Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081719\
Data File : VN057352.D
Acq On : 16 Aug 2019 13:30
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDICV020

Quant Time: Aug 16 13:51:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 16 13:33:03 2019
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	95	0.00
2	M	Dichlorodifluoromethane	20.000	20.771	-3.9	92	0.00
3	M	Chloromethane	20.000	20.753	-3.8	97	0.00
4	M	Vinyl Chloride	20.000	21.096	-5.5	97	0.00
5	M	Bromomethane	20.000	23.450	-17.2	107	0.00
6	M	Chloroethane	20.000	20.207	-1.0	94	0.00
7	M	Trichlorofluoromethane	20.000	20.155	-0.8	93	0.00
8	T	Diethyl Ether	20.000	20.373	-1.9	96	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.394	-2.0	93	0.00
10	M	1,1-Dichloroethene	20.000	20.622	-3.1	97	0.00
11		Methyl Iodide	20.000	17.946	10.3	86	0.00
12		Methyl Acetate	20.000	19.885	0.6	96	0.00
13	M	Acrolein	100.000	96.626	3.4	102	0.00
14	M	Acrylonitrile	100.000	101.036	-1.0	97	0.00
15	M	Acetone	100.000	100.226	-0.2	90	0.00
16	M	Carbon Disulfide	20.000	20.866	-4.3	100	0.00
17		Allyl chloride	20.000	19.329	3.4	93	0.00
18	M	Methylene Chloride	20.000	20.331	-1.7	95	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.208	-1.0	96	0.00
20	T	Diisopropyl ether	20.000	20.300	-1.5	95	0.00
21	M	1,1-Dichloroethane	20.000	20.102	-0.5	94	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.145	-0.7	95	0.00
23	M	tert-Butyl Alcohol	100.000	99.167	0.8	97	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.097	-0.5	95	0.00
25	M	Chloroform	20.000	20.263	-1.3	95	0.00
26		Cyclohexane	20.000	20.309	-1.5	95	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.072	3.1	91	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29		1,1-Dichloropropene	20.000	19.874	0.6	94	0.00
30	M	2-Butanone	100.000	98.891	1.1	93	0.00
31		2,2-Dichloropropane	20.000	19.774	1.1	92	0.00
32	M	1,1,1-Trichloroethane	20.000	19.754	1.2	92	0.00
33	M	Carbon Tetrachloride	20.000	19.848	0.8	94	0.00
34	M	Benzene	20.000	20.066	-0.3	94	0.00
35		Methacrylonitrile	20.000	20.071	-0.4	115	0.00
36	M	1,2-Dichloroethane	20.000	19.431	2.8	93	0.00
37	M	Trichloroethene	20.000	20.454	-2.3	97	0.00
38		Methylcyclohexane	20.000	20.018	-0.1	94	0.00
39	M	1,2-Dichloropropane	20.000	19.839	0.8	93	0.00
40		Dibromomethane	20.000	19.900	0.5	94	0.00
41	M	Bromodichloromethane	20.000	19.816	0.9	94	0.00
42	M	Vinyl Acetate	100.000	101.021	-1.0	95	0.00
43		Ethyl Acetate	20.000	19.108	4.5	91	0.00
44		Isopropyl Acetate	20.000	19.467	2.7	92	-0.45
45	T	1,4-Dioxane	400.000	399.601	0.1	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	20.339	-1.7	97	0.00
47		n-amyl Acetate	20.000	20.837	-4.2	107	0.00
48	M	t-1,3-Dichloropropene	20.000	19.570	2.1	94	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.869	0.7	94	0.00
50	M	1,1,2-Trichloroethane	20.000	19.940	0.3	94	0.00
51		Ethyl methacrylate	20.000	19.720	1.4	96	0.00
52		1,3-Dichloropropane	20.000	19.832	0.8	93	0.00
53	M	Dibromochloromethane	20.000	19.753	1.2	94	0.00
54	M	1,2-Dibromoethane	20.000	20.093	-0.5	95	0.00
55	M	2-Chloroethyl vinyl ether	100.000	92.466	7.5	100	0.00
56	M	Bromoform	20.000	19.122	4.4	97	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58	M	4-Methyl-2-Pentanone	100.000	103.249	-3.2	96	0.00
59	M	2-Hexanone	100.000	103.289	-3.3	96	0.00
60	S	4-Bromofluorobenzene	30.000	29.308	2.3	95	0.00
61	M	Tetrachloroethene	20.000	21.319	-6.6	94	0.00
62	M	Toluene	20.000	20.700	-3.5	95	0.00
63	S	Toluene-d8	30.000	30.459	-1.5	94	0.00
64	M	Chlorobenzene	20.000	20.485	-2.4	96	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.432	-2.2	93	0.00
66	M	Ethyl Benzene	20.000	20.520	-2.6	95	0.00
67	M	m/p-Xylenes	40.000	41.035	-2.6	95	0.00
68	M	o-Xylene	20.000	20.440	-2.2	95	0.00
69	M	Styrene	20.000	20.169	-0.8	96	0.00
70		Isopropylbenzene	20.000	20.458	-2.3	95	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.803	-4.0	96	0.00
72		1,2,3-Trichloropropane	20.000	20.274	-1.4	95	0.00
73		Bromobenzene	20.000	20.148	-0.7	98	0.00
74		n-propylbenzene	20.000	19.873	0.6	97	0.00
75		2-Chlorotoluene	20.000	20.477	-2.4	96	0.00
76		1,3,5-Trimethylbenzene	20.000	20.470	-2.3	95	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.970	0.2	101	0.00
78		4-Chlorotoluene	20.000	20.130	-0.6	102	0.00
79		tert-butylbenzene	20.000	20.372	-1.9	95	0.00
80		1,2,4-Trimethylbenzene	20.000	20.601	-3.0	98	0.00
81		sec-Butylbenzene	20.000	19.848	0.8	97	0.00
82		p-Isopropyltoluene	20.000	19.518	2.4	98	0.00
83	M	1,3-Dichlorobenzene	20.000	21.363	-6.8	107	0.00
84	M	1,4-Dichlorobenzene	20.000	21.550	-7.8	113	0.00
85		n-Butylbenzene	20.000	21.028	-5.1	102	0.00
86	T	Hexachloroethane	20.000	19.716	1.4	96	0.00
87	M	1,2-Dichlorobenzene	20.000	23.669	-18.3	116	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.655	1.7	104	0.00
89		1,2,4-Trichlorobenzene	20.000	27.007	-35.0#	191	0.00
90		Hexachlorobutadiene	20.000	24.222	-21.1	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.624	-3.1	167	0.00
92	1,2,3-Trichlorobenzene	20.000	27.012	-35.1#	194	0.00

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