Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082319\
Data File : VN057467.D
Acq On : 23 Aug 2019 11:53
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN082319

Quant Time: Aug 23 23:25:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 23 23:15:31 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	108	0.00
2	M	Dichlorodifluoromethane	20.000	22.551	-12.8	118	0.00
3	M	Chloromethane	20.000	21.806	-9.0	115	0.00
4	M	Vinyl Chloride	20.000	20.650	-3.2	105	0.00
5	M	Bromomethane	20.000	21.498	-7.5	111	0.00
6	M	Chloroethane	20.000	20.413	-2.1	106	0.00
7	M	Trichlorofluoromethane	20.000	20.402	-2.0	106	0.00
8	T	Diethyl Ether	20.000	20.576	-2.9	107	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.994	-5.0	108	0.00
10	M	1,1-Dichloroethene	20.000	20.033	-0.2	107	0.00
11		Methyl Iodide	20.000	17.077	14.6	107	0.00
12		Methyl Acetate	20.000	20.460	-2.3	114	0.00
13	M	Acrolein	100.000	100.736	-0.7	105	0.00
14	M	Acrylonitrile	100.000	102.442	-2.4	110	0.00
15	M	Acetone	100.000	113.240	-13.2	106	0.00
16	M	Carbon Disulfide	20.000	20.617	-3.1	112	0.00
17		Allyl chloride	20.000	20.784	-3.9	112	0.00
18	M	Methylene Chloride	20.000	20.724	-3.6	111	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.532	-2.7	113	0.00
20	T	Diisopropyl ether	20.000	20.446	-2.2	108	0.00
21	M	1,1-Dichloroethane	20.000	20.734	-3.7	110	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.698	-3.5	110	0.00
23	M	tert-Butyl Alcohol	100.000	105.958	-6.0	115	0.02
24	M	Methyl tert-Butyl Ether	20.000	20.844	-4.2	111	0.00
25	M	Chloroform	20.000	19.936	0.3	107	0.00
26		Cyclohexane	20.000	20.104	-0.5	108	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.011	-0.0	105	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29		1,1-Dichloropropene	20.000	19.728	1.4	110	0.00
30	M	2-Butanone	100.000	101.611	-1.6	109	0.00
31		2,2-Dichloropropane	20.000	21.051	-5.3	115	0.00
32	M	1,1,1-Trichloroethane	20.000	19.808	1.0	109	0.00
33	M	Carbon Tetrachloride	20.000	19.401	3.0	108	0.00
34	M	Benzene	20.000	19.907	0.5	109	0.00
35		Methacrylonitrile	20.000	19.746	1.3	103	0.00
36	M	1,2-Dichloroethane	20.000	19.732	1.3	110	0.00
37	M	Trichloroethene	20.000	19.656	1.7	107	0.00
38		Methylcyclohexane	20.000	20.187	-0.9	113	0.00
39	M	1,2-Dichloropropane	20.000	19.846	0.8	109	0.00
40		Dibromomethane	20.000	19.616	1.9	109	0.00
41	M	Bromodichloromethane	20.000	19.110	4.5	109	0.00
42	M	Vinyl Acetate	100.000	98.930	1.1	109	0.00
43		Ethyl Acetate	20.000	20.774	-3.9	114	0.00
44		Isopropyl Acetate	20.000	19.966	0.2	110	0.00
45	T	1,4-Dioxane	400.000	410.037	-2.5	115	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.657	1.7	110	0.00
47		n-amyl Acetate	20.000	19.082	4.6	113	0.00
48	M	t-1,3-Dichloropropene	20.000	19.212	3.9	112	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.894	0.5	112	0.00
50	M	1,1,2-Trichloroethane	20.000	19.883	0.6	109	0.00
51		Ethyl methacrylate	20.000	19.607	2.0	113	0.00
52		1,3-Dichloropropane	20.000	19.868	0.7	109	0.00
53	M	Dibromochloromethane	20.000	19.527	2.4	110	0.00
54	M	1,2-Dibromoethane	20.000	19.273	3.6	110	0.00
55	M	2-Chloroethyl vinyl ether	100.000	95.240	4.8	125	0.00
56	M	Bromoform	20.000	19.132	4.3	115	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58	M	4-Methyl-2-Pentanone	100.000	103.027	-3.0	110	0.00
59	M	2-Hexanone	100.000	105.528	-5.5	112	0.00
60	S	4-Bromofluorobenzene	30.000	29.347	2.2	113	0.00
61	M	Tetrachloroethene	20.000	20.111	-0.6	107	0.00
62	M	Toluene	20.000	19.886	0.6	108	0.00
63	S	Toluene-d8	30.000	29.958	0.1	106	0.00
64	M	Chlorobenzene	20.000	20.156	-0.8	112	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.021	-0.1	110	0.00
66	M	Ethyl Benzene	20.000	20.103	-0.5	111	0.00
67	M	m/p-Xylenes	40.000	41.069	-2.7	114	0.00
68	M	o-Xylene	20.000	19.874	0.6	108	0.00
69	M	Styrene	20.000	19.821	0.9	115	0.00
70		Isopropylbenzene	20.000	19.980	0.1	111	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.535	-2.7	114	0.00
72		1,2,3-Trichloropropane	20.000	20.063	-0.3	113	0.00
73		Bromobenzene	20.000	19.569	2.2	112	0.00
74		n-propylbenzene	20.000	20.035	-0.2	116	0.00
75		2-Chlorotoluene	20.000	20.071	-0.4	113	0.00
76		1,3,5-Trimethylbenzene	20.000	20.045	-0.2	112	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.389	3.1	112	0.00
78		4-Chlorotoluene	20.000	19.557	2.2	118	0.00
79		tert-butylbenzene	20.000	19.787	1.1	110	0.00
80		1,2,4-Trimethylbenzene	20.000	20.547	-2.7	115	0.00
81		sec-Butylbenzene	20.000	20.047	-0.2	114	0.00
82		p-Isopropyltoluene	20.000	20.005	-0.0	118	0.00
83	M	1,3-Dichlorobenzene	20.000	19.520	2.4	118	0.00
84	M	1,4-Dichlorobenzene	20.000	19.700	1.5	124	0.00
85		n-Butylbenzene	20.000	20.264	-1.3	128	0.00
86	T	Hexachloroethane	20.000	20.407	-2.0	116	0.00
87	M	1,2-Dichlorobenzene	20.000	19.516	2.4	114	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.268	3.7	119	0.00
89		1,2,4-Trichlorobenzene	20.000	17.546	12.3	154	0.00
90		Hexachlorobutadiene	20.000	22.331	-11.7	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	21.656	-8.3	137	0.00
92	1,2,3-Trichlorobenzene	20.000	18.878	5.6	148	0.00

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