Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100620\
Data File : VN063893.D
Acq On : 6 Oct 2020 14:31
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN100620

Quant Time: Oct 06 16:49:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 06 16:42:38 2020
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	119	0.00
2	M	Dichlorodifluoromethane	20.000	20.846	-4.2	108	0.00
3	M	Chloromethane	20.000	19.199	4.0	104	0.00
4	M	Vinyl Chloride	20.000	19.978	0.1	108	0.00
5	M	Bromomethane	20.000	19.322	3.4	107	0.02
6	M	Chloroethane	20.000	18.825	5.9	103	0.01
7	M	Trichlorofluoromethane	20.000	19.768	1.2	109	0.01
8	T	Diethyl Ether	20.000	19.032	4.8	108	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.992	0.0	109	0.00
10	M	1,1-Dichloroethene	20.000	19.377	3.1	108	0.00
11		Methyl Iodide	20.000	16.421	17.9	92	0.00
12		Methyl Acetate	20.000	17.511	12.4	97	0.00
13	M	Acrolein	100.000	92.814	7.2	128	0.00
14	M	Acrylonitrile	100.000	86.518	13.5	100	0.00
15	M	Acetone	100.000	93.824	6.2	105	0.00
16	M	Carbon Disulfide	20.000	19.493	2.5	110	0.00
17		Allyl chloride	20.000	19.176	4.1	101	0.00
18	M	Methylene Chloride	20.000	18.835	5.8	103	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.409	3.0	113	0.00
20	T	Diisopropyl ether	20.000	19.243	3.8	109	0.00
21	M	1,1-Dichloroethane	20.000	19.228	3.9	106	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.121	-0.6	117	0.00
23	M	tert-Butyl Alcohol	100.000	83.773	16.2	94	-0.02
24	M	Methyl tert-Butyl Ether	20.000	19.244	3.8	107	0.00
25	M	Chloroform	20.000	18.976	5.1	105	0.00
26		Cyclohexane	20.000	19.643	1.8	114	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.927	-3.1	121	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	124	0.00
29		1,1-Dichloropropene	20.000	18.242	8.8	106	0.00
30	M	2-Butanone	100.000	83.908	16.1	100	0.00
31		2,2-Dichloropropane	20.000	18.674	6.6	108	0.00
32	M	1,1,1-Trichloroethane	20.000	18.444	7.8	106	0.00
33	M	Carbon Tetrachloride	20.000	18.161	9.2	106	0.00
34	M	Benzene	20.000	18.411	7.9	107	0.00
35		Methacrylonitrile	20.000	14.877	25.6	94	0.00
36	M	1,2-Dichloroethane	20.000	17.582	12.1	103	0.00
37	M	Trichloroethene	20.000	18.265	8.7	110	0.00
38		Methylcyclohexane	20.000	18.989	5.1	114	0.00
39	M	1,2-Dichloropropane	20.000	18.385	8.1	105	0.00
40		Dibromomethane	20.000	17.553	12.2	101	0.00
41	M	Bromodichloromethane	20.000	18.100	9.5	107	0.00
42	M	Vinyl Acetate	100.000	88.416	11.6	104	0.00
43		Ethyl Acetate	20.000	16.521	17.4	101	0.00
44		Isopropyl Acetate	20.000	17.044	14.8	100	0.00
45	T	1,4-Dioxane	400.000	285.178	28.7	86	0.00

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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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)
46		Methyl methacrylate	20.000	16.657	16.7	97	0.00
47		n-amyl Acetate	20.000	15.937	20.3	99	0.00
48	M	t-1,3-Dichloropropene	20.000	17.778	11.1	105	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.340	8.3	111	0.00
50	M	1,1,2-Trichloroethane	20.000	18.000	10.0	107	0.00
51		Ethyl methacrylate	20.000	17.165	14.2	104	0.00
52		1,3-Dichloropropane	20.000	17.826	10.9	107	0.00
53	M	Dibromochloromethane	20.000	17.721	11.4	104	0.00
54	M	1,2-Dibromoethane	20.000	17.833	10.8	105	0.00
55	M	2-Chloroethyl vinyl ether	100.000	58.018	42.0#	74	0.00
56	M	Bromoform	20.000	16.685	16.6	103	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	125	0.00
58	M	4-Methyl-2-Pentanone	100.000	83.221	16.8	97	0.00
59	M	2-Hexanone	100.000	81.737	18.3	97	0.00
60	S	4-Bromofluorobenzene	30.000	28.921	3.6	125	0.00
61	M	Tetrachloroethene	20.000	19.108	4.5	109	0.00
62	M	Toluene	20.000	18.086	9.6	108	0.00
63	S	Toluene-d8	30.000	29.955	0.2	124	0.00
64	M	Chlorobenzene	20.000	18.417	7.9	110	0.00
65		1,1,1,2-Tetrachloroethane	20.000	17.665	11.7	105	0.00
66	M	Ethyl Benzene	20.000	18.446	7.8	111	0.00
67	M	m/p-Xylenes	40.000	37.337	6.7	111	0.00
68	M	o-Xylene	20.000	17.902	10.5	109	0.00
69	M	Styrene	20.000	17.867	10.7	109	0.00
70		Isopropylbenzene	20.000	18.395	8.0	112	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	16.801	16.0	101	0.00
72		1,2,3-Trichloropropane	20.000	15.821	20.9	92	0.00
73		Bromobenzene	20.000	18.207	9.0	113	0.00
74		n-propylbenzene	20.000	18.459	7.7	112	0.00
75		2-Chlorotoluene	20.000	18.882	5.6	114	0.00
76		1,3,5-Trimethylbenzene	20.000	18.569	7.2	113	0.00
77		t-1,4-Dichloro-2-butene	20.000	15.885	20.6	100	0.00
78		4-Chlorotoluene	20.000	18.495	7.5	112	0.00
79		tert-butylbenzene	20.000	18.249	8.8	113	0.00
80		1,2,4-Trimethylbenzene	20.000	18.110	9.5	110	0.00
81		sec-Butylbenzene	20.000	18.232	8.8	111	0.00
82		p-Isopropyltoluene	20.000	18.091	9.5	113	0.00
83	M	1,3-Dichlorobenzene	20.000	18.179	9.1	112	0.00
84	M	1,4-Dichlorobenzene	20.000	18.120	9.4	113	0.00
85		n-Butylbenzene	20.000	18.451	7.7	116	0.00
86	T	Hexachloroethane	20.000	17.464	12.7	109	0.00
87	M	1,2-Dichlorobenzene	20.000	17.823	10.9	108	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	15.743	21.3	95	0.00
89		1,2,4-Trichlorobenzene	20.000	18.073	9.6	114	0.00
90		Hexachlorobutadiene	20.000	19.345	3.3	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.163	14.2	105	0.00
92	1,2,3-Trichlorobenzene	20.000	18.192	9.0	112	0.00

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