Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011321\
Data File : VN065499.D
Acq On : 13 Jan 2021 20:23
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN011321

Quant Time: Jan 14 04:13:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jan 14 04:12:08 2021
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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	104	0.00
2	M	Dichlorodifluoromethane	1.493	1.346	9.8	103	0.00
3	M	Chloromethane	1.848	1.676	9.3	103	0.00
4	M	Vinyl Chloride	2.036	1.809	11.1	103	0.00
5	M	Bromomethane	1.452	1.421	2.1	109	0.00
6	M	Chloroethane	1.324	1.199	9.4	104	0.00
7	M	Trichlorofluoromethane	2.712	2.486	8.3	104	0.00
8	T	Diethyl Ether	1.103	1.017	7.8	103	0.00
9		1,1,2-Trichlorotrifluoroeth	1.611	1.485	7.8	103	0.00
10	M	1,1-Dichloroethene	1.650	1.498	9.2	103	0.00
11		Methyl Iodide	2.604	2.151	17.4	95	0.00
12		Methyl Acetate	1.616	1.497	7.4	102	0.00
13	M	Acrolein	0.273	0.249	8.8	105	0.00
14	M	Acrylonitrile	0.732	0.668	8.7	102	0.00
15	M	Acetone	0.224	0.203	9.4	98	0.00
16	M	Carbon Disulfide	4.011	3.594	10.4	106	0.00
17		Allyl chloride	2.339	2.087	10.8	104	0.00
18	M	Methylene Chloride	1.790	1.646	8.0	103	0.00
19	M	trans-1,2-Dichloroethene	1.660	1.519	8.5	104	0.00
20	T	Diisopropyl ether	4.899	4.522	7.7	104	0.00
21	M	1,1-Dichloroethane	2.927	2.713	7.3	105	0.00
22	M	cis-1,2-Dichloroethene	1.923	1.752	8.9	106	0.00
23	M	tert-Butyl Alcohol	0.226	0.212	6.2	103	0.00
24	M	Methyl tert-Butyl Ether	4.838	4.446	8.1	106	0.00
25	M	Chloroform	3.020	2.731	9.6	103	0.00
26		Cyclohexane	2.457	2.202	10.4	105	0.00
27	s	1,2-Dichloroethane-d4	1.874	1.916	-2.2	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29		1,1-Dichloropropene	0.426	0.383	10.1	107	0.00
30	M	2-Butanone	0.172	0.151	12.2	98	0.00
31		2,2-Dichloropropane	0.440	0.376	14.5	100	0.00
32	M	1,1,1-Trichloroethane	0.482	0.427	11.4	103	0.00
33	M	Carbon Tetrachloride	0.424	0.370	12.7	103	0.00
34	M	Benzene	1.312	1.165	11.2	103	0.00
35		Methacrylonitrile	0.179	0.156	12.8	96	0.00
36	M	1,2-Dichloroethane	0.433	0.390	9.9	101	0.00
37	M	Trichloroethene	0.391	0.351	10.2	106	0.00
38		Methylcyclohexane	0.495	0.431	12.9	106	0.00
39	M	1,2-Dichloropropane	0.341	0.301	11.7	102	0.00
40		Dibromomethane	0.228	0.206	9.6	104	0.00
41	M	Bromodichloromethane	0.442	0.386	12.7	103	0.00
42	M	Vinyl Acetate	0.745	0.669	10.2	103	0.00
43		Ethyl Acetate	0.367	0.341	7.1	109	0.00
44		Isopropyl Acetate	0.614	0.545	11.2	102	0.00
45	T	1,4-Dioxane	0.004	0.004#	0.0	100	0.00
46		Methyl methacrylate	0.303	0.273	9.9	106	0.00
47		n-amyl Acetate	0.531	0.439	17.3	102	0.00
48	M	t-1,3-Dichloropropene	0.490	0.420	14.3	106	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.539	0.471	12.6	104	0.00
50	M	1,1,2-Trichloroethane	0.334	0.301	9.9	104	0.00
51		Ethyl methacrylate	0.468	0.407	13.0	104	0.00
52		1,3-Dichloropropane	0.553	0.493	10.8	104	0.00
53	M	Dibromochloromethane	0.370	0.316	14.6	104	0.00
54	M	1,2-Dibromoethane	0.357	0.316	11.5	105	0.00
55	M	2-Chloroethyl vinyl ether	0.205	0.186	9.3	108	0.00
56	M	Bromoform	0.288	0.240	16.7	105	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.398	0.361	9.3	101	0.00
59	M	2-Hexanone	0.288	0.257	10.8	101	0.00
60	S	4-Bromofluorobenzene	0.454	0.448	1.3	106	0.00
61	M	Tetrachloroethene	0.479	0.438	8.6	103	0.00
62	M	Toluene	1.566	1.426	8.9	105	0.00
63	S	Toluene-d8	1.313	1.320	-0.5	104	0.00
64	M	Chlorobenzene	1.018	0.912	10.4	105	0.00
65		1,1,1,2-Tetrachloroethane	0.383	0.338	11.7	102	0.00
66	M	Ethyl Benzene	1.712	1.524	11.0	105	0.00
67	M	m/p-Xylenes	0.670	0.599	10.6	105	0.00
68	M	o-Xylene	0.647	0.579	10.5	105	0.00
69	M	Styrene	1.081	0.941	13.0	104	0.00
70		Isopropylbenzene	1.692	1.502	11.2	104	0.00
71	M	1,1,2,2-Tetrachloroethane	0.481	0.425	11.6	103	0.00
72		1,2,3-Trichloropropane	0.457	0.402	12.0	103	0.00
73		Bromobenzene	0.484	0.425	12.2	104	0.00
74		n-propylbenzene	1.896	1.661	12.4	104	0.00
75		2-Chlorotoluene	1.144	1.025	10.4	105	0.00
76		1,3,5-Trimethylbenzene	1.450	1.286	11.3	104	0.00
77		t-1,4-Dichloro-2-butene	0.161	0.130	19.3	102	0.00
78		4-Chlorotoluene	1.157	1.001	13.5	102	0.00
79		tert-butylbenzene	1.246	1.096	12.0	104	0.00
80		1,2,4-Trimethylbenzene	1.443	1.272	11.9	104	0.00
81		sec-Butylbenzene	1.611	1.409	12.5	104	0.00
82		p-Isopropyltoluene	1.505	1.310	13.0	105	0.00
83	M	1,3-Dichlorobenzene	0.802	0.675	15.8	102	0.00
84	M	1,4-Dichlorobenzene	0.783	0.649	17.1	104	0.00
85		n-Butylbenzene	1.190	1.008	15.3	105	0.00
86	T	Hexachloroethane	0.248	0.204	17.7	103	0.00
87	M	1,2-Dichlorobenzene	0.790	0.685	13.3	104	0.00
88		1,2-Dibromo-3-Chloropropane	0.086	0.071	17.4	103	0.00
89		1,2,4-Trichlorobenzene	0.407	0.301	26.0	106	0.00
90		Hexachlorobutadiene	0.276	0.241	12.7	103	0.00
91	M	Naphthalene	1.005	0.700	30.3#	105	0.00
92		1,2,3-Trichlorobenzene	0.401	0.303	24.4	103	0.00

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