Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
Data File : VN066581.D
Acq On : 13 Apr 2021 16:14
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN041321

Quant Time: Apr 15 19:24:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 15 19:20:03 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	105	-0.02
2	M	Dichlorodifluoromethane	2.164	2.012	7.0	104	0.00
3	M	Chloromethane	3.036	2.673	12.0	103	0.00
4	M	Vinyl Chloride	2.780	2.455	11.7	100	0.00
5	M	Bromomethane	1.858	1.610	13.3	100	0.00
6	M	Chloroethane	1.853	1.656	10.6	105	0.00
7	M	Trichlorofluoromethane	4.000	3.505	12.4	100	0.00
8	T	Diethyl Ether	1.476	1.275	13.6	101	0.00
9		1,1,2-Trichlorotrifluoroeth	2.065	1.869	9.5	103	0.00
10	M	1,1-Dichloroethene	2.013	1.782	11.5	100	0.00
11		Methyl Iodide	2.497	2.335	6.5	101	-0.01
12		Methyl Acetate	4.180	3.292	21.2	92	0.00
13	M	Acrolein	0.449	0.360	19.8	102	0.00
14	M	Acrylonitrile	1.108	0.898	19.0	94	0.00
15	M	Acetone	0.408	0.362	11.3	111	0.00
16	M	Carbon Disulfide	6.926	5.896	14.9	100	-0.01
17		Allyl chloride	5.320	4.369	17.9	88	-0.01
18	M	Methylene Chloride	2.281	1.916	16.0	102	-0.01
19	M	trans-1,2-Dichloroethene	1.925	1.656	14.0	101	-0.01
20	T	Diisopropyl ether	7.757	6.947	10.4	102	0.00
21	M	1,1-Dichloroethane	4.123	3.623	12.1	103	-0.01
22	M	cis-1,2-Dichloroethene	2.086	1.817	12.9	103	0.00
23	M	tert-Butyl Alcohol	0.369	0.288	22.0	95	0.02
24	M	Methyl tert-Butyl Ether	6.050	5.271	12.9	102	0.00
25	M	Chloroform	4.048	3.526	12.9	102	0.00
26		Cyclohexane	3.520	2.791	20.7	109	-0.01
27	s	1,2-Dichloroethane-d4	2.766	2.689	2.8	102	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29		1,1-Dichloropropene	0.597	0.524	12.2	103	0.00
30	M	2-Butanone	0.338	0.283	16.3	101	0.00
31		2,2-Dichloropropane	0.729	0.652	10.6	108	0.00
32	M	1,1,1-Trichloroethane	0.733	0.650	11.3	104	0.00
33	M	Carbon Tetrachloride	0.618	0.537	13.1	101	0.00
34	M	Benzene	1.794	1.567	12.7	103	0.00
35		Methacrylonitrile	0.327	0.299	8.6	125	-0.01
36	M	1,2-Dichloroethane	0.730	0.612	16.2	99	0.00
37	M	Trichloroethene	0.407	0.356	12.5	104	0.00
38		Methylcyclohexane	0.591	0.530	10.3	110	0.00
39	M	1,2-Dichloropropane	0.506	0.447	11.7	106	0.00
40		Dibromomethane	0.319	0.272	14.7	100	0.00
41	M	Bromodichloromethane	0.696	0.589	15.4	99	0.00
42	M	Vinyl Acetate	1.350	1.212	10.2	100	0.00
43		Ethyl Acetate	0.752	0.617	18.0	106	0.00
44		Isopropyl Acetate	1.176	0.995	15.4	100	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	88	0.00
46		Methyl methacrylate	0.537	0.435	19.0	97	0.00
47		n-amyl Acetate	0.341	0.291	14.7	116	0.00
48	M	t-1,3-Dichloropropene	0.677	0.587	13.3	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.720	0.635	11.8	103	0.00
50	M	1,1,2-Trichloroethane	0.431	0.365	15.3	100	0.00
51		Ethyl methacrylate	0.549	0.448	18.4	97	0.00
52		1,3-Dichloropropane	0.738	0.641	13.1	102	0.00
53	M	Dibromochloromethane	0.469	0.402	14.3	102	0.00
54	M	1,2-Dibromoethane	0.423	0.368	13.0	101	0.00
55	M	2-Chloroethyl vinyl ether	0.051	0.045#	11.8	102	0.00
56	M	Bromoform	0.305	0.257	15.7	100	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.709	0.593	16.4	97	0.00
59	M	2-Hexanone	0.460	0.389	15.4	98	0.00
60	S	4-Bromofluorobenzene	0.457	0.467	-2.2	104	0.00
61	M	Tetrachloroethene	0.367	0.334	9.0	107	0.00
62	M	Toluene	1.853	1.632	11.9	102	0.00
63	S	Toluene-d8	1.438	1.463	-1.7	104	0.00
64	M	Chlorobenzene	1.074	0.965	10.1	105	0.00
65		1,1,1,2-Tetrachloroethane	0.442	0.379	14.3	100	0.00
66	M	Ethyl Benzene	1.895	1.694	10.6	105	0.00
67	M	m/p-Xylenes	0.706	0.630	10.8	103	0.00
68	M	o-Xylene	0.647	0.573	11.4	100	0.00
69	M	Styrene	1.074	0.955	11.1	100	0.00
70		Isopropylbenzene	1.713	1.557	9.1	104	0.00
71	M	1,1,2,2-Tetrachloroethane	0.644	0.535	16.9	97	0.00
72		1,2,3-Trichloropropane	0.602	0.511	15.1	102	0.00
73		Bromobenzene	0.420	0.383	8.8	104	0.00
74		n-propylbenzene	2.026	1.867	7.8	106	0.00
75		2-Chlorotoluene	1.269	1.126	11.3	102	0.00
76		1,3,5-Trimethylbenzene	1.450	1.284	11.4	101	0.00
77		t-1,4-Dichloro-2-butene	0.136	0.113	16.9	89	0.00
78		4-Chlorotoluene	1.183	1.076	9.0	102	0.00
79		tert-butylbenzene	1.192	1.055	11.5	101	0.00
80		1,2,4-Trimethylbenzene	1.367	1.247	8.8	104	0.00
81		sec-Butylbenzene	1.627	1.474	9.4	106	0.00
82		p-Isopropyltoluene	1.359	1.232	9.3	104	0.00
83	M	1,3-Dichlorobenzene	0.734	0.666	9.3	105	0.00
84	M	1,4-Dichlorobenzene	0.758	0.643	15.2	116	0.00
85		n-Butylbenzene	1.202	1.019	15.2	108	0.00
86	T	Hexachloroethane	0.328	0.270	17.7	100	0.00
87	M	1,2-Dichlorobenzene	0.718	0.645	10.2	103	0.00
88		1,2-Dibromo-3-Chloropropane	0.119	0.069	42.0#	68	0.00
89		1,2,4-Trichlorobenzene	0.421	0.344	18.3	104	0.00
90		Hexachlorobutadiene	0.238	0.206	13.4	107	0.00
91	M	Naphthalene	1.128	0.885	21.5	107	0.00
92		1,2,3-Trichlorobenzene	0.407	0.336	17.4	103	0.00

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