Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032421\
Data File : VN066314.D
Acq On : 24 Mar 2021 17:08
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN032421

Quant Time: Mar 25 05:59:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 25 05:52:50 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	100	0.00
2	M	Dichlorodifluoromethane	1.678	1.665	0.8	100	0.00
3	M	Chloromethane	2.109	2.129	-0.9	103	0.00
4	M	Vinyl Chloride	2.217	2.250	-1.5	102	0.00
5	M	Bromomethane	1.569	1.592	-1.5	106	0.01
6	M	Chloroethane	1.420	1.402	1.3	101	0.00
7	M	Trichlorofluoromethane	3.198	3.234	-1.1	105	0.00
8	T	Diethyl Ether	1.080	1.072	0.7	99	0.00
9		1,1,2-Trichlorotrifluoroeth	1.565	1.593	-1.8	103	0.00
10	M	1,1-Dichloroethene	1.549	1.531	1.2	102	0.00
11		Methyl Iodide	2.228	2.197	1.4	96	0.00
12		Methyl Acetate	2.405	2.498	-3.9	100	0.00
13	M	Acrolein	0.167	0.126	24.6	91	0.00
14	M	Acrylonitrile	0.992	0.982	1.0	98	0.00
15	M	Acetone	0.289	0.282	2.4	104	0.00
16	M	Carbon Disulfide	4.291	4.234	1.3	100	0.00
17		Allyl chloride	2.799	2.987	-6.7	101	0.00
18	M	Methylene Chloride	1.851	1.851	0.0	100	0.00
19	M	trans-1,2-Dichloroethene	1.704	1.662	2.5	99	0.00
20	T	Diisopropyl ether	6.143	6.218	-1.2	101	0.00
21	M	1,1-Dichloroethane	3.325	3.351	-0.8	101	0.00
22	M	cis-1,2-Dichloroethene	2.040	2.036	0.2	100	0.00
23	M	tert-Butyl Alcohol	0.407	0.398	2.2	94	0.01
24	M	Methyl tert-Butyl Ether	5.910	5.956	-0.8	101	0.00
25	M	Chloroform	3.359	3.342	0.5	99	0.00
26		Cyclohexane	2.949	2.976	-0.9	102	0.00
27	s	1,2-Dichloroethane-d4	2.306	2.303	0.1	99	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.449	0.429	4.5	100	0.00
30	M	2-Butanone	0.263	0.253	3.8	100	0.00
31		2,2-Dichloropropane	0.556	0.546	1.8	101	0.00
32	M	1,1,1-Trichloroethane	0.544	0.533	2.0	102	0.00
33	M	Carbon Tetrachloride	0.459	0.447	2.6	101	0.00
34	M	Benzene	1.367	1.331	2.6	100	0.00
35		Methacrylonitrile	0.222	0.233	-5.0	114	0.00
36	M	1,2-Dichloroethane	0.501	0.473	5.6	95	0.00
37	M	Trichloroethene	0.357	0.351	1.7	102	0.00
38		Methylcyclohexane	0.555	0.541	2.5	102	0.00
39	M	1,2-Dichloropropane	0.370	0.359	3.0	100	0.00
40		Dibromomethane	0.238	0.229	3.8	99	0.00
41	M	Bromodichloromethane	0.504	0.489	3.0	100	0.00
42	M	Vinyl Acetate	0.991	0.960	3.1	100	0.00
43		Ethyl Acetate	0.506	0.518	-2.4	103	0.00
44		Isopropyl Acetate	0.904	0.881	2.5	99	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	92	0.01
46		Methyl methacrylate	0.422	0.405	4.0	99	0.00
47		n-amyl Acetate	0.366	0.328	10.4	87	0.00
48	M	t-1,3-Dichloropropene	0.547	0.535	2.2	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.588	0.573	2.6	101	0.00
50	M	1,1,2-Trichloroethane	0.341	0.332	2.6	99	0.00
51		Ethyl methacrylate	0.533	0.515	3.4	98	0.00
52		1,3-Dichloropropane	0.568	0.553	2.6	100	0.00
53	M	Dibromochloromethane	0.383	0.378	1.3	100	0.00
54	M	1,2-Dibromoethane	0.351	0.339	3.4	98	0.00
55	M	2-Chloroethyl vinyl ether	0.079	0.068	13.9	84	0.00
56	M	Bromoform	0.281	0.267	5.0	97	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58	M	4-Methyl-2-Pentanone	0.601	0.608	-1.2	99	0.00
59	M	2-Hexanone	0.414	0.408	1.4	97	0.00
60	S	4-Bromofluorobenzene	0.468	0.462	1.3	95	0.00
61	M	Tetrachloroethene	0.413	0.421	-1.9	100	0.00
62	M	Toluene	1.661	1.670	-0.5	100	0.00
63	S	Toluene-d8	1.408	1.429	-1.5	99	0.00
64	M	Chlorobenzene	0.976	0.985	-0.9	99	0.00
65		1,1,1,2-Tetrachloroethane	0.383	0.385	-0.5	100	0.00
66	M	Ethyl Benzene	1.789	1.791	-0.1	99	0.00
67	M	m/p-Xylenes	0.665	0.673	-1.2	100	0.00
68	M	o-Xylene	0.656	0.648	1.2	98	0.00
69	M	Styrene	1.052	1.055	-0.3	99	0.00
70		Isopropylbenzene	1.727	1.720	0.4	98	0.00
71	M	1,1,2,2-Tetrachloroethane	0.553	0.550	0.5	95	0.00
72		1,2,3-Trichloropropane	0.534	0.533	0.2	95	0.00
73		Bromobenzene	0.426	0.419	1.6	96	0.00
74		n-propylbenzene	1.909	1.927	-0.9	100	0.00
75		2-Chlorotoluene	1.156	1.152	0.3	99	0.00
76		1,3,5-Trimethylbenzene	1.421	1.429	-0.6	100	0.00
77		t-1,4-Dichloro-2-butene	0.173	0.162	6.4	89	0.00
78		4-Chlorotoluene	1.134	1.141	-0.6	98	0.00
79		tert-butylbenzene	1.235	1.221	1.1	99	0.00
80		1,2,4-Trimethylbenzene	1.378	1.377	0.1	100	0.00
81		sec-Butylbenzene	1.577	1.585	-0.5	100	0.00
82		p-Isopropyltoluene	1.389	1.424	-2.5	103	0.00
83	M	1,3-Dichlorobenzene	0.698	0.701	-0.4	100	0.00
84	M	1,4-Dichlorobenzene	0.679	0.693	-2.1	100	0.00
85		n-Butylbenzene	1.133	1.172	-3.4	103	0.00
86	T	Hexachloroethane	0.256	0.253	1.2	97	0.00
87	M	1,2-Dichlorobenzene	0.690	0.719	-4.2	103	0.00
88		1,2-Dibromo-3-Chloropropane	0.113	0.120	-6.2	101	0.00
89		1,2,4-Trichlorobenzene	0.441	0.455	-3.2	105	0.00
90		Hexachlorobutadiene	0.239	0.246	-2.9	106	0.00
91	M	Naphthalene	1.341	1.413	-5.4	105	0.00
92		1,2,3-Trichlorobenzene	0.432	0.450	-4.2	105	0.00

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