Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
Data File : VN078721.D
Acq On : 01 Aug 2023 17:00
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123

Quant Time: Aug 02 04:26:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 02 04:20:43 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	95	0.00
2	M	Dichlorodifluoromethane	1.892	1.780	5.9	101	0.00
3	M	Chloromethane	2.329	2.507	-7.6	102	0.00
4	M	Vinyl Chloride	3.166	3.331	-5.2	106	0.00
5	M	Bromomethane	2.366	2.212	6.5	97	0.00
6	M	Chloroethane	2.062	2.058	0.2	107	0.00
7	M	Trichlorofluoromethane	3.247	4.903	-51.0#	154#	0.00
8	T	Diethyl Ether	1.060	1.043	1.6	103	0.00
9		1,1,2-Trichlorotrifluoroeth	1.743	1.736	0.4	106	0.00
10	M	1,1-Dichloroethene	1.671	1.654	1.0	100	0.00
11		Methyl Iodide	2.349	2.328	0.9	104	0.00
12		Methyl Acetate	2.711	2.717	-0.2	105	0.00
13	M	Acrolein	0.289	0.302	-4.5	109	0.00
14	M	Acrylonitrile	0.794	0.787	0.9	104	0.00
15	M	Acetone	0.230	0.235	-2.2	109	0.00
16	M	Carbon Disulfide	4.721	4.446	5.8	95	0.00
17		Allyl chloride	2.282	2.088	8.5	88	0.01
18	M	Methylene Chloride	2.005	2.028	-1.1	105	0.00
19	M	trans-1,2-Dichloroethene	1.932	1.823	5.6	99	0.00
20	T	Diisopropyl ether	5.138	5.108	0.6	101	0.00
21	M	1,1-Dichloroethane	3.402	3.426	-0.7	105	0.00
22	M	cis-1,2-Dichloroethene	2.170	2.158	0.6	99	0.00
23	M	tert-Butyl Alcohol	0.324	0.315	2.8	100	0.00
24	M	Methyl tert-Butyl Ether	5.620	5.528	1.6	101	0.01
25	M	Chloroform	3.602	3.718	-3.2	106	0.00
26		Cyclohexane	2.506	2.590	-3.4	99	0.00
27	s	1,2-Dichloroethane-d4	2.249	2.238	0.5	97	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29		1,1-Dichloropropene	0.441	0.472	-7.0	102	0.00
30	M	2-Butanone	0.175	0.192	-9.7	104	0.00
31		2,2-Dichloropropane	0.507	0.542	-6.9	100	0.00
32	M	1,1,1-Trichloroethane	0.558	0.618	-10.8	104	0.00
33	M	Carbon Tetrachloride	0.496	0.546	-10.1	105	0.00
34	M	Benzene	1.326	1.440	-8.6	104	0.00
35		Methacrylonitrile	0.192	0.211	-9.9	105	0.00
36	M	1,2-Dichloroethane	0.466	0.507	-8.8	101	0.00
37	M	Trichloroethene	0.372	0.378	-1.6	100	0.00
38		Methylcyclohexane	0.454	0.462	-1.8	102	0.00
39	M	1,2-Dichloropropane	0.355	0.357	-0.6	101	0.00
40		Dibromomethane	0.246	0.267	-8.5	105	0.00
41	M	Bromodichloromethane	0.492	0.547	-11.2	105	0.00
42	M	Vinyl Acetate	0.561	0.579	-3.2	98	0.00
43		Ethyl Acetate	0.361	0.350	3.0	82	0.00
44		Isopropyl Acetate	0.633	0.695	-9.8	101	0.00
45	T	1,4-Dioxane	0.006	0.007	-16.7	115	0.00
46		Methyl methacrylate	0.290	0.321	-10.7	109	0.00
47		n-amyl Acetate	0.487	0.602	-23.6	120	0.00
48	M	t-1,3-Dichloropropene	0.525	0.531	-1.1	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.558	0.572	-2.5	99	0.00
50	M	1,1,2-Trichloroethane	0.348	0.352	-1.1	90	0.00
51		Ethyl methacrylate	0.477	0.499	-4.6	96	0.00
52		1,3-Dichloropropane	0.626	0.612	2.2	97	0.00
53	M	Dibromochloromethane	0.393	0.403	-2.5	93	0.00
54	M	1,2-Dibromoethane	0.350	0.364	-4.0	93	0.00
55	M	2-Chloroethyl vinyl ether	0.152	0.174	-14.5	104	0.00
56	M	Bromoform	0.257	0.275	-7.0	107	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	0.449	0.448	0.2	103	0.00
59	M	2-Hexanone	0.340	0.327	3.8	96	0.00
60	S	4-Bromofluorobenzene	0.450	0.432	4.0	99	0.00
61	M	Tetrachloroethene	0.394	0.372	5.6	98	0.00
62	M	Toluene	1.805	1.803	0.1	102	0.00
63	S	Toluene-d8	1.482	1.441	2.8	98	0.00
64	M	Chlorobenzene	1.054	1.070	-1.5	102	0.00
65		1,1,1,2-Tetrachloroethane	0.416	0.427	-2.6	101	0.00
66	M	Ethyl Benzene	1.819	1.843	-1.3	100	0.00
67	M	m/p-Xylenes	0.695	0.708	-1.9	102	0.00
68	M	o-Xylene	0.707	0.723	-2.3	107	0.00
69	M	Styrene	1.137	1.149	-1.1	109	0.00
70		Isopropylbenzene	1.749	1.779	-1.7	105	0.00
71	M	1,1,2,2-Tetrachloroethane	0.568	0.561	1.2	103	0.00
72		1,2,3-Trichloropropane	0.477	0.459	3.8	104	0.00
73		Bromobenzene	0.429	0.425	0.9	102	0.00
74		n-propylbenzene	1.938	1.881	2.9	102	0.00
75		2-Chlorotoluene	1.339	1.207	9.9	104	0.00
76		1,3,5-Trimethylbenzene	1.561	1.415	9.4	102	0.00
77		t-1,4-Dichloro-2-butene	0.167	0.159	4.8	101	0.00
78		4-Chlorotoluene	1.292	1.119	13.4	96	0.00
79		tert-butylbenzene	1.344	1.205	10.3	103	0.00
80		1,2,4-Trimethylbenzene	1.491	1.342	10.0	99	0.00
81		sec-Butylbenzene	1.722	1.512	12.2	102	0.00
82		p-Isopropyltoluene	1.414	1.209	14.5	95	0.00
83	M	1,3-Dichlorobenzene	0.760	0.675	11.2	96	0.00
84	M	1,4-Dichlorobenzene	0.712	0.648	9.0	99	0.00
85		n-Butylbenzene	0.981	0.883	10.0	98	0.00
86	T	Hexachloroethane	0.258	0.248	3.9	104	0.00
87	M	1,2-Dichlorobenzene	0.711	0.699	1.7	105	0.00
88		1,2-Dibromo-3-Chloropropane	0.096	0.087	9.4	102	0.00
89		1,2,4-Trichlorobenzene	0.203	0.180	11.3	93	0.00
90		Hexachlorobutadiene	0.155	0.151	2.6	99	0.00
91	M	Naphthalene	0.615	0.551	10.4	93	0.00
92		1,2,3-Trichlorobenzene	0.231	0.216	6.5	96	0.00

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