Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
Data File : VN074059.D
Acq On : 23 Aug 2022 10:20
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 24 01:19:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 27 18:07:26 2022
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	146	0.00
2	M	Dichlorodifluoromethane	2.039	2.033	0.3	145	0.00
3	M	Chloromethane	2.696	2.408	10.7	124	0.00
4	M	Vinyl Chloride	3.309	2.779	16.0	122	0.00
5	M	Bromomethane	1.681	1.609	4.3	121	0.00
6	M	Chloroethane	2.242	1.776	20.8	114	0.00
7	M	Trichlorofluoromethane	3.255	3.321	-2.0	151#	0.00
8	T	Diethyl Ether	1.310	1.296	1.1	152#	0.00
9		1,1,2-Trichlorotrifluoroeth	1.962	1.988	-1.3	150#	0.00
10	M	1,1-Dichloroethene	1.878	1.870	0.4	150#	0.00
11		Methyl Iodide	2.166	1.997	7.8	148	0.00
12		Methyl Acetate	3.192	3.204	-0.4	148	0.00
13	M	Acrolein	0.561	0.355	36.7#	92	0.00
14	M	Acrylonitrile	1.473	1.412	4.1	138	0.00
15	M	Acetone	0.410	0.367	10.5	132	0.00
16	M	Carbon Disulfide	5.133	4.733	7.8	139	0.00
17		Allyl chloride	3.133	3.005	4.1	146	0.00
18	M	Methylene Chloride	2.380	2.319	2.6	147	0.00
19	M	trans-1,2-Dichloroethene	2.082	2.028	2.6	145	0.00
20	T	Diisopropyl ether	6.815	6.343	6.9	138	0.00
21	M	1,1-Dichloroethane	4.022	3.865	3.9	143	0.00
22	M	cis-1,2-Dichloroethene	2.505	2.493	0.5	153#	0.00
23	M	tert-Butyl Alcohol	0.521	0.489	6.1	142	0.00
24	M	Methyl tert-Butyl Ether	6.619	6.615	0.1	153#	0.00
25	M	Chloroform	4.151	3.966	4.5	139	0.00
26		Cyclohexane	3.469	3.221	7.1	141	0.00
27	s	1,2-Dichloroethane-d4	2.594	2.436	6.1	132	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	154#	0.00
29		1,1-Dichloropropene	0.561	0.504	10.2	141	0.00
30	M	2-Butanone	0.387	0.338	12.7	134	0.00
31		2,2-Dichloropropane	0.585	0.561	4.1	151#	0.00
32	M	1,1,1-Trichloroethane	0.649	0.630	2.9	149	0.00
33	M	Carbon Tetrachloride	0.556	0.559	-0.5	159#	0.00
34	M	Benzene	1.814	1.649	9.1	139	0.00
35		Methacrylonitrile	0.315	0.289	8.3	126	0.00
36	M	1,2-Dichloroethane	0.598	0.555	7.2	140	0.00
37	M	Trichloroethene	0.446	0.434	2.7	155#	0.00
38		Methylcyclohexane	0.696	0.642	7.8	149	0.00
39	M	1,2-Dichloropropane	0.458	0.415	9.4	138	0.00
40		Dibromomethane	0.311	0.295	5.1	145	0.00
41	M	Bromodichloromethane	0.608	0.588	3.3	149	0.00
42	M	Vinyl Acetate	1.117	0.998	10.7	139	0.00
43		Ethyl Acetate	0.736	0.596	19.0	133	0.00
44		Isopropyl Acetate	1.023	0.890	13.0	136	0.00
45	T	1,4-Dioxane	0.012	0.011	8.3	142	0.00
46		Methyl methacrylate	0.457	0.398	12.9	138	0.00
47		n-amyl Acetate	0.816	0.716	12.3	145	0.00
48	M	t-1,3-Dichloropropene	0.626	0.575	8.1	154#	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.695	0.653	6.0	151#	0.00
50	M	1,1,2-Trichloroethane	0.466	0.432	7.3	146	0.00
51		Ethyl methacrylate	0.700	0.642	8.3	150#	0.00
52		1,3-Dichloropropane	0.785	0.710	9.6	142	0.00
53	M	Dibromochloromethane	0.472	0.476	-0.8	162#	0.00
54	M	1,2-Dibromoethane	0.475	0.449	5.5	151#	0.00
55	M	2-Chloroethyl vinyl ether	0.314	0.333	-6.1	170#	0.00
56	M	Bromoform	0.371	0.387	-4.3	181#	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	148	0.00
58	M	4-Methyl-2-Pentanone	0.776	0.713	8.1	132	0.00
59	M	2-Hexanone	0.597	0.550	7.9	134	0.00
60	S	4-Bromofluorobenzene	0.531	0.547	-3.0	155#	0.00
61	M	Tetrachloroethene	0.460	0.434	5.7	140	0.00
62	M	Toluene	2.086	1.999	4.2	141	0.00
63	S	Toluene-d8	1.689	1.653	2.1	140	0.00
64	M	Chlorobenzene	1.246	1.242	0.3	153#	0.00
65		1,1,1,2-Tetrachloroethane	0.463	0.487	-5.2	161#	0.00
66	M	Ethyl Benzene	2.230	2.127	4.6	145	0.00
67	M	m/p-Xylenes	0.852	0.845	0.8	149	0.00
68	M	o-Xylene	0.847	0.829	2.1	150#	0.00
69	M	Styrene	1.396	1.376	1.4	150#	0.00
70		Isopropylbenzene	2.165	2.124	1.9	149	0.00
71	M	1,1,2,2-Tetrachloroethane	0.761	0.750	1.4	145	0.00
72		1,2,3-Trichloropropane	0.636	0.517	18.7	133	0.00
73		Bromobenzene	0.538	0.542	-0.7	158#	0.00
74		n-propylbenzene	2.519	2.419	4.0	148	0.00
75		2-Chlorotoluene	1.510	1.466	2.9	146	0.00
76		1,3,5-Trimethylbenzene	1.813	1.799	0.8	149	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.222	4.3	156#	0.00
78		4-Chlorotoluene	1.451	1.441	0.7	152#	0.00
79		tert-butylbenzene	1.568	1.605	-2.4	159#	0.00
80		1,2,4-Trimethylbenzene	1.796	1.775	1.2	149	0.00
81		sec-Butylbenzene	2.251	2.162	4.0	149	0.00
82		p-Isopropyltoluene	1.848	1.852	-0.2	159#	0.00
83	M	1,3-Dichlorobenzene	0.984	0.993	-0.9	159#	0.00
84	M	1,4-Dichlorobenzene	0.949	0.977	-3.0	161#	0.00
85		n-Butylbenzene	1.498	1.435	4.2	160#	0.00
86	T	Hexachloroethane	0.339	0.348	-2.7	163#	0.00
87	M	1,2-Dichlorobenzene	0.995	1.016	-2.1	155#	0.00
88		1,2-Dibromo-3-Chloropropane	0.166	0.174	-4.8	160#	0.00
89		1,2,4-Trichlorobenzene	0.548	0.608	-10.9	195#	0.00
90		Hexachlorobutadiene	0.277	0.317	-14.4	186#	0.00
91	M	Naphthalene	1.798	1.958	-8.9	183#	0.00
92		1,2,3-Trichlorobenzene	0.563	0.623	-10.7	185#	0.00

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