Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
Data File : VN076601.D
Acq On : 10 Feb 2023 10:10
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Feb 11 00:48:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 10 05:40:47 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	108	0.00
2	M	Dichlorodifluoromethane	4.152	3.655	12.0	90	0.00
3	M	Chloromethane	4.993	4.004	19.8	96	0.00
4	M	Vinyl Chloride	4.359	3.660	16.0	104	0.00
5	M	Bromomethane	2.189	2.149	1.8	123	0.02
6	M	Chloroethane	2.511	2.058	18.0	105	0.00
7	M	Trichlorofluoromethane	7.402	6.846	7.5	101	0.00
8	T	Diethyl Ether	2.348	2.257	3.9	102	0.00
9		1,1,2-Trichlorotrifluoroeth	3.563	3.472	2.6	106	0.00
10	M	1,1-Dichloroethene	3.349	3.190	4.7	99	0.00
11		Methyl Iodide	4.865	4.594	5.6	101	-0.01
12		Methyl Acetate	7.027	6.363	9.4	100	0.00
13	M	Acrolein	0.900	0.848	5.8	100	0.00
14	M	Acrylonitrile	2.059	1.921	6.7	102	-0.01
15	M	Acetone	0.594	0.539	9.3	98	-0.01
16	M	Carbon Disulfide	9.203	8.632	6.2	100	0.00
17		Allyl chloride	6.455	6.717	-4.1	113	0.00
18	M	Methylene Chloride	3.962	3.798	4.1	101	0.00
19	M	trans-1,2-Dichloroethene	3.440	3.389	1.5	101	0.00
20	T	Diisopropyl ether	14.735	13.363	9.3	101	0.00
21	M	1,1-Dichloroethane	8.035	7.231	10.0	101	0.00
22	M	cis-1,2-Dichloroethene	4.122	3.884	5.8	99	0.00
23	M	tert-Butyl Alcohol	0.691	0.640	7.4	96	-0.03
24	M	Methyl tert-Butyl Ether	12.060	11.884	1.5	102	0.00
25	M	Chloroform	7.951	7.257	8.7	100	0.00
26		Cyclohexane	7.130	6.090	14.6	97	0.00
27	s	1,2-Dichloroethane-d4	3.536	3.456	2.3	106	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29		1,1-Dichloropropene	0.777	0.761	2.1	104	0.00
30	M	2-Butanone	0.419	0.401	4.3	100	-0.02
31		2,2-Dichloropropane	0.806	0.837	-3.8	107	0.00
32	M	1,1,1-Trichloroethane	0.963	0.931	3.3	103	0.00
33	M	Carbon Tetrachloride	0.831	0.810	2.5	103	0.00
34	M	Benzene	2.386	2.148	10.0	99	0.00
35		Methacrylonitrile	0.482	0.468	2.9	106	0.00
36	M	1,2-Dichloroethane	0.915	0.911	0.4	105	0.00
37	M	Trichloroethene	0.489	0.473	3.3	99	0.00
38		Methylcyclohexane	0.859	0.839	2.3	97	0.00
39	M	1,2-Dichloropropane	0.569	0.564	0.9	103	0.00
40		Dibromomethane	0.375	0.376	-0.3	102	0.00
41	M	Bromodichloromethane	0.788	0.800	-1.5	101	0.00
42	M	Vinyl Acetate	1.363	1.295	5.0	105	0.00
43		Ethyl Acetate	0.855	0.775	9.4	93	-0.01
44		Isopropyl Acetate	1.406	1.328	5.5	104	0.00
45	T	1,4-Dioxane	0.011	0.010	9.1	88	0.00
46		Methyl methacrylate	0.678	0.661	2.5	103	0.00
47		n-amyl Acetate	1.195	1.166	2.4	103	0.00
48	M	t-1,3-Dichloropropene	0.793	0.807	-1.8	103	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.876	0.883	-0.8	103	0.00
50	M	1,1,2-Trichloroethane	0.509	0.498	2.2	100	0.00
51		Ethyl methacrylate	0.808	0.824	-2.0	104	0.00
52		1,3-Dichloropropane	0.948	0.928	2.1	100	0.00
53	M	Dibromochloromethane	0.529	0.538	-1.7	103	0.00
54	M	1,2-Dibromoethane	0.515	0.520	-1.0	102	0.00
55	M	2-Chloroethyl vinyl ether	0.369	0.366	0.8	104	0.00
56	M	Bromoform	0.340	0.346	-1.8	106	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
58	M	4-Methyl-2-Pentanone	0.839	0.760	9.4	99	0.00
59	M	2-Hexanone	0.610	0.563	7.7	100	0.00
60	S	4-Bromofluorobenzene	0.677	0.608	10.2	104	0.00
61	M	Tetrachloroethene	0.383	0.358	6.5	96	0.00
62	M	Toluene	2.224	2.065	7.1	100	0.00
63	S	Toluene-d8	1.102	1.066	3.3	103	0.00
64	M	Chlorobenzene	1.288	1.225	4.9	100	0.00
65		1,1,1,2-Tetrachloroethane	0.488	0.464	4.9	104	0.00
66	M	Ethyl Benzene	2.438	2.302	5.6	100	0.00
67	M	m/p-Xylenes	0.915	0.868	5.1	101	0.00
68	M	o-Xylene	0.901	0.840	6.8	98	0.00
69	M	Styrene	1.431	1.374	4.0	102	0.00
70		Isopropylbenzene	2.415	2.232	7.6	101	0.00
71	M	1,1,2,2-Tetrachloroethane	0.842	0.722	14.3	101	0.00
72		1,2,3-Trichloropropane	0.769	0.712	7.4	115	0.00
73		Bromobenzene	0.573	0.487	15.0	102	0.00
74		n-propylbenzene	3.098	2.633	15.0	100	0.00
75		2-Chlorotoluene	1.949	1.728	11.3	104	0.00
76		1,3,5-Trimethylbenzene	2.256	1.941	14.0	100	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.208	10.3	107	0.00
78		4-Chlorotoluene	1.959	1.640	16.3	102	0.00
79		tert-butylbenzene	1.914	1.647	13.9	98	0.00
80		1,2,4-Trimethylbenzene	2.224	1.951	12.3	102	0.00
81		sec-Butylbenzene	2.681	2.288	14.7	100	0.00
82		p-Isopropyltoluene	2.154	1.896	12.0	101	0.00
83	M	1,3-Dichlorobenzene	1.060	0.900	15.1	100	0.00
84	M	1,4-Dichlorobenzene	1.058	0.877	17.1	103	0.00
85		n-Butylbenzene	2.000	1.620	19.0	104	0.00
86	T	Hexachloroethane	0.418	0.347	17.0	103	0.00
87	M	1,2-Dichlorobenzene	1.164	0.910	21.8	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.172	0.161	6.4	101	0.01
89		1,2,4-Trichlorobenzene	0.485	0.457	5.8	103	0.00
90		Hexachlorobutadiene	0.234	0.221	5.6	101	0.00
91	M	Naphthalene	1.656	1.517	8.4	97	0.00
92		1,2,3-Trichlorobenzene	0.484	0.409	15.5	91	0.00

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