Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
Data File : VN071361.D
Acq On : 17 Mar 2022 19:11
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Mar 18 07:03:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 17 06:37:08 2022
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	89	0.00
2	M	Dichlorodifluoromethane	1.940	2.181	-12.4	99	0.00
3	M	Chloromethane	2.588	2.836	-9.6	97	0.00
4	M	Vinyl Chloride	2.377	2.573	-8.2	96	0.00
5	M	Bromomethane	1.191	1.189	0.2	82	0.00
6	M	Chloroethane	1.446	1.576	-9.0	95	0.00
7	M	Trichlorofluoromethane	2.997	3.348	-11.7	100	0.00
8	T	Diethyl Ether	1.302	1.410	-8.3	101	0.00
9		1,1,2-Trichlorotrifluoroeth	1.685	1.871	-11.0	100	0.00
10	M	1,1-Dichloroethene	1.715	1.844	-7.5	97	0.00
11		Methyl Iodide	2.362	1.697	28.2	67	0.00
12		Methyl Acetate	3.283	3.673	-11.9	102	0.00
13	M	Acrolein	0.430	0.435	-1.2	91	0.00
14	M	Acrylonitrile	1.368	1.521	-11.2	102	0.00
15	M	Acetone	0.360	0.402	-11.7	103	0.00
16	M	Carbon Disulfide	4.638	5.017	-8.2	101	0.00
17		Allyl chloride	3.535	3.849	-8.9	99	0.00
18	M	Methylene Chloride	2.091	2.273	-8.7	98	0.00
19	M	trans-1,2-Dichloroethene	1.803	1.995	-10.6	101	0.00
20	T	Diisopropyl ether	7.114	8.001	-12.5	105	0.00
21	M	1,1-Dichloroethane	3.785	4.233	-11.8	100	0.00
22	M	cis-1,2-Dichloroethene	2.185	2.355	-7.8	98	0.00
23	M	tert-Butyl Alcohol	0.506	0.541	-6.9	100	-0.01
24	M	Methyl tert-Butyl Ether	6.546	7.144	-9.1	100	0.00
25	M	Chloroform	3.636	3.993	-9.8	98	0.00
26		Cyclohexane	3.427	3.714	-8.4	99	0.00
27	s	1,2-Dichloroethane-d4	2.382	2.349	1.4	88	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
29		1,1-Dichloropropene	0.483	0.538	-11.4	99	0.00
30	M	2-Butanone	0.342	0.389	-13.7	101	0.00
31		2,2-Dichloropropane	0.453	0.540	-19.2	104	0.00
32	M	1,1,1-Trichloroethane	0.563	0.632	-12.3	98	0.00
33	M	Carbon Tetrachloride	0.479	0.528	-10.2	97	0.00
34	M	Benzene	1.494	1.674	-12.0	98	0.00
35		Methacrylonitrile	0.331	0.390	-17.8	103	0.00
36	M	1,2-Dichloroethane	0.534	0.609	-14.0	100	0.00
37	M	Trichloroethene	0.356	0.397	-11.5	100	0.00
38		Methylcyclohexane	0.579	0.632	-9.2	99	0.00
39	M	1,2-Dichloropropane	0.396	0.444	-12.1	98	0.00
40		Dibromomethane	0.251	0.277	-10.4	97	0.00
41	M	Bromodichloromethane	0.505	0.564	-11.7	99	0.00
42	M	Vinyl Acetate	1.117	1.261	-12.9	100	0.00
43		Ethyl Acetate	0.665	0.791	-18.9	105	0.00
44		Isopropyl Acetate	1.069	1.231	-15.2	104	0.00
45	T	1,4-Dioxane	0.010	0.011#	-10.0	100	0.00
46		Methyl methacrylate	0.473	0.509	-7.6	102	0.00
47		n-amyl Acetate	0.709	0.775	-9.3	103	0.00
48	M	t-1,3-Dichloropropene	0.550	0.590	-7.3	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.595	0.658	-10.6	100	0.00
50	M	1,1,2-Trichloroethane	0.365	0.408	-11.8	100	0.00
51		Ethyl methacrylate	0.628	0.681	-8.4	100	0.00
52		1,3-Dichloropropane	0.657	0.736	-12.0	99	0.00
53	M	Dibromochloromethane	0.380	0.414	-8.9	98	0.00
54	M	1,2-Dibromoethane	0.378	0.410	-8.5	98	0.00
55	M	2-Chloroethyl vinyl ether	0.190	0.275	-44.7#	144	0.00
56	M	Bromoform	0.293	0.305	-4.1	98	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
58	M	4-Methyl-2-Pentanone	0.720	0.851	-18.2	102	0.00
59	M	2-Hexanone	0.535	0.626	-17.0	103	0.00
60	S	4-Bromofluorobenzene	0.463	0.464	-0.2	89	0.00
61	M	Tetrachloroethene	0.327	0.385	-17.7	104	0.00
62	M	Toluene	1.715	1.944	-13.4	98	0.00
63	S	Toluene-d8	1.380	1.409	-2.1	88	0.00
64	M	Chlorobenzene	1.040	1.147	-10.3	97	0.00
65		1,1,1,2-Tetrachloroethane	0.386	0.435	-12.7	98	0.00
66	M	Ethyl Benzene	1.890	2.094	-10.8	98	0.00
67	M	m/p-Xylenes	0.710	0.808	-13.8	101	0.00
68	M	o-Xylene	0.715	0.798	-11.6	98	0.00
69	M	Styrene	1.127	1.252	-11.1	101	0.00
70		Isopropylbenzene	1.808	2.057	-13.8	101	0.00
71	M	1,1,2,2-Tetrachloroethane	0.627	0.726	-15.8	100	0.00
72		1,2,3-Trichloropropane	0.570	0.594	-4.2	101	0.00
73		Bromobenzene	0.423	0.475	-12.3	101	0.00
74		n-propylbenzene	1.993	2.249	-12.8	102	0.00
75		2-Chlorotoluene	1.249	1.430	-14.5	102	0.00
76		1,3,5-Trimethylbenzene	1.435	1.630	-13.6	100	0.00
77		t-1,4-Dichloro-2-butene	0.189	0.203	-7.4	101	0.00
78		4-Chlorotoluene	1.158	1.281	-10.6	102	0.00
79		tert-butylbenzene	1.311	1.449	-10.5	98	0.00
80		1,2,4-Trimethylbenzene	1.392	1.601	-15.0	100	0.00
81		sec-Butylbenzene	1.745	1.954	-12.0	103	0.00
82		p-Isopropyltoluene	1.403	1.567	-11.7	102	0.00
83	M	1,3-Dichlorobenzene	0.691	0.793	-14.8	104	0.00
84	M	1,4-Dichlorobenzene	0.658	0.737	-12.0	103	0.00
85		n-Butylbenzene	1.045	1.162	-11.2	109	0.00
86	T	Hexachloroethane	0.267	0.283	-6.0	99	0.00
87	M	1,2-Dichlorobenzene	0.671	0.783	-16.7	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.120	0.144	-20.0	108	0.00
89		1,2,4-Trichlorobenzene	0.310	0.352	-13.5	109	0.00
90		Hexachlorobutadiene	0.175	0.215	-22.9	110	0.00
91	M	Naphthalene	0.972	1.063	-9.4	112	0.00
92		1,2,3-Trichlorobenzene	0.318	0.353	-11.0	106	0.00

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