Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
Data File : VN084307.D
Acq On : 04 Oct 2024 08:58
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Oct 04 22:53:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 06 23:42:47 2024
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	102	0.00
2	M	Dichlorodifluoromethane	2.009	1.865	7.2	96	0.00
3	M	Chloromethane	2.087	2.163	-3.6	108	0.00
4	M	Vinyl Chloride	2.146	2.037	5.1	99	0.00
5	M	Bromomethane	1.199	1.320	-10.1	113	0.05
6	M	Chloroethane	1.437	1.380	4.0	102	0.04
7	M	Trichlorofluoromethane	3.598	3.459	3.9	102	0.03
8	T	Diethyl Ether	1.222	1.134	7.2	97	0.00
9		1,1,2-Trichlorotrifluoroeth	1.932	2.028	-5.0	113	0.01
10	M	1,1-Dichloroethene	1.865	1.889	-1.3	108	0.02
11		Methyl Iodide	2.533	2.326	8.2	97	0.00
12		Methyl Acetate	2.249	2.906	-29.2#	143	0.00
13	M	Acrolein	0.328	0.417	-27.1#	122	0.00
14	M	Acrylonitrile	0.910	1.031	-13.3	121	0.01
15	M	Acetone	0.302	0.361	-19.5	135	0.00
16	M	Carbon Disulfide	5.269	5.094	3.3	101	0.01
17		Allyl chloride	3.270	2.913	10.9	95	0.01
18	M	Methylene Chloride	2.040	2.184	-7.1	112	0.01
19	M	trans-1,2-Dichloroethene	1.932	1.941	-0.5	105	0.01
20	T	Diisopropyl ether	6.603	6.975	-5.6	116	0.00
21	M	1,1-Dichloroethane	3.770	3.948	-4.7	111	0.00
22	M	cis-1,2-Dichloroethene	2.352	2.346	0.3	104	0.00
23	M	tert-Butyl Alcohol	0.334	0.392	-17.4	122	-0.01
24	M	Methyl tert-Butyl Ether	6.626	6.274	5.3	99	0.01
25	M	Chloroform	3.995	4.063	-1.7	107	0.00
26		Cyclohexane	3.320	2.897	12.7	93	0.00
27	s	1,2-Dichloroethane-d4	2.742	2.545	7.2	94	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29		1,1-Dichloropropene	0.476	0.519	-9.0	106	0.00
30	M	2-Butanone	0.224	0.289	-29.0#	126	0.00
31		2,2-Dichloropropane	0.607	0.633	-4.3	102	0.00
32	M	1,1,1-Trichloroethane	0.635	0.695	-9.4	106	0.00
33	M	Carbon Tetrachloride	0.550	0.591	-7.5	105	0.00
34	M	Benzene	1.428	1.643	-15.1	109	0.00
35		Methacrylonitrile	0.252	0.293	-16.3	109	0.00
36	M	1,2-Dichloroethane	0.537	0.571	-6.3	102	0.00
37	M	Trichloroethene	0.335	0.382	-14.0	112	0.00
38		Methylcyclohexane	0.570	0.528	7.4	92	0.00
39	M	1,2-Dichloropropane	0.344	0.401	-16.6	113	0.00
40		Dibromomethane	0.251	0.288	-14.7	108	0.00
41	M	Bromodichloromethane	0.534	0.617	-15.5	113	0.00
42	M	Vinyl Acetate	0.922	0.913	1.0	103	0.00
43		Ethyl Acetate	0.451	0.496	-10.0	105	0.00
44		Isopropyl Acetate	0.781	0.931	-19.2	116	0.00
45	T	1,4-Dioxane	0.006	0.008	-33.3#	122	0.00
46		Methyl methacrylate	0.378	0.356	5.8	93	0.00
47		n-amyl Acetate	0.692	0.771	-11.4	110	0.00
48	M	t-1,3-Dichloropropene	0.562	0.597	-6.2	104	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.584	0.650	-11.3	110	0.00
50	M	1,1,2-Trichloroethane	0.320	0.393	-22.8	119	0.00
51		Ethyl methacrylate	0.546	0.575	-5.3	100	0.00
52		1,3-Dichloropropane	0.577	0.657	-13.9	110	0.00
53	M	Dibromochloromethane	0.383	0.452	-18.0	117	0.00
54	M	1,2-Dibromoethane	0.331	0.381	-15.1	112	0.00
55	M	2-Chloroethyl vinyl ether	0.218	0.270	-23.9	107	0.00
56	M	Bromoform	0.244	0.292	-19.7	119	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58	M	4-Methyl-2-Pentanone	0.476	0.602	-26.5#	124	0.00
59	M	2-Hexanone	0.359	0.447	-24.5	124	0.00
60	S	4-Bromofluorobenzene	0.517	0.530	-2.5	100	0.00
61	M	Tetrachloroethene	0.317	0.357	-12.6	116	0.00
62	M	Toluene	1.724	1.909	-10.7	110	0.00
63	S	Toluene-d8	1.389	1.469	-5.8	100	0.00
64	M	Chlorobenzene	1.068	1.149	-7.6	107	0.00
65		1,1,1,2-Tetrachloroethane	0.372	0.417	-12.1	113	0.00
66	M	Ethyl Benzene	1.961	1.922	2.0	101	0.00
67	M	m/p-Xylenes	0.721	0.758	-5.1	106	0.00
68	M	o-Xylene	0.698	0.721	-3.3	102	0.00
69	M	Styrene	1.180	1.238	-4.9	106	0.00
70		Isopropylbenzene	1.843	1.831	0.7	102	0.00
71	M	1,1,2,2-Tetrachloroethane	0.503	0.594	-18.1	116	0.00
72		1,2,3-Trichloropropane	0.441	0.581	-31.7#	130	0.00
73		Bromobenzene	0.423	0.452	-6.9	108	0.00
74		n-propylbenzene	2.157	2.242	-3.9	107	0.00
75		2-Chlorotoluene	1.346	1.400	-4.0	105	0.00
76		1,3,5-Trimethylbenzene	1.539	1.593	-3.5	104	0.00
77		t-1,4-Dichloro-2-butene	0.187	0.204	-9.1	113	0.00
78		4-Chlorotoluene	1.365	1.425	-4.4	107	0.00
79		tert-butylbenzene	1.346	1.318	2.1	97	0.00
80		1,2,4-Trimethylbenzene	1.555	1.617	-4.0	106	0.00
81		sec-Butylbenzene	1.839	1.853	-0.8	105	0.00
82		p-Isopropyltoluene	1.547	1.523	1.6	103	0.00
83	M	1,3-Dichlorobenzene	0.815	0.860	-5.5	108	0.00
84	M	1,4-Dichlorobenzene	0.814	0.834	-2.5	104	0.00
85		n-Butylbenzene	1.365	1.257	7.9	98	0.00
86	T	Hexachloroethane	0.293	0.309	-5.5	109	0.00
87	M	1,2-Dichlorobenzene	0.791	0.827	-4.6	107	0.00
88		1,2-Dibromo-3-Chloropropane	0.111	0.115	-3.6	105	0.00
89		1,2,4-Trichlorobenzene	0.433	0.393	9.2	94	0.00
90		Hexachlorobutadiene	0.179	0.187	-4.5	111	0.00
91	M	Naphthalene	1.416	1.150	18.8	84	0.00
92		1,2,3-Trichlorobenzene	0.433	0.393	9.2	94	0.00

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