Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
Data File : VN073074.D
Acq On : 24 Jun 2022 10:38
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jun 24 23:32:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 24 04:54:59 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	106	0.00
2	M	Dichlorodifluoromethane	2.367	2.462	-4.0	104	0.00
3	M	Chloromethane	2.249	2.308	-2.6	107	0.00
4	M	Vinyl Chloride	2.013	1.989	1.2	101	0.00
5	M	Bromomethane	0.663	0.935	-41.0#	119	0.00
6	M	Chloroethane	1.242	1.245	-0.2	100	0.00
7	M	Trichlorofluoromethane	3.654	3.666	-0.3	107	0.00
8	T	Diethyl Ether	1.495	1.445	3.3	100	0.00
9		1,1,2-Trichlorotrifluoroeth	2.019	2.126	-5.3	112	-0.01
10	M	1,1-Dichloroethene	2.066	2.025	2.0	104	0.00
11		Methyl Iodide	1.971	1.703	13.6	102	0.00
12		Methyl Acetate	4.302	3.660	14.9	91	0.00
13	M	Acrolein	0.434	0.524	-20.7	124	0.00
14	M	Acrylonitrile	1.639	1.510	7.9	98	0.00
15	M	Acetone	0.452	0.388	14.2	88	0.00
16	M	Carbon Disulfide	5.447	5.218	4.2	105	0.00
17		Allyl chloride	3.921	4.041	-3.1	113	0.00
18	M	Methylene Chloride	2.464	2.319	5.9	101	0.00
19	M	trans-1,2-Dichloroethene	2.180	2.103	3.5	102	0.00
20	T	Diisopropyl ether	8.250	7.949	3.6	104	0.00
21	M	1,1-Dichloroethane	4.329	4.101	5.3	102	0.00
22	M	cis-1,2-Dichloroethene	2.592	2.581	0.4	107	0.00
23	M	tert-Butyl Alcohol	0.669	0.569	14.9	94	0.00
24	M	Methyl tert-Butyl Ether	7.706	7.336	4.8	101	-0.01
25	M	Chloroform	4.308	4.163	3.4	103	-0.01
26		Cyclohexane	3.790	3.803	-0.3	108	0.00
27	s	1,2-Dichloroethane-d4	2.892	2.810	2.8	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29		1,1-Dichloropropene	0.542	0.522	3.7	105	0.00
30	M	2-Butanone	0.418	0.382	8.6	96	0.00
31		2,2-Dichloropropane	0.265	0.627	-136.6#	244#	0.00
32	M	1,1,1-Trichloroethane	0.666	0.631	5.3	103	0.00
33	M	Carbon Tetrachloride	0.564	0.548	2.8	106	0.00
34	M	Benzene	1.688	1.657	1.8	103	0.00
35		Methacrylonitrile	0.372	0.387	-4.0	108	0.00
36	M	1,2-Dichloroethane	0.626	0.597	4.6	102	0.00
37	M	Trichloroethene	0.420	0.410	2.4	107	0.00
38		Methylcyclohexane	0.642	0.672	-4.7	112	0.00
39	M	1,2-Dichloropropane	0.437	0.424	3.0	104	0.00
40		Dibromomethane	0.295	0.286	3.1	103	0.00
41	M	Bromodichloromethane	0.594	0.556	6.4	103	0.00
42	M	Vinyl Acetate	1.292	1.264	2.2	105	0.00
43		Ethyl Acetate	0.787	0.771	2.0	97	0.00
44		Isopropyl Acetate	1.215	1.146	5.7	103	0.00
45	T	1,4-Dioxane	0.011	0.009	18.2	93	0.00
46		Methyl methacrylate	0.553	0.521	5.8	105	0.00
47		n-amyl Acetate	0.974	0.926	4.9	108	0.00
48	M	t-1,3-Dichloropropene	0.556	0.608	-9.4	123	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.602	0.661	-9.8	121	0.00
50	M	1,1,2-Trichloroethane	0.428	0.409	4.4	102	0.00
51		Ethyl methacrylate	0.725	0.686	5.4	103	0.00
52		1,3-Dichloropropane	0.736	0.712	3.3	105	0.00
53	M	Dibromochloromethane	0.445	0.419	5.8	106	0.00
54	M	1,2-Dibromoethane	0.449	0.425	5.3	103	0.00
55	M	2-Chloroethyl vinyl ether	0.310	0.305	1.6	103	0.00
56	M	Bromoform	0.326	0.294	9.8	106	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.873	0.832	4.7	97	0.00
59	M	2-Hexanone	0.666	0.632	5.1	98	0.00
60	S	4-Bromofluorobenzene	0.574	0.582	-1.4	110	0.00
61	M	Tetrachloroethene	0.388	0.396	-2.1	108	0.00
62	M	Toluene	1.994	2.010	-0.8	104	0.00
63	S	Toluene-d8	1.625	1.650	-1.5	104	0.00
64	M	Chlorobenzene	1.200	1.195	0.4	105	0.00
65		1,1,1,2-Tetrachloroethane	0.456	0.455	0.2	106	0.00
66	M	Ethyl Benzene	2.197	2.157	1.8	104	0.00
67	M	m/p-Xylenes	0.824	0.831	-0.8	106	0.00
68	M	o-Xylene	0.832	0.842	-1.2	106	0.00
69	M	Styrene	1.331	1.300	2.3	103	0.00
70		Isopropylbenzene	2.128	2.167	-1.8	107	0.00
71	M	1,1,2,2-Tetrachloroethane	0.735	0.717	2.4	103	0.00
72		1,2,3-Trichloropropane	0.563	0.668	-18.7	121	0.00
73		Bromobenzene	0.496	0.493	0.6	107	0.00
74		n-propylbenzene	2.412	2.436	-1.0	110	0.00
75		2-Chlorotoluene	1.508	1.519	-0.7	108	0.00
76		1,3,5-Trimethylbenzene	1.769	1.763	0.3	107	0.00
77		t-1,4-Dichloro-2-butene	0.178	0.223	-25.3#	146	0.00
78		4-Chlorotoluene	1.451	1.439	0.8	107	0.00
79		tert-butylbenzene	1.564	1.525	2.5	104	0.00
80		1,2,4-Trimethylbenzene	1.736	1.743	-0.4	107	0.00
81		sec-Butylbenzene	2.108	2.108	0.0	108	0.00
82		p-Isopropyltoluene	1.712	1.730	-1.1	109	0.00
83	M	1,3-Dichlorobenzene	0.874	0.906	-3.7	112	0.00
84	M	1,4-Dichlorobenzene	0.873	0.864	1.0	107	0.00
85		n-Butylbenzene	1.393	1.383	0.7	115	0.00
86	T	Hexachloroethane	0.335	0.319	4.8	108	0.00
87	M	1,2-Dichlorobenzene	0.914	0.907	0.8	107	0.00
88		1,2-Dibromo-3-Chloropropane	0.187	0.175	6.4	101	0.00
89		1,2,4-Trichlorobenzene	0.480	0.475	1.0	114	0.00
90		Hexachlorobutadiene	0.194	0.209	-7.7	121	0.00
91	M	Naphthalene	1.874	1.860	0.7	110	0.00
92		1,2,3-Trichlorobenzene	0.489	0.496	-1.4	115	0.00

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