Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
Data File : VN068697.D
Acq On : 26 Sep 2021 5:44
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 27 07:25:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 27 07:10:18 2021
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	97	0.00
2	M	Dichlorodifluoromethane	1.659	1.798	-8.4	98	0.00
3	M	Chloromethane	2.197	2.251	-2.5	95	0.00
4	M	Vinyl Chloride	2.525	2.629	-4.1	91	0.00
5	M	Bromomethane	1.648	1.769	-7.3	94	0.00
6	M	Chloroethane	1.732	1.988	-14.8	101	0.00
7	M	Trichlorofluoromethane	2.997	3.100	-3.4	95	0.00
8	T	Diethyl Ether	1.079	1.114	-3.2	99	0.00
9		1,1,2-Trichlorotrifluoroeth	1.622	1.657	-2.2	94	0.00
10	M	1,1-Dichloroethene	1.561	1.610	-3.1	97	0.00
11		Methyl Iodide	1.988	1.913	3.8	93	0.00
12		Methyl Acetate	3.360	3.245	3.4	92	0.00
13	M	Acrolein	0.103	0.093	9.7	98	0.00
14	M	Acrylonitrile	0.986	0.968	1.8	93	0.00
15	M	Acetone	0.244	0.247	-1.2	94	0.00
16	M	Carbon Disulfide	4.617	4.544	1.6	94	0.00
17		Allyl chloride	3.041	2.952	2.9	95	0.00
18	M	Methylene Chloride	1.906	1.952	-2.4	98	0.00
19	M	trans-1,2-Dichloroethene	1.731	1.755	-1.4	95	0.00
20	T	Diisopropyl ether	6.558	6.506	0.8	96	0.00
21	M	1,1-Dichloroethane	3.508	3.525	-0.5	94	0.00
22	M	cis-1,2-Dichloroethene	2.043	2.040	0.1	95	0.00
23	M	tert-Butyl Alcohol	0.331	0.328	0.9	96	0.00
24	M	Methyl tert-Butyl Ether	5.872	5.928	-1.0	97	0.00
25	M	Chloroform	3.679	3.749	-1.9	99	0.00
26		Cyclohexane	3.412	3.195	6.4	98	0.00
27	s	1,2-Dichloroethane-d4	2.466	2.576	-4.5	102	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	125	0.00
29		1,1-Dichloropropene	0.506	0.381	24.7	99	0.00
30	M	2-Butanone	0.255	0.190	25.5	94	0.00
31		2,2-Dichloropropane	0.423	0.271	35.9#	81	0.00
32	M	1,1,1-Trichloroethane	0.620	0.484	21.9	106	0.00
33	M	Carbon Tetrachloride	0.539	0.416	22.8	102	0.00
34	M	Benzene	1.480	1.121	24.3	97	0.00
35		Methacrylonitrile	0.275	0.221	19.6	103	0.00
36	M	1,2-Dichloroethane	0.574	0.445	22.5	105	0.00
37	M	Trichloroethene	0.364	0.320	12.1	111	0.00
38		Methylcyclohexane	0.584	0.473	19.0	106	0.00
39	M	1,2-Dichloropropane	0.390	0.323	17.2	107	0.00
40		Dibromomethane	0.279	0.209	25.1	101	0.00
41	M	Bromodichloromethane	0.562	0.408	27.4	99	0.00
42	M	Vinyl Acetate	0.927	0.693	25.2	94	0.00
43		Ethyl Acetate	0.563	0.386	31.4#	92	0.00
44		Isopropyl Acetate	0.980	0.693	29.3	96	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	100	0.00
46		Methyl methacrylate	0.449	0.316	29.6	107	0.00
47		n-amyl Acetate	0.888	0.594	33.1#	118	0.00
48	M	t-1,3-Dichloropropene	0.681	0.421	38.2#	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.689	0.429	37.7#	95	0.00
50	M	1,1,2-Trichloroethane	0.454	0.275	39.4#	95	0.00
51		Ethyl methacrylate	0.761	0.450	40.9#	104	0.00
52		1,3-Dichloropropane	0.788	0.487	38.2#	100	0.00
53	M	Dibromochloromethane	0.493	0.313	36.5#	103	0.00
54	M	1,2-Dibromoethane	0.468	0.368	21.4	127	0.00
55	M	2-Chloroethyl vinyl ether	0.170	0.146	14.1	156#	0.00
56	M	Bromoform	0.331	0.212	36.0#	101	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58	M	4-Methyl-2-Pentanone	0.585	0.618	-5.6	101	0.00
59	M	2-Hexanone	0.447	0.432	3.4	101	0.00
60	S	4-Bromofluorobenzene	0.458	0.695	-51.7#	152#	0.00
61	M	Tetrachloroethene	0.349	0.431	-23.5	118	0.00
62	M	Toluene	1.638	1.740	-6.2	99	0.00
63	S	Toluene-d8	1.328	1.466	-10.4	102	0.00
64	M	Chlorobenzene	1.050	1.053	-0.3	101	0.00
65		1,1,1,2-Tetrachloroethane	0.393	0.408	-3.8	103	0.00
66	M	Ethyl Benzene	1.898	1.938	-2.1	104	0.00
67	M	m/p-Xylenes	0.712	0.725	-1.8	102	0.00
68	M	o-Xylene	0.690	0.716	-3.8	102	0.00
69	M	Styrene	1.107	1.157	-4.5	105	0.00
70		Isopropylbenzene	1.763	2.631	-49.2#	148	0.00
71	M	1,1,2,2-Tetrachloroethane	0.532	0.785	-47.6#	141	0.00
72		1,2,3-Trichloropropane	0.495	0.774	-56.4#	157#	0.00
73		Bromobenzene	0.396	0.591	-49.2#	143	0.00
74		n-propylbenzene	2.001	3.031	-51.5#	151#	0.00
75		2-Chlorotoluene	1.202	1.849	-53.8#	152#	0.00
76		1,3,5-Trimethylbenzene	1.414	2.165	-53.1#	147	0.00
77		t-1,4-Dichloro-2-butene	0.159	0.213	-34.0#	140	0.00
78		4-Chlorotoluene	1.140	1.746	-53.2#	152#	0.00
79		tert-butylbenzene	1.220	1.788	-46.6#	140	0.00
80		1,2,4-Trimethylbenzene	1.341	1.970	-46.9#	138	0.00
81		sec-Butylbenzene	1.673	2.223	-32.9#	126	0.00
82		p-Isopropyltoluene	1.336	1.796	-34.4#	126	0.00
83	M	1,3-Dichlorobenzene	0.655	0.866	-32.2#	122	0.00
84	M	1,4-Dichlorobenzene	0.634	0.839	-32.3#	124	0.00
85		n-Butylbenzene	1.105	1.430	-29.4	129	0.00
86	T	Hexachloroethane	0.262	0.345	-31.7#	122	0.00
87	M	1,2-Dichlorobenzene	0.638	0.833	-30.6#	121	0.00
88		1,2-Dibromo-3-Chloropropane	0.095	0.129	-35.8#	128	0.00
89		1,2,4-Trichlorobenzene	0.316	0.381	-20.6	118	0.00
90		Hexachlorobutadiene	0.163	0.207	-27.0	112	0.00
91	M	Naphthalene	0.865	1.018	-17.7	124	0.00
92		1,2,3-Trichlorobenzene	0.303	0.375	-23.8	117	0.00

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