Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
Data File : VN068468.D
Acq On : 14 Sep 2021 13:07
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 15 05:36:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Sep 14 04:23:31 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	1.366	1.550	-13.5	109	0.00
3	M	Chloromethane	1.322	1.408	-6.5	102	0.00
4	M	Vinyl Chloride	2.095	2.239	-6.9	99	0.00
5	M	Bromomethane	2.081	2.197	-5.6	97	0.00
6	M	Chloroethane	1.495	1.654	-10.6	103	0.00
7	M	Trichlorofluoromethane	2.582	2.825	-9.4	106	0.00
8	T	Diethyl Ether	0.814	0.882	-8.4	107	0.00
9		1,1,2-Trichlorotrifluoroeth	1.471	1.649	-12.1	111	0.00
10	M	1,1-Dichloroethene	1.367	1.457	-6.6	106	0.00
11		Methyl Iodide	2.123	2.218	-4.5	116	0.00
12		Methyl Acetate	1.422	1.559	-9.6	108	0.00
13	M	Acrolein	0.114	0.127	-11.4	115	0.00
14	M	Acrylonitrile	0.616	0.658	-6.8	106	0.00
15	M	Acetone	0.168	0.185	-10.1	105	0.00
16	M	Carbon Disulfide	3.528	3.623	-2.7	103	0.00
17		Allyl chloride	1.707	1.863	-9.1	108	0.00
18	M	Methylene Chloride	1.637	1.748	-6.8	109	0.00
19	M	trans-1,2-Dichloroethene	1.532	1.626	-6.1	107	0.00
20	T	Diisopropyl ether	3.786	4.199	-10.9	108	0.00
21	M	1,1-Dichloroethane	2.517	2.704	-7.4	106	0.00
22	M	cis-1,2-Dichloroethene	1.842	1.952	-6.0	107	0.00
23	M	tert-Butyl Alcohol	0.249	0.247	0.8	100	0.00
24	M	Methyl tert-Butyl Ether	4.655	5.072	-9.0	109	0.00
25	M	Chloroform	3.012	3.295	-9.4	106	0.00
26		Cyclohexane	2.128	2.253	-5.9	105	0.00
27	s	1,2-Dichloroethane-d4	1.772	1.854	-4.6	95	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29		1,1-Dichloropropene	0.402	0.422	-5.0	105	0.00
30	M	2-Butanone	0.153	0.158	-3.3	103	0.00
31		2,2-Dichloropropane	0.463	0.486	-5.0	105	0.00
32	M	1,1,1-Trichloroethane	0.546	0.574	-5.1	106	0.00
33	M	Carbon Tetrachloride	0.510	0.532	-4.3	107	0.00
34	M	Benzene	1.226	1.287	-5.0	105	0.00
35		Methacrylonitrile	0.148	0.156	-5.4	103	0.00
36	M	1,2-Dichloroethane	0.413	0.452	-9.4	106	0.00
37	M	Trichloroethene	0.393	0.409	-4.1	109	0.00
38		Methylcyclohexane	0.517	0.549	-6.2	109	0.00
39	M	1,2-Dichloropropane	0.289	0.307	-6.2	108	0.00
40		Dibromomethane	0.237	0.256	-8.0	108	0.00
41	M	Bromodichloromethane	0.458	0.482	-5.2	107	0.00
42	M	Vinyl Acetate	0.565	0.608	-7.6	108	0.00
43		Ethyl Acetate	0.324	0.316	2.5	99	0.00
44		Isopropyl Acetate	0.554	0.583	-5.2	104	0.00
45	T	1,4-Dioxane	0.006	0.006#	0.0	103	0.00
46		Methyl methacrylate	0.224	0.229	-2.2	106	0.00
47		n-amyl Acetate	0.389	0.395	-1.5	111	0.00
48	M	t-1,3-Dichloropropene	0.464	0.481	-3.7	110	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.499	0.516	-3.4	107	0.00
50	M	1,1,2-Trichloroethane	0.343	0.362	-5.5	108	0.00
51		Ethyl methacrylate	0.440	0.458	-4.1	110	0.00
52		1,3-Dichloropropane	0.510	0.536	-5.1	106	0.00
53	M	Dibromochloromethane	0.421	0.431	-2.4	109	0.00
54	M	1,2-Dibromoethane	0.367	0.386	-5.2	109	0.00
55	M	2-Chloroethyl vinyl ether	0.074	0.059	20.3	99	0.00
56	M	Bromoform	0.338	0.328	3.0	111	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58	M	4-Methyl-2-Pentanone	0.353	0.375	-6.2	105	0.00
59	M	2-Hexanone	0.245	0.255	-4.1	105	0.00
60	S	4-Bromofluorobenzene	0.428	0.433	-1.2	99	0.00
61	M	Tetrachloroethene	0.431	0.467	-8.4	110	0.00
62	M	Toluene	1.579	1.677	-6.2	108	0.00
63	S	Toluene-d8	1.305	1.318	-1.0	96	0.00
64	M	Chlorobenzene	1.041	1.082	-3.9	107	0.00
65		1,1,1,2-Tetrachloroethane	0.425	0.447	-5.2	109	0.00
66	M	Ethyl Benzene	1.716	1.777	-3.6	108	0.00
67	M	m/p-Xylenes	0.707	0.761	-7.6	110	0.00
68	M	o-Xylene	0.698	0.743	-6.4	111	0.00
69	M	Styrene	1.107	1.149	-3.8	107	0.00
70		Isopropylbenzene	1.773	1.898	-7.1	110	0.00
71	M	1,1,2,2-Tetrachloroethane	0.483	0.525	-8.7	107	0.00
72		1,2,3-Trichloropropane	0.402	0.421	-4.7	102	0.00
73		Bromobenzene	0.503	0.514	-2.2	111	0.00
74		n-propylbenzene	1.912	2.044	-6.9	110	0.00
75		2-Chlorotoluene	1.151	1.244	-8.1	111	0.00
76		1,3,5-Trimethylbenzene	1.480	1.612	-8.9	112	0.00
77		t-1,4-Dichloro-2-butene	0.133	0.127	4.5	103	0.00
78		4-Chlorotoluene	1.104	1.206	-9.2	113	0.00
79		tert-butylbenzene	1.360	1.466	-7.8	112	0.00
80		1,2,4-Trimethylbenzene	1.432	1.544	-7.8	111	0.00
81		sec-Butylbenzene	1.798	1.936	-7.7	112	0.00
82		p-Isopropyltoluene	1.542	1.635	-6.0	114	0.00
83	M	1,3-Dichlorobenzene	0.875	0.917	-4.8	113	0.00
84	M	1,4-Dichlorobenzene	0.838	0.871	-3.9	114	0.00
85		n-Butylbenzene	1.097	1.118	-1.9	114	0.00
86	T	Hexachloroethane	0.283	0.293	-3.5	109	0.00
87	M	1,2-Dichlorobenzene	0.841	0.880	-4.6	112	0.00
88		1,2-Dibromo-3-Chloropropane	0.082	0.084	-2.4	109	0.00
89		1,2,4-Trichlorobenzene	0.406	0.379	6.7	119	0.00
90		Hexachlorobutadiene	0.257	0.260	-1.2	117	0.00
91	M	Naphthalene	0.876	0.763	12.9	112	0.00
92		1,2,3-Trichlorobenzene	0.383	0.357	6.8	113	0.00

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