Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
Data File : VN068466.D
Acq On : 13 Sep 2021 19:59
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 14 04:29:53 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	103	0.00
2	M	Dichlorodifluoromethane	1.366	1.363	0.2	102	0.00
3	M	Chloromethane	1.322	1.327	-0.4	103	0.00
4	M	Vinyl Chloride	2.095	2.118	-1.1	100	0.00
5	M	Bromomethane	2.081	2.096	-0.7	99	0.00
6	M	Chloroethane	1.495	1.495	0.0	99	0.00
7	M	Trichlorofluoromethane	2.582	2.535	1.8	101	0.00
8	T	Diethyl Ether	0.814	0.793	2.6	103	0.00
9		1,1,2-Trichlorotrifluoroeth	1.471	1.383	6.0	100	0.00
10	M	1,1-Dichloroethene	1.367	1.311	4.1	102	0.00
11		Methyl Iodide	2.123	1.918	9.7	107	0.00
12		Methyl Acetate	1.422	1.404	1.3	104	0.00
13	M	Acrolein	0.114	0.085	25.4	83	0.00
14	M	Acrylonitrile	0.616	0.597	3.1	103	0.00
15	M	Acetone	0.168	0.153	8.9	92	0.00
16	M	Carbon Disulfide	3.528	3.274	7.2	99	0.00
17		Allyl chloride	1.707	1.665	2.5	103	0.00
18	M	Methylene Chloride	1.637	1.562	4.6	104	0.00
19	M	trans-1,2-Dichloroethene	1.532	1.465	4.4	102	0.00
20	T	Diisopropyl ether	3.786	3.810	-0.6	105	0.00
21	M	1,1-Dichloroethane	2.517	2.449	2.7	102	0.00
22	M	cis-1,2-Dichloroethene	1.842	1.762	4.3	103	0.00
23	M	tert-Butyl Alcohol	0.249	0.233	6.4	100	0.00
24	M	Methyl tert-Butyl Ether	4.655	4.539	2.5	104	0.00
25	M	Chloroform	3.012	2.927	2.8	100	0.00
26		Cyclohexane	2.128	2.026	4.8	100	0.00
27	s	1,2-Dichloroethane-d4	1.772	1.810	-2.1	99	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.402	0.384	4.5	100	0.00
30	M	2-Butanone	0.153	0.144	5.9	98	0.00
31		2,2-Dichloropropane	0.463	0.405	12.5	92	0.00
32	M	1,1,1-Trichloroethane	0.546	0.529	3.1	102	0.00
33	M	Carbon Tetrachloride	0.510	0.496	2.7	104	0.00
34	M	Benzene	1.226	1.194	2.6	102	0.00
35		Methacrylonitrile	0.148	0.147	0.7	102	0.00
36	M	1,2-Dichloroethane	0.413	0.405	1.9	100	0.00
37	M	Trichloroethene	0.393	0.368	6.4	103	0.00
38		Methylcyclohexane	0.517	0.480	7.2	100	0.00
39	M	1,2-Dichloropropane	0.289	0.279	3.5	103	0.00
40		Dibromomethane	0.237	0.225	5.1	100	0.00
41	M	Bromodichloromethane	0.458	0.437	4.6	101	0.00
42	M	Vinyl Acetate	0.565	0.546	3.4	101	0.00
43		Ethyl Acetate	0.324	0.326	-0.6	107	0.00
44		Isopropyl Acetate	0.554	0.539	2.7	100	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	103	0.00
46		Methyl methacrylate	0.224	0.212	5.4	103	0.00
47		n-amyl Acetate	0.389	0.369	5.1	108	0.00
48	M	t-1,3-Dichloropropene	0.464	0.434	6.5	103	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.499	0.471	5.6	102	0.00
50	M	1,1,2-Trichloroethane	0.343	0.327	4.7	102	0.00
51		Ethyl methacrylate	0.440	0.411	6.6	103	0.00
52		1,3-Dichloropropane	0.510	0.496	2.7	102	0.00
53	M	Dibromochloromethane	0.421	0.390	7.4	103	0.00
54	M	1,2-Dibromoethane	0.367	0.345	6.0	102	0.00
55	M	2-Chloroethyl vinyl ether	0.074	0.055	25.7	96	0.00
56	M	Bromoform	0.338	0.295	12.7	104	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.353	0.351	0.6	101	0.00
59	M	2-Hexanone	0.245	0.243	0.8	103	0.00
60	S	4-Bromofluorobenzene	0.428	0.423	1.2	100	0.00
61	M	Tetrachloroethene	0.431	0.408	5.3	99	0.00
62	M	Toluene	1.579	1.533	2.9	102	0.00
63	S	Toluene-d8	1.305	1.348	-3.3	102	0.00
64	M	Chlorobenzene	1.041	0.997	4.2	102	0.00
65		1,1,1,2-Tetrachloroethane	0.425	0.408	4.0	103	0.00
66	M	Ethyl Benzene	1.716	1.637	4.6	103	0.00
67	M	m/p-Xylenes	0.707	0.688	2.7	102	0.00
68	M	o-Xylene	0.698	0.675	3.3	104	0.00
69	M	Styrene	1.107	1.070	3.3	103	0.00
70		Isopropylbenzene	1.773	1.701	4.1	102	0.00
71	M	1,1,2,2-Tetrachloroethane	0.483	0.478	1.0	101	0.00
72		1,2,3-Trichloropropane	0.402	0.383	4.7	96	0.00
73		Bromobenzene	0.503	0.469	6.8	104	0.00
74		n-propylbenzene	1.912	1.802	5.8	100	0.00
75		2-Chlorotoluene	1.151	1.126	2.2	103	0.00
76		1,3,5-Trimethylbenzene	1.480	1.441	2.6	104	0.00
77		t-1,4-Dichloro-2-butene	0.133	0.116	12.8	97	0.00
78		4-Chlorotoluene	1.104	1.075	2.6	104	0.00
79		tert-butylbenzene	1.360	1.342	1.3	106	0.00
80		1,2,4-Trimethylbenzene	1.432	1.404	2.0	105	0.00
81		sec-Butylbenzene	1.798	1.729	3.8	103	0.00
82		p-Isopropyltoluene	1.542	1.432	7.1	103	0.00
83	M	1,3-Dichlorobenzene	0.875	0.824	5.8	105	0.00
84	M	1,4-Dichlorobenzene	0.838	0.803	4.2	109	0.00
85		n-Butylbenzene	1.097	0.967	11.9	102	0.00
86	T	Hexachloroethane	0.283	0.262	7.4	100	0.00
87	M	1,2-Dichlorobenzene	0.841	0.837	0.5	110	0.00
88		1,2-Dibromo-3-Chloropropane	0.082	0.084	-2.4	114	0.00
89		1,2,4-Trichlorobenzene	0.406	0.337	17.0	109	0.00
90		Hexachlorobutadiene	0.257	0.221	14.0	103	0.00
91	M	Naphthalene	0.876	0.853	2.6	129	0.00
92		1,2,3-Trichlorobenzene	0.383	0.325	15.1	107	0.00

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