Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
Data File : VN069602.D
Acq On : 22 Nov 2021 11:20
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Nov 23 03:48:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 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	110	0.00
2	M	Dichlorodifluoromethane	2.217	2.191	1.2	94	0.00
3	M	Chloromethane	2.311	2.391	-3.5	101	0.00
4	M	Vinyl Chloride	2.344	2.211	5.7	92	0.00
5	M	Bromomethane	1.501	1.339	10.8	87	0.00
6	M	Chloroethane	1.479	1.344	9.1	87	0.00
7	M	Trichlorofluoromethane	3.435	2.888	15.9	80	0.00
8	T	Diethyl Ether	1.084	1.178	-8.7	110	0.00
9		1,1,2-Trichlorotrifluoroeth	1.590	1.585	0.3	98	-0.01
10	M	1,1-Dichloroethene	1.499	1.447	3.5	97	-0.01
11		Methyl Iodide	2.089	2.172	-4.0	110	-0.01
12		Methyl Acetate	4.318	4.484	-3.8	104	0.00
13	M	Acrolein	0.119	0.134	-12.6	128	0.00
14	M	Acrylonitrile	1.178	1.213	-3.0	109	0.00
15	M	Acetone	0.393	0.487	-23.9	109	0.00
16	M	Carbon Disulfide	3.747	3.510	6.3	99	0.00
17		Allyl chloride	3.186	3.242	-1.8	106	0.00
18	M	Methylene Chloride	1.910	1.981	-3.7	106	0.00
19	M	trans-1,2-Dichloroethene	1.645	1.584	3.7	99	0.00
20	T	Diisopropyl ether	6.828	7.123	-4.3	108	0.00
21	M	1,1-Dichloroethane	3.464	3.529	-1.9	104	0.00
22	M	cis-1,2-Dichloroethene	2.040	1.985	2.7	100	0.00
23	M	tert-Butyl Alcohol	0.410	0.405	1.2	108	0.01
24	M	Methyl tert-Butyl Ether	6.008	6.232	-3.7	107	0.00
25	M	Chloroform	3.581	3.657	-2.1	104	0.00
26		Cyclohexane	3.289	3.074	6.5	95	0.00
27	s	1,2-Dichloroethane-d4	2.602	2.709	-4.1	108	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.458	0.451	1.5	94	0.00
30	M	2-Butanone	0.331	0.384	-16.0	109	0.00
31		2,2-Dichloropropane	0.484	0.484	0.0	100	0.00
32	M	1,1,1-Trichloroethane	0.535	0.525	1.9	97	0.00
33	M	Carbon Tetrachloride	0.442	0.436	1.4	98	0.00
34	M	Benzene	1.393	1.450	-4.1	100	0.00
35		Methacrylonitrile	0.304	0.327	-7.6	110	0.00
36	M	1,2-Dichloroethane	0.537	0.600	-11.7	106	0.00
37	M	Trichloroethene	0.336	0.338	-0.6	100	0.00
38		Methylcyclohexane	0.567	0.548	3.4	95	0.00
39	M	1,2-Dichloropropane	0.369	0.392	-6.2	104	0.00
40		Dibromomethane	0.247	0.269	-8.9	107	0.00
41	M	Bromodichloromethane	0.464	0.490	-5.6	108	0.00
42	M	Vinyl Acetate	0.937	1.022	-9.1	109	0.00
43		Ethyl Acetate	0.614	0.652	-6.2	109	0.00
44		Isopropyl Acetate	0.958	1.021	-6.6	107	0.00
45	T	1,4-Dioxane	0.008	0.008#	0.0	103	0.00
46		Methyl methacrylate	0.441	0.453	-2.7	105	0.00
47		n-amyl Acetate	0.735	0.624	15.1	94	0.00
48	M	t-1,3-Dichloropropene	0.498	0.497	0.2	106	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.541	0.558	-3.1	107	0.00
50	M	1,1,2-Trichloroethane	0.351	0.367	-4.6	105	0.00
51		Ethyl methacrylate	0.588	0.584	0.7	105	0.00
52		1,3-Dichloropropane	0.606	0.643	-6.1	104	0.00
53	M	Dibromochloromethane	0.335	0.340	-1.5	110	0.00
54	M	1,2-Dibromoethane	0.363	0.366	-0.8	102	0.00
55	M	2-Chloroethyl vinyl ether	0.134	0.249	-85.8#	218#	0.00
56	M	Bromoform	0.240	0.229	4.6	111	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58	M	4-Methyl-2-Pentanone	0.659	0.731	-10.9	106	0.00
59	M	2-Hexanone	0.501	0.539	-7.6	103	0.00
60	S	4-Bromofluorobenzene	0.480	0.472	1.7	99	0.00
61	M	Tetrachloroethene	0.322	0.340	-5.6	99	0.00
62	M	Toluene	1.649	1.706	-3.5	96	0.00
63	S	Toluene-d8	1.385	1.416	-2.2	99	0.00
64	M	Chlorobenzene	0.989	0.995	-0.6	96	0.00
65		1,1,1,2-Tetrachloroethane	0.348	0.368	-5.7	102	0.00
66	M	Ethyl Benzene	1.825	1.815	0.5	94	0.00
67	M	m/p-Xylenes	0.678	0.665	1.9	92	0.00
68	M	o-Xylene	0.679	0.659	2.9	91	0.00
69	M	Styrene	1.100	1.050	4.5	93	0.00
70		Isopropylbenzene	1.775	1.704	4.0	91	0.00
71	M	1,1,2,2-Tetrachloroethane	0.586	0.614	-4.8	101	0.00
72		1,2,3-Trichloropropane	0.570	0.536	6.0	93	0.00
73		Bromobenzene	0.409	0.403	1.5	97	0.00
74		n-propylbenzene	2.038	1.907	6.4	90	0.00
75		2-Chlorotoluene	1.241	1.213	2.3	94	0.00
76		1,3,5-Trimethylbenzene	1.457	1.406	3.5	92	0.00
77		t-1,4-Dichloro-2-butene	0.154	0.134	13.0	103	0.00
78		4-Chlorotoluene	1.188	1.112	6.4	92	0.00
79		tert-butylbenzene	1.281	1.202	6.2	92	0.00
80		1,2,4-Trimethylbenzene	1.421	1.347	5.2	90	0.00
81		sec-Butylbenzene	1.793	1.627	9.3	88	0.00
82		p-Isopropyltoluene	1.430	1.287	10.0	89	0.00
83	M	1,3-Dichlorobenzene	0.699	0.665	4.9	95	0.00
84	M	1,4-Dichlorobenzene	0.679	0.622	8.4	91	0.00
85		n-Butylbenzene	1.194	0.959	19.7	85	0.00
86	T	Hexachloroethane	0.237	0.215	9.3	98	0.00
87	M	1,2-Dichlorobenzene	0.675	0.658	2.5	95	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.101	1.9	108	0.00
89		1,2,4-Trichlorobenzene	0.324	0.263	18.8	93	0.00
90		Hexachlorobutadiene	0.175	0.166	5.1	94	0.00
91	M	Naphthalene	0.932	0.653	29.9	87	0.00
92		1,2,3-Trichlorobenzene	0.318	0.265	16.7	94	0.00

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