Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112621\
Data File : VN069656.D
Acq On : 26 Nov 2021 14:01
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Nov 29 00:17:52 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	112	0.00
2	M	Dichlorodifluoromethane	2.217	2.461	-11.0	108	0.00
3	M	Chloromethane	2.311	2.655	-14.9	115	0.00
4	M	Vinyl Chloride	2.344	2.534	-8.1	108	0.00
5	M	Bromomethane	1.501	1.447	3.6	96	0.00
6	M	Chloroethane	1.479	1.524	-3.0	101	0.00
7	M	Trichlorofluoromethane	3.435	3.326	3.2	94	0.00
8	T	Diethyl Ether	1.084	1.238	-14.2	118	0.00
9		1,1,2-Trichlorotrifluoroeth	1.590	1.804	-13.5	114	-0.01
10	M	1,1-Dichloroethene	1.499	1.643	-9.6	112	-0.01
11		Methyl Iodide	2.089	2.302	-10.2	120	0.00
12		Methyl Acetate	4.318	5.009	-16.0	119	0.00
13	M	Acrolein	0.119	0.137	-15.1	134	0.00
14	M	Acrylonitrile	1.178	1.341	-13.8	124	0.00
15	M	Acetone	0.393	0.381	3.1	87	0.00
16	M	Carbon Disulfide	3.747	3.842	-2.5	111	0.00
17		Allyl chloride	3.186	3.646	-14.4	122	0.00
18	M	Methylene Chloride	1.910	2.116	-10.8	116	0.00
19	M	trans-1,2-Dichloroethene	1.645	1.794	-9.1	115	0.00
20	T	Diisopropyl ether	6.828	7.660	-12.2	119	0.00
21	M	1,1-Dichloroethane	3.464	3.912	-12.9	118	0.00
22	M	cis-1,2-Dichloroethene	2.040	2.209	-8.3	114	0.00
23	M	tert-Butyl Alcohol	0.410	0.415	-1.2	114	0.01
24	M	Methyl tert-Butyl Ether	6.008	6.681	-11.2	117	0.00
25	M	Chloroform	3.581	3.962	-10.6	115	0.00
26		Cyclohexane	3.289	3.636	-10.6	115	0.00
27	s	1,2-Dichloroethane-d4	2.602	2.770	-6.5	113	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
29		1,1-Dichloropropene	0.458	0.497	-8.5	112	0.00
30	M	2-Butanone	0.331	0.356	-7.6	110	0.00
31		2,2-Dichloropropane	0.484	0.511	-5.6	115	0.00
32	M	1,1,1-Trichloroethane	0.535	0.584	-9.2	117	0.00
33	M	Carbon Tetrachloride	0.442	0.478	-8.1	116	0.00
34	M	Benzene	1.393	1.509	-8.3	113	0.00
35		Methacrylonitrile	0.304	0.337	-10.9	123	0.00
36	M	1,2-Dichloroethane	0.537	0.616	-14.7	118	0.00
37	M	Trichloroethene	0.336	0.354	-5.4	113	0.00
38		Methylcyclohexane	0.567	0.592	-4.4	111	0.00
39	M	1,2-Dichloropropane	0.369	0.407	-10.3	116	0.00
40		Dibromomethane	0.247	0.267	-8.1	115	0.00
41	M	Bromodichloromethane	0.464	0.502	-8.2	120	0.00
42	M	Vinyl Acetate	0.937	1.035	-10.5	119	0.00
43		Ethyl Acetate	0.614	0.699	-13.8	127	0.00
44		Isopropyl Acetate	0.958	1.053	-9.9	119	0.00
45	T	1,4-Dioxane	0.008	0.008#	0.0	111	0.00
46		Methyl methacrylate	0.441	0.485	-10.0	121	0.00
47		n-amyl Acetate	0.735	0.654	11.0	107	0.00
48	M	t-1,3-Dichloropropene	0.498	0.505	-1.4	117	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.541	0.570	-5.4	118	0.00
50	M	1,1,2-Trichloroethane	0.351	0.378	-7.7	117	0.00
51		Ethyl methacrylate	0.588	0.606	-3.1	118	0.00
52		1,3-Dichloropropane	0.606	0.666	-9.9	117	0.00
53	M	Dibromochloromethane	0.335	0.338	-0.9	118	0.00
54	M	1,2-Dibromoethane	0.363	0.379	-4.4	114	0.00
55	M	2-Chloroethyl vinyl ether	0.134	0.288	-114.9#	272#	0.00
56	M	Bromoform	0.240	0.235	2.1	123	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
58	M	4-Methyl-2-Pentanone	0.659	0.771	-17.0	121	0.00
59	M	2-Hexanone	0.501	0.547	-9.2	113	0.00
60	S	4-Bromofluorobenzene	0.480	0.475	1.0	108	0.00
61	M	Tetrachloroethene	0.322	0.372	-15.5	117	0.00
62	M	Toluene	1.649	1.790	-8.6	109	0.00
63	S	Toluene-d8	1.385	1.414	-2.1	107	0.00
64	M	Chlorobenzene	0.989	1.061	-7.3	111	0.00
65		1,1,1,2-Tetrachloroethane	0.348	0.380	-9.2	114	0.00
66	M	Ethyl Benzene	1.825	1.955	-7.1	109	0.00
67	M	m/p-Xylenes	0.678	0.717	-5.8	108	0.00
68	M	o-Xylene	0.679	0.712	-4.9	107	0.00
69	M	Styrene	1.100	1.120	-1.8	107	0.00
70		Isopropylbenzene	1.775	1.862	-4.9	108	0.00
71	M	1,1,2,2-Tetrachloroethane	0.586	0.626	-6.8	112	0.00
72		1,2,3-Trichloropropane	0.570	0.583	-2.3	110	0.00
73		Bromobenzene	0.409	0.425	-3.9	111	0.00
74		n-propylbenzene	2.038	2.062	-1.2	105	0.00
75		2-Chlorotoluene	1.241	1.289	-3.9	108	0.00
76		1,3,5-Trimethylbenzene	1.457	1.507	-3.4	107	0.00
77		t-1,4-Dichloro-2-butene	0.154	0.139	9.7	116	0.00
78		4-Chlorotoluene	1.188	1.191	-0.3	107	0.00
79		tert-butylbenzene	1.281	1.311	-2.3	109	0.00
80		1,2,4-Trimethylbenzene	1.421	1.462	-2.9	106	0.00
81		sec-Butylbenzene	1.793	1.781	0.7	104	0.00
82		p-Isopropyltoluene	1.430	1.423	0.5	107	0.00
83	M	1,3-Dichlorobenzene	0.699	0.703	-0.6	108	0.00
84	M	1,4-Dichlorobenzene	0.679	0.675	0.6	108	0.00
85		n-Butylbenzene	1.194	1.086	9.0	104	0.00
86	T	Hexachloroethane	0.237	0.228	3.8	113	0.00
87	M	1,2-Dichlorobenzene	0.675	0.693	-2.7	108	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.104	-1.0	120	0.00
89		1,2,4-Trichlorobenzene	0.324	0.289	10.8	110	0.00
90		Hexachlorobutadiene	0.175	0.188	-7.4	115	0.00
91	M	Naphthalene	0.932	0.761	18.3	109	0.00
92		1,2,3-Trichlorobenzene	0.318	0.291	8.5	112	0.00

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