Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
Data File : VN069631.D
Acq On : 23 Nov 2021 17:21
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Nov 24 02:27:20 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	109	0.00
2	M	Dichlorodifluoromethane	2.217	2.395	-8.0	102	0.00
3	M	Chloromethane	2.311	2.525	-9.3	106	0.00
4	M	Vinyl Chloride	2.344	2.473	-5.5	103	0.00
5	M	Bromomethane	1.501	1.423	5.2	92	0.00
6	M	Chloroethane	1.479	1.475	0.3	95	0.00
7	M	Trichlorofluoromethane	3.435	3.293	4.1	91	0.00
8	T	Diethyl Ether	1.084	1.171	-8.0	108	0.00
9		1,1,2-Trichlorotrifluoroeth	1.590	1.871	-17.7	115	0.00
10	M	1,1-Dichloroethene	1.499	1.607	-7.2	107	0.00
11		Methyl Iodide	2.089	2.294	-9.8	116	-0.01
12		Methyl Acetate	4.318	4.538	-5.1	105	0.00
13	M	Acrolein	0.119	0.127	-6.7	121	0.00
14	M	Acrylonitrile	1.178	1.166	1.0	105	0.00
15	M	Acetone	0.393	0.337	14.2	75	0.00
16	M	Carbon Disulfide	3.747	3.819	-1.9	108	0.00
17		Allyl chloride	3.186	3.335	-4.7	109	0.00
18	M	Methylene Chloride	1.910	2.043	-7.0	109	0.00
19	M	trans-1,2-Dichloroethene	1.645	1.734	-5.4	108	-0.01
20	T	Diisopropyl ether	6.828	7.289	-6.8	110	0.00
21	M	1,1-Dichloroethane	3.464	3.740	-8.0	110	0.00
22	M	cis-1,2-Dichloroethene	2.040	2.131	-4.5	107	0.00
23	M	tert-Butyl Alcohol	0.410	0.350	14.6	93	0.00
24	M	Methyl tert-Butyl Ether	6.008	6.298	-4.8	107	0.00
25	M	Chloroform	3.581	4.119	-15.0	117	0.00
26		Cyclohexane	3.289	3.512	-6.8	108	0.00
27	s	1,2-Dichloroethane-d4	2.602	2.747	-5.6	109	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29		1,1-Dichloropropene	0.458	0.491	-7.2	109	0.00
30	M	2-Butanone	0.331	0.305	7.9	92	0.00
31		2,2-Dichloropropane	0.484	0.479	1.0	105	0.00
32	M	1,1,1-Trichloroethane	0.535	0.551	-3.0	108	0.00
33	M	Carbon Tetrachloride	0.442	0.455	-2.9	108	0.00
34	M	Benzene	1.393	1.454	-4.4	106	0.00
35		Methacrylonitrile	0.304	0.295	3.0	105	0.00
36	M	1,2-Dichloroethane	0.537	0.574	-6.9	108	0.00
37	M	Trichloroethene	0.336	0.348	-3.6	109	0.00
38		Methylcyclohexane	0.567	0.587	-3.5	108	0.00
39	M	1,2-Dichloropropane	0.369	0.390	-5.7	109	0.00
40		Dibromomethane	0.247	0.254	-2.8	108	0.00
41	M	Bromodichloromethane	0.464	0.473	-1.9	111	0.00
42	M	Vinyl Acetate	0.937	0.960	-2.5	108	0.00
43		Ethyl Acetate	0.614	0.591	3.7	105	0.00
44		Isopropyl Acetate	0.958	0.937	2.2	104	0.00
45	T	1,4-Dioxane	0.008	0.007#	12.5	91	0.00
46		Methyl methacrylate	0.441	0.429	2.7	105	0.00
47		n-amyl Acetate	0.735	0.577	21.5	92	0.00
48	M	t-1,3-Dichloropropene	0.498	0.459	7.8	104	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.541	0.540	0.2	109	0.00
50	M	1,1,2-Trichloroethane	0.351	0.354	-0.9	107	0.00
51		Ethyl methacrylate	0.588	0.549	6.6	104	0.00
52		1,3-Dichloropropane	0.606	0.625	-3.1	107	0.00
53	M	Dibromochloromethane	0.335	0.330	1.5	112	0.00
54	M	1,2-Dibromoethane	0.363	0.356	1.9	105	0.00
55	M	2-Chloroethyl vinyl ether	0.134	0.134	0.0	124	0.00
56	M	Bromoform	0.240	0.215	10.4	110	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58	M	4-Methyl-2-Pentanone	0.659	0.672	-2.0	103	0.00
59	M	2-Hexanone	0.501	0.460	8.2	93	0.00
60	S	4-Bromofluorobenzene	0.480	0.479	0.2	106	0.00
61	M	Tetrachloroethene	0.322	0.365	-13.4	112	0.00
62	M	Toluene	1.649	1.761	-6.8	105	0.00
63	S	Toluene-d8	1.385	1.419	-2.5	105	0.00
64	M	Chlorobenzene	0.989	1.021	-3.2	105	0.00
65		1,1,1,2-Tetrachloroethane	0.348	0.364	-4.6	107	0.00
66	M	Ethyl Benzene	1.825	1.916	-5.0	105	0.00
67	M	m/p-Xylenes	0.678	0.708	-4.4	104	0.00
68	M	o-Xylene	0.679	0.691	-1.8	101	0.00
69	M	Styrene	1.100	1.101	-0.1	103	0.00
70		Isopropylbenzene	1.775	1.803	-1.6	102	0.00
71	M	1,1,2,2-Tetrachloroethane	0.586	0.597	-1.9	104	0.00
72		1,2,3-Trichloropropane	0.570	0.469	17.7	86	0.00
73		Bromobenzene	0.409	0.414	-1.2	106	0.00
74		n-propylbenzene	2.038	2.059	-1.0	103	0.00
75		2-Chlorotoluene	1.241	1.266	-2.0	104	0.00
76		1,3,5-Trimethylbenzene	1.457	1.491	-2.3	103	0.00
77		t-1,4-Dichloro-2-butene	0.154	0.118	23.4	96	0.00
78		4-Chlorotoluene	1.188	1.193	-0.4	104	0.00
79		tert-butylbenzene	1.281	1.289	-0.6	105	0.00
80		1,2,4-Trimethylbenzene	1.421	1.433	-0.8	102	0.00
81		sec-Butylbenzene	1.793	1.791	0.1	102	0.00
82		p-Isopropyltoluene	1.430	1.432	-0.1	105	0.00
83	M	1,3-Dichlorobenzene	0.699	0.704	-0.7	106	0.00
84	M	1,4-Dichlorobenzene	0.679	0.663	2.4	103	0.00
85		n-Butylbenzene	1.194	1.094	8.4	103	0.00
86	T	Hexachloroethane	0.237	0.228	3.8	110	0.00
87	M	1,2-Dichlorobenzene	0.675	0.676	-0.1	103	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.090	12.6	102	0.00
89		1,2,4-Trichlorobenzene	0.324	0.262	19.1	98	0.00
90		Hexachlorobutadiene	0.175	0.206	-17.7	123	0.00
91	M	Naphthalene	0.932	0.578	38.0#	81	0.00
92		1,2,3-Trichlorobenzene	0.318	0.255	19.8	96	0.00

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