Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
Data File : VN069621.D
Acq On : 23 Nov 2021 11:40
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 24 02:25:30 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	99	0.00
2	M	Dichlorodifluoromethane	2.217	2.463	-11.1	95	0.00
3	M	Chloromethane	2.311	2.538	-9.8	97	0.00
4	M	Vinyl Chloride	2.344	2.421	-3.3	92	0.00
5	M	Bromomethane	1.501	1.442	3.9	85	0.00
6	M	Chloroethane	1.479	1.453	1.8	85	0.00
7	M	Trichlorofluoromethane	3.435	3.264	5.0	82	0.00
8	T	Diethyl Ether	1.084	1.190	-9.8	100	0.00
9		1,1,2-Trichlorotrifluoroeth	1.590	1.778	-11.8	100	0.00
10	M	1,1-Dichloroethene	1.499	1.603	-6.9	97	0.00
11		Methyl Iodide	2.089	2.305	-10.3	106	0.00
12		Methyl Acetate	4.318	4.623	-7.1	98	0.00
13	M	Acrolein	0.119	0.145	-21.8	125	0.00
14	M	Acrylonitrile	1.178	1.193	-1.3	97	0.00
15	M	Acetone	0.393	0.406	-3.3	82	0.00
16	M	Carbon Disulfide	3.747	3.821	-2.0	98	0.00
17		Allyl chloride	3.186	3.414	-7.2	101	0.00
18	M	Methylene Chloride	1.910	2.064	-8.1	101	0.00
19	M	trans-1,2-Dichloroethene	1.645	1.753	-6.6	99	0.00
20	T	Diisopropyl ether	6.828	7.465	-9.3	103	0.00
21	M	1,1-Dichloroethane	3.464	3.742	-8.0	100	0.00
22	M	cis-1,2-Dichloroethene	2.040	2.156	-5.7	98	0.00
23	M	tert-Butyl Alcohol	0.410	0.372	9.3	90	0.00
24	M	Methyl tert-Butyl Ether	6.008	6.411	-6.7	100	0.00
25	M	Chloroform	3.581	3.846	-7.4	99	0.00
26		Cyclohexane	3.289	3.487	-6.0	97	0.00
27	s	1,2-Dichloroethane-d4	2.602	2.718	-4.5	98	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29		1,1-Dichloropropene	0.458	0.490	-7.0	95	0.00
30	M	2-Butanone	0.331	0.335	-1.2	89	0.00
31		2,2-Dichloropropane	0.484	0.508	-5.0	98	0.00
32	M	1,1,1-Trichloroethane	0.535	0.562	-5.0	97	0.00
33	M	Carbon Tetrachloride	0.442	0.471	-6.6	98	0.00
34	M	Benzene	1.393	1.520	-9.1	98	0.00
35		Methacrylonitrile	0.304	0.327	-7.6	103	0.00
36	M	1,2-Dichloroethane	0.537	0.608	-13.2	100	0.00
37	M	Trichloroethene	0.336	0.363	-8.0	100	0.00
38		Methylcyclohexane	0.567	0.598	-5.5	96	0.00
39	M	1,2-Dichloropropane	0.369	0.412	-11.7	101	0.00
40		Dibromomethane	0.247	0.267	-8.1	99	0.00
41	M	Bromodichloromethane	0.464	0.503	-8.4	103	0.00
42	M	Vinyl Acetate	0.937	1.007	-7.5	100	0.00
43		Ethyl Acetate	0.614	0.632	-2.9	98	0.00
44		Isopropyl Acetate	0.958	0.986	-2.9	96	0.00
45	T	1,4-Dioxane	0.008	0.007#	12.5	91	0.00
46		Methyl methacrylate	0.441	0.449	-1.8	97	0.00
47		n-amyl Acetate	0.735	0.601	18.2	85	0.00
48	M	t-1,3-Dichloropropene	0.498	0.496	0.4	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.541	0.572	-5.7	102	0.00
50	M	1,1,2-Trichloroethane	0.351	0.374	-6.6	99	0.00
51		Ethyl methacrylate	0.588	0.574	2.4	96	0.00
52		1,3-Dichloropropane	0.606	0.659	-8.7	99	0.00
53	M	Dibromochloromethane	0.335	0.345	-3.0	103	0.00
54	M	1,2-Dibromoethane	0.363	0.368	-1.4	95	0.00
55	M	2-Chloroethyl vinyl ether	0.134	0.157	-17.2	128	0.00
56	M	Bromoform	0.240	0.229	4.6	103	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58	M	4-Methyl-2-Pentanone	0.659	0.689	-4.6	94	0.00
59	M	2-Hexanone	0.501	0.486	3.0	88	0.00
60	S	4-Bromofluorobenzene	0.480	0.477	0.6	94	0.00
61	M	Tetrachloroethene	0.322	0.368	-14.3	100	0.00
62	M	Toluene	1.649	1.781	-8.0	94	0.00
63	S	Toluene-d8	1.385	1.416	-2.2	93	0.00
64	M	Chlorobenzene	0.989	1.049	-6.1	96	0.00
65		1,1,1,2-Tetrachloroethane	0.348	0.375	-7.8	98	0.00
66	M	Ethyl Benzene	1.825	1.915	-4.9	93	0.00
67	M	m/p-Xylenes	0.678	0.714	-5.3	93	0.00
68	M	o-Xylene	0.679	0.701	-3.2	91	0.00
69	M	Styrene	1.100	1.116	-1.5	93	0.00
70		Isopropylbenzene	1.775	1.843	-3.8	93	0.00
71	M	1,1,2,2-Tetrachloroethane	0.586	0.613	-4.6	95	0.00
72		1,2,3-Trichloropropane	0.570	0.525	7.9	86	0.00
73		Bromobenzene	0.409	0.420	-2.7	96	0.00
74		n-propylbenzene	2.038	2.051	-0.6	91	0.00
75		2-Chlorotoluene	1.241	1.295	-4.4	95	0.00
76		1,3,5-Trimethylbenzene	1.457	1.516	-4.0	93	0.00
77		t-1,4-Dichloro-2-butene	0.154	0.124	19.5	90	0.00
78		4-Chlorotoluene	1.188	1.198	-0.8	93	0.00
79		tert-butylbenzene	1.281	1.284	-0.2	93	0.00
80		1,2,4-Trimethylbenzene	1.421	1.465	-3.1	93	0.00
81		sec-Butylbenzene	1.793	1.777	0.9	90	0.00
82		p-Isopropyltoluene	1.430	1.409	1.5	92	0.00
83	M	1,3-Dichlorobenzene	0.699	0.713	-2.0	96	0.00
84	M	1,4-Dichlorobenzene	0.679	0.666	1.9	92	0.00
85		n-Butylbenzene	1.194	1.060	11.2	89	0.00
86	T	Hexachloroethane	0.237	0.220	7.2	95	0.00
87	M	1,2-Dichlorobenzene	0.675	0.681	-0.9	92	0.00
88		1,2-Dibromo-3-Chloropropane	0.103	0.096	6.8	96	0.00
89		1,2,4-Trichlorobenzene	0.324	0.273	15.7	91	0.00
90		Hexachlorobutadiene	0.175	0.194	-10.9	104	0.00
91	M	Naphthalene	0.932	0.638	31.5#	80	0.00
92		1,2,3-Trichlorobenzene	0.318	0.262	17.6	87	0.00

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