Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
Data File : VN067856.D
Acq On : 22 Jul 2021 9:55
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jul 24 07:12:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 14 01:19:19 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	1.533	1.722	-12.3	119	0.00
3	M	Chloromethane	1.915	2.002	-4.5	104	0.00
4	M	Vinyl Chloride	2.979	3.135	-5.2	104	0.00
5	M	Bromomethane	2.480	2.576	-3.9	100	0.00
6	M	Chloroethane	2.218	2.412	-8.7	104	0.00
7	M	Trichlorofluoromethane	5.528	6.194	-12.0	106	0.00
8	T	Diethyl Ether	1.028	1.125	-9.4	111	0.00
9		1,1,2-Trichlorotrifluoroeth	1.571	1.809	-15.1	117	0.00
10	M	1,1-Dichloroethene	1.455	1.599	-9.9	114	0.00
11		Methyl Iodide	1.924	2.022	-5.1	117	0.00
12		Methyl Acetate	1.986	2.243	-12.9	120	0.00
13	M	Acrolein	0.208	0.229	-10.1	121	0.00
14	M	Acrylonitrile	0.873	0.946	-8.4	116	0.00
15	M	Acetone	0.217	0.266	-22.6	129	0.00
16	M	Carbon Disulfide	3.843	3.928	-2.2	111	0.00
17		Allyl chloride	2.561	2.701	-5.5	110	0.00
18	M	Methylene Chloride	2.014	2.033	-0.9	109	0.00
19	M	trans-1,2-Dichloroethene	1.735	1.863	-7.4	116	0.00
20	T	Diisopropyl ether	6.063	6.395	-5.5	113	0.00
21	M	1,1-Dichloroethane	3.336	3.544	-6.2	111	0.00
22	M	cis-1,2-Dichloroethene	2.141	2.251	-5.1	115	0.00
23	M	tert-Butyl Alcohol	0.322	0.333	-3.4	107	0.00
24	M	Methyl tert-Butyl Ether	6.009	6.476	-7.8	114	0.00
25	M	Chloroform	3.712	3.924	-5.7	111	0.00
26		Cyclohexane	2.906	3.006	-3.4	111	0.00
27	s	1,2-Dichloroethane-d4	2.424	2.539	-4.7	95	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29		1,1-Dichloropropene	0.471	0.476	-1.1	108	0.00
30	M	2-Butanone	0.218	0.233	-6.9	116	0.00
31		2,2-Dichloropropane	0.525	0.542	-3.2	112	0.00
32	M	1,1,1-Trichloroethane	0.578	0.597	-3.3	112	0.00
33	M	Carbon Tetrachloride	0.494	0.499	-1.0	112	0.00
34	M	Benzene	1.407	1.485	-5.5	112	0.00
35		Methacrylonitrile	0.224	0.242	-8.0	129	0.00
36	M	1,2-Dichloroethane	0.524	0.563	-7.4	109	0.00
37	M	Trichloroethene	0.366	0.389	-6.3	115	0.00
38		Methylcyclohexane	0.521	0.530	-1.7	110	0.00
39	M	1,2-Dichloropropane	0.359	0.379	-5.6	113	0.00
40		Dibromomethane	0.258	0.275	-6.6	114	0.00
41	M	Bromodichloromethane	0.506	0.532	-5.1	114	0.00
42	M	Vinyl Acetate	0.867	0.932	-7.5	126	0.00
43		Ethyl Acetate	0.441	0.465	-5.4	119	0.00
44		Isopropyl Acetate	0.800	0.824	-3.0	112	0.00
45	T	1,4-Dioxane	0.006	0.006#	0.0	109	0.00
46		Methyl methacrylate	0.345	0.345	0.0	110	0.00
47		n-amyl Acetate	0.657	0.656	0.2	115	0.00
48	M	t-1,3-Dichloropropene	0.546	0.560	-2.6	117	0.00

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Instrument : MSVOA_N
LabSampleId : VSTDCCC020

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
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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)
49	T	cis-1,3-Dichloropropene	0.579	0.575	0.7	111	0.00
50	M	1,1,2-Trichloroethane	0.368	0.389	-5.7	117	0.00
51		Ethyl methacrylate	0.573	0.574	-0.2	112	0.00
52		1,3-Dichloropropane	0.609	0.643	-5.6	114	0.00
53	M	Dibromochloromethane	0.385	0.380	1.3	116	0.00
54	M	1,2-Dibromoethane	0.380	0.383	-0.8	112	0.00
55	M	2-Chloroethyl vinyl ether	0.111	0.107	3.6	117	0.00
56	M	Bromoform	0.270	0.241	10.7	117	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58	M	4-Methyl-2-Pentanone	0.515	0.544	-5.6	111	0.00
59	M	2-Hexanone	0.361	0.383	-6.1	113	0.00
60	S	4-Bromofluorobenzene	0.487	0.478	1.8	93	0.00
61	M	Tetrachloroethene	0.369	0.401	-8.7	115	0.00
62	M	Toluene	1.765	1.803	-2.2	107	0.00
63	S	Toluene-d8	1.380	1.404	-1.7	95	0.00
64	M	Chlorobenzene	1.057	1.094	-3.5	110	0.00
65		1,1,1,2-Tetrachloroethane	0.389	0.403	-3.6	115	0.00
66	M	Ethyl Benzene	1.953	1.977	-1.2	107	0.00
67	M	m/p-Xylenes	0.745	0.761	-2.1	109	0.00
68	M	o-Xylene	0.735	0.739	-0.5	108	0.00
69	M	Styrene	1.216	1.210	0.5	108	0.00
70		Isopropylbenzene	1.897	1.897	0.0	106	0.00
71	M	1,1,2,2-Tetrachloroethane	0.539	0.565	-4.8	111	0.00
72		1,2,3-Trichloropropane	0.448	0.492	-9.8	106	0.00
73		Bromobenzene	0.436	0.431	1.1	111	0.00
74		n-propylbenzene	2.174	2.243	-3.2	108	0.00
75		2-Chlorotoluene	1.305	1.336	-2.4	107	0.00
76		1,3,5-Trimethylbenzene	1.562	1.599	-2.4	108	0.00
77		t-1,4-Dichloro-2-butene	0.151	0.146	3.3	115	0.00
78		4-Chlorotoluene	1.301	1.328	-2.1	106	0.00
79		tert-butylbenzene	1.341	1.329	0.9	106	0.00
80		1,2,4-Trimethylbenzene	1.551	1.570	-1.2	107	0.00
81		sec-Butylbenzene	1.860	1.885	-1.3	106	0.00
82		p-Isopropyltoluene	1.548	1.549	-0.1	109	0.00
83	M	1,3-Dichlorobenzene	0.814	0.810	0.5	110	0.00
84	M	1,4-Dichlorobenzene	0.793	0.783	1.3	109	0.00
85		n-Butylbenzene	1.285	1.298	-1.0	110	0.00
86	T	Hexachloroethane	0.258	0.249	3.5	110	0.00
87	M	1,2-Dichlorobenzene	0.777	0.762	1.9	108	0.00
88		1,2-Dibromo-3-Chloropropane	0.096	0.096	0.0	109	0.00
89		1,2,4-Trichlorobenzene	0.354	0.335	5.4	114	0.00
90		Hexachlorobutadiene	0.170	0.171	-0.6	105	0.00
91	M	Naphthalene	1.007	0.924	8.2	116	0.00
92		1,2,3-Trichlorobenzene	0.340	0.317	6.8	113	0.00

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