Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012021\
Data File : VN065560.D
Acq On : 20 Jan 2021 10:02
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jan 21 01:20:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jan 14 04:12:08 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	75	0.00
2	M	Dichlorodifluoromethane	1.493	1.492	0.1	83	0.00
3	M	Chloromethane	1.848	1.868	-1.1	83	0.00
4	M	Vinyl Chloride	2.036	2.069	-1.6	86	0.00
5	M	Bromomethane	1.452	1.534	-5.6	85	0.02
6	M	Chloroethane	1.324	1.338	-1.1	84	0.00
7	M	Trichlorofluoromethane	2.712	2.884	-6.3	88	0.00
8	T	Diethyl Ether	1.103	1.172	-6.3	86	0.00
9		1,1,2-Trichlorotrifluoroeth	1.611	1.811	-12.4	91	0.00
10	M	1,1-Dichloroethene	1.650	1.783	-8.1	89	0.00
11		Methyl Iodide	2.604	2.749	-5.6	88	0.00
12		Methyl Acetate	1.616	1.767	-9.3	88	0.00
13	M	Acrolein	0.273	0.275	-0.7	84	0.00
14	M	Acrylonitrile	0.732	0.742	-1.4	82	0.00
15	M	Acetone	0.224	0.327	-46.0#	115	0.00
16	M	Carbon Disulfide	4.011	3.991	0.5	85	0.00
17		Allyl chloride	2.339	2.391	-2.2	87	0.00
18	M	Methylene Chloride	1.790	1.901	-6.2	87	0.00
19	M	trans-1,2-Dichloroethene	1.660	1.767	-6.4	88	0.00
20	T	Diisopropyl ether	4.899	5.054	-3.2	85	0.00
21	M	1,1-Dichloroethane	2.927	3.152	-7.7	88	0.00
22	M	cis-1,2-Dichloroethene	1.923	2.042	-6.2	89	0.00
23	M	tert-Butyl Alcohol	0.226	0.223	1.3	79	0.00
24	M	Methyl tert-Butyl Ether	4.838	5.038	-4.1	87	0.00
25	M	Chloroform	3.020	3.252	-7.7	89	0.00
26		Cyclohexane	2.457	2.457	0.0	85	0.00
27	s	1,2-Dichloroethane-d4	1.874	1.805	3.7	71	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
29		1,1-Dichloropropene	0.426	0.456	-7.0	89	0.00
30	M	2-Butanone	0.172	0.203	-18.0	93	0.00
31		2,2-Dichloropropane	0.440	0.496	-12.7	92	0.00
32	M	1,1,1-Trichloroethane	0.482	0.529	-9.8	90	0.00
33	M	Carbon Tetrachloride	0.424	0.455	-7.3	89	0.00
34	M	Benzene	1.312	1.413	-7.7	88	0.00
35		Methacrylonitrile	0.179	0.146	18.4	63	0.00
36	M	1,2-Dichloroethane	0.433	0.459	-6.0	84	0.00
37	M	Trichloroethene	0.391	0.428	-9.5	91	0.00
38		Methylcyclohexane	0.495	0.524	-5.9	90	0.00
39	M	1,2-Dichloropropane	0.341	0.374	-9.7	89	0.00
40		Dibromomethane	0.228	0.246	-7.9	87	0.00
41	M	Bromodichloromethane	0.442	0.477	-7.9	89	0.00
42	M	Vinyl Acetate	0.745	0.762	-2.3	83	0.00
43		Ethyl Acetate	0.367	0.367	0.0	83	0.00
44		Isopropyl Acetate	0.614	0.618	-0.7	81	0.00
45	T	1,4-Dioxane	0.004	0.005#	-25.0	85	0.00
46		Methyl methacrylate	0.303	0.294	3.0	80	0.00
47		n-amyl Acetate	0.531	0.505	4.9	83	0.00
48	M	t-1,3-Dichloropropene	0.490	0.507	-3.5	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.539	0.581	-7.8	90	0.00
50	M	1,1,2-Trichloroethane	0.334	0.367	-9.9	90	0.00
51		Ethyl methacrylate	0.468	0.469	-0.2	85	0.00
52		1,3-Dichloropropane	0.553	0.593	-7.2	88	0.00
53	M	Dibromochloromethane	0.370	0.402	-8.6	93	0.00
54	M	1,2-Dibromoethane	0.357	0.376	-5.3	88	0.00
55	M	2-Chloroethyl vinyl ether	0.205	0.189	7.8	77	0.00
56	M	Bromoform	0.288	0.295	-2.4	91	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
58	M	4-Methyl-2-Pentanone	0.398	0.396	0.5	79	0.00
59	M	2-Hexanone	0.288	0.302	-4.9	85	0.00
60	S	4-Bromofluorobenzene	0.454	0.439	3.3	75	0.00
61	M	Tetrachloroethene	0.479	0.546	-14.0	92	0.00
62	M	Toluene	1.566	1.692	-8.0	89	0.00
63	S	Toluene-d8	1.313	1.316	-0.2	74	0.00
64	M	Chlorobenzene	1.018	1.111	-9.1	91	0.00
65		1,1,1,2-Tetrachloroethane	0.383	0.411	-7.3	89	0.00
66	M	Ethyl Benzene	1.712	1.790	-4.6	88	0.00
67	M	m/p-Xylenes	0.670	0.719	-7.3	90	0.00
68	M	o-Xylene	0.647	0.686	-6.0	89	0.00
69	M	Styrene	1.081	1.140	-5.5	90	0.00
70		Isopropylbenzene	1.692	1.803	-6.6	90	0.00
71	M	1,1,2,2-Tetrachloroethane	0.481	0.495	-2.9	86	0.00
72		1,2,3-Trichloropropane	0.457	0.450	1.5	82	0.00
73		Bromobenzene	0.484	0.513	-6.0	89	0.00
74		n-propylbenzene	1.896	2.029	-7.0	91	0.00
75		2-Chlorotoluene	1.144	1.209	-5.7	88	0.00
76		1,3,5-Trimethylbenzene	1.450	1.549	-6.8	90	0.00
77		t-1,4-Dichloro-2-butene	0.161	0.159	1.2	90	0.00
78		4-Chlorotoluene	1.157	1.223	-5.7	90	0.00
79		tert-butylbenzene	1.246	1.325	-6.3	90	0.00
80		1,2,4-Trimethylbenzene	1.443	1.553	-7.6	90	0.00
81		sec-Butylbenzene	1.611	1.729	-7.3	91	0.00
82		p-Isopropyltoluene	1.505	1.610	-7.0	92	0.00
83	M	1,3-Dichlorobenzene	0.802	0.862	-7.5	93	0.00
84	M	1,4-Dichlorobenzene	0.783	0.830	-6.0	95	0.00
85		n-Butylbenzene	1.190	1.286	-8.1	96	0.00
86	T	Hexachloroethane	0.248	0.255	-2.8	92	0.00
87	M	1,2-Dichlorobenzene	0.790	0.861	-9.0	93	0.00
88		1,2-Dibromo-3-Chloropropane	0.086	0.087	-1.2	90	0.00
89		1,2,4-Trichlorobenzene	0.407	0.446	-9.6	112	0.00
90		Hexachlorobutadiene	0.276	0.319	-15.6	97	0.00
91	M	Naphthalene	1.005	1.043	-3.8	112	0.00
92		1,2,3-Trichlorobenzene	0.401	0.458	-14.2	112	0.00

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