Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061721\
Data File : VN067372.D
Acq On : 17 Jun 2021 12:18
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jun 18 04:41:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 12 09:13:15 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	97	0.00
2	M	Dichlorodifluoromethane	2.238	2.150	3.9	101	0.00
3	M	Chloromethane	2.399	2.187	8.8	96	0.00
4	M	Vinyl Chloride	2.369	2.192	7.5	98	0.00
5	M	Bromomethane	1.189	1.232	-3.6	106	0.00
6	M	Chloroethane	1.383	1.304	5.7	99	0.00
7	M	Trichlorofluoromethane	3.164	2.987	5.6	100	0.00
8	T	Diethyl Ether	1.289	1.231	4.5	100	0.00
9		1,1,2-Trichlorotrifluoroeth	1.871	1.839	1.7	103	0.00
10	M	1,1-Dichloroethene	1.817	1.719	5.4	98	0.00
11		Methyl Iodide	2.185	1.650	24.5	85	0.00
12		Methyl Acetate	2.696	2.608	3.3	102	0.00
13	M	Acrolein	0.322	0.300	6.8	98	0.00
14	M	Acrylonitrile	1.132	1.058	6.5	99	0.00
15	M	Acetone	0.283	0.338	-19.4	127	0.00
16	M	Carbon Disulfide	5.761	5.621	2.4	103	0.00
17		Allyl chloride	3.954	3.776	4.5	102	0.00
18	M	Methylene Chloride	2.229	2.207	1.0	105	0.00
19	M	trans-1,2-Dichloroethene	1.981	1.880	5.1	99	0.00
20	T	Diisopropyl ether	7.673	7.439	3.0	102	0.00
21	M	1,1-Dichloroethane	4.249	4.116	3.1	101	0.00
22	M	cis-1,2-Dichloroethene	2.354	2.274	3.4	100	0.00
23	M	tert-Butyl Alcohol	0.502	0.410	18.3	91	0.00
24	M	Methyl tert-Butyl Ether	7.721	7.235	6.3	99	0.00
25	M	Chloroform	4.351	4.150	4.6	101	0.00
26		Cyclohexane	3.683	3.680	0.1	106	0.00
27	s	1,2-Dichloroethane-d4	3.153	3.275	-3.9	98	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29		1,1-Dichloropropene	0.537	0.498	7.3	104	0.00
30	M	2-Butanone	0.276	0.258	6.5	106	0.00
31		2,2-Dichloropropane	0.575	0.634	-10.3	120	0.00
32	M	1,1,1-Trichloroethane	0.682	0.577	15.4	92	0.00
33	M	Carbon Tetrachloride	0.574	0.477	16.9	92	0.00
34	M	Benzene	1.510	1.413	6.4	103	0.00
35		Methacrylonitrile	0.297	0.271	8.8	101	0.00
36	M	1,2-Dichloroethane	0.643	0.568	11.7	100	0.00
37	M	Trichloroethene	0.358	0.310	13.4	95	0.00
38		Methylcyclohexane	0.553	0.576	-4.2	118	0.00
39	M	1,2-Dichloropropane	0.408	0.375	8.1	102	0.00
40		Dibromomethane	0.280	0.245	12.5	97	0.00
41	M	Bromodichloromethane	0.604	0.530	12.3	97	0.00
42	M	Vinyl Acetate	1.160	1.024	11.7	98	0.00
43		Ethyl Acetate	0.561	0.535	4.6	105	0.00
44		Isopropyl Acetate	1.037	0.901	13.1	98	0.00
45	T	1,4-Dioxane	0.007	0.006#	14.3	95	0.00
46		Methyl methacrylate	0.460	0.387	15.9	97	0.00
47		n-amyl Acetate	0.879	0.739	15.9	100	0.00
48	M	t-1,3-Dichloropropene	0.667	0.583	12.6	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.670	0.619	7.6	105	0.00
50	M	1,1,2-Trichloroethane	0.364	0.328	9.9	101	0.00
51		Ethyl methacrylate	0.665	0.579	12.9	99	0.00
52		1,3-Dichloropropane	0.663	0.604	8.9	102	0.00
53	M	Dibromochloromethane	0.405	0.328	19.0	92	0.00
54	M	1,2-Dibromoethane	0.379	0.326	14.0	98	0.00
55	M	2-Chloroethyl vinyl ether	0.168	0.136	19.0	99	0.00
56	M	Bromoform	0.275	0.197	28.4	84	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58	M	4-Methyl-2-Pentanone	0.659	0.580	12.0	97	0.00
59	M	2-Hexanone	0.477	0.429	10.1	101	0.00
60	S	4-Bromofluorobenzene	0.579	0.553	4.5	96	0.00
61	M	Tetrachloroethene	0.348	0.318	8.6	94	0.00
62	M	Toluene	1.795	1.663	7.4	102	0.00
63	S	Toluene-d8	1.431	1.464	-2.3	101	0.00
64	M	Chlorobenzene	1.055	0.943	10.6	101	0.00
65		1,1,1,2-Tetrachloroethane	0.399	0.341	14.5	94	0.00
66	M	Ethyl Benzene	2.085	1.897	9.0	101	0.00
67	M	m/p-Xylenes	0.735	0.672	8.6	102	0.00
68	M	o-Xylene	0.734	0.654	10.9	100	0.00
69	M	Styrene	1.234	1.080	12.5	98	0.00
70		Isopropylbenzene	1.891	1.720	9.0	101	0.00
71	M	1,1,2,2-Tetrachloroethane	0.575	0.525	8.7	102	0.00
72		1,2,3-Trichloropropane	0.573	0.481	16.1	94	0.00
73		Bromobenzene	0.394	0.340	13.7	97	0.00
74		n-propylbenzene	2.273	2.169	4.6	108	0.00
75		2-Chlorotoluene	1.439	1.290	10.4	101	0.00
76		1,3,5-Trimethylbenzene	1.603	1.467	8.5	103	0.00
77		t-1,4-Dichloro-2-butene	0.200	0.170	15.0	100	0.00
78		4-Chlorotoluene	1.431	1.299	9.2	103	0.00
79		tert-butylbenzene	1.287	1.167	9.3	101	0.00
80		1,2,4-Trimethylbenzene	1.582	1.429	9.7	101	0.00
81		sec-Butylbenzene	1.787	1.714	4.1	108	0.00
82		p-Isopropyltoluene	1.441	1.359	5.7	107	0.00
83	M	1,3-Dichlorobenzene	0.710	0.632	11.0	103	0.00
84	M	1,4-Dichlorobenzene	0.712	0.623	12.5	101	0.00
85		n-Butylbenzene	1.341	1.392	-3.8	121	0.00
86	T	Hexachloroethane	0.295	0.250	15.3	100	0.00
87	M	1,2-Dichlorobenzene	0.692	0.603	12.9	99	0.00
88		1,2-Dibromo-3-Chloropropane	0.146	0.120	17.8	92	0.00
89		1,2,4-Trichlorobenzene	0.352	0.326	7.4	107	0.00
90		Hexachlorobutadiene	0.187	0.167	10.7	102	0.00
91	M	Naphthalene	1.182	1.093	7.5	110	0.00
92		1,2,3-Trichlorobenzene	0.343	0.318	7.3	108	0.00

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