Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061621\
Data File : VN067369.D
Acq On : 16 Jun 2021 18:02
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jun 17 04:22:19 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	95	0.00
2	M	Dichlorodifluoromethane	2.238	2.119	5.3	97	0.00
3	M	Chloromethane	2.399	2.257	5.9	97	0.00
4	M	Vinyl Chloride	2.369	2.156	9.0	94	0.00
5	M	Bromomethane	1.189	1.148	3.4	97	0.00
6	M	Chloroethane	1.383	1.310	5.3	98	0.00
7	M	Trichlorofluoromethane	3.164	2.962	6.4	97	0.00
8	T	Diethyl Ether	1.289	1.214	5.8	96	0.00
9		1,1,2-Trichlorotrifluoroeth	1.871	1.778	5.0	98	0.00
10	M	1,1-Dichloroethene	1.817	1.705	6.2	95	0.00
11		Methyl Iodide	2.185	1.746	20.1	88	0.00
12		Methyl Acetate	2.696	2.600	3.6	100	0.00
13	M	Acrolein	0.322	0.327	-1.6	104	0.00
14	M	Acrylonitrile	1.132	1.085	4.2	100	0.00
15	M	Acetone	0.283	0.288	-1.8	106	0.00
16	M	Carbon Disulfide	5.761	5.450	5.4	98	0.00
17		Allyl chloride	3.954	3.668	7.2	97	0.00
18	M	Methylene Chloride	2.229	2.162	3.0	101	0.00
19	M	trans-1,2-Dichloroethene	1.981	1.873	5.5	97	0.00
20	T	Diisopropyl ether	7.673	7.346	4.3	99	0.00
21	M	1,1-Dichloroethane	4.249	4.074	4.1	98	0.00
22	M	cis-1,2-Dichloroethene	2.354	2.246	4.6	97	0.00
23	M	tert-Butyl Alcohol	0.502	0.442	12.0	96	0.00
24	M	Methyl tert-Butyl Ether	7.721	7.208	6.6	96	0.00
25	M	Chloroform	4.351	4.121	5.3	98	0.00
26		Cyclohexane	3.683	3.608	2.0	102	0.00
27	s	1,2-Dichloroethane-d4	3.153	3.212	-1.9	94	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29		1,1-Dichloropropene	0.537	0.507	5.6	100	0.00
30	M	2-Butanone	0.276	0.254	8.0	99	0.00
31		2,2-Dichloropropane	0.575	0.634	-10.3	114	0.00
32	M	1,1,1-Trichloroethane	0.682	0.595	12.8	89	0.00
33	M	Carbon Tetrachloride	0.574	0.483	15.9	88	0.00
34	M	Benzene	1.510	1.432	5.2	98	0.00
35		Methacrylonitrile	0.297	0.277	6.7	98	0.00
36	M	1,2-Dichloroethane	0.643	0.602	6.4	101	0.00
37	M	Trichloroethene	0.358	0.318	11.2	92	0.00
38		Methylcyclohexane	0.553	0.576	-4.2	111	0.00
39	M	1,2-Dichloropropane	0.408	0.388	4.9	100	0.00
40		Dibromomethane	0.280	0.253	9.6	95	0.00
41	M	Bromodichloromethane	0.604	0.538	10.9	93	0.00
42	M	Vinyl Acetate	1.160	1.060	8.6	96	0.00
43		Ethyl Acetate	0.561	0.524	6.6	97	0.00
44		Isopropyl Acetate	1.037	0.938	9.5	96	0.00
45	T	1,4-Dioxane	0.007	0.006#	14.3	92	0.00
46		Methyl methacrylate	0.460	0.397	13.7	94	0.00
47		n-amyl Acetate	0.879	0.723	17.7	92	0.00
48	M	t-1,3-Dichloropropene	0.667	0.601	9.9	96	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.670	0.635	5.2	102	0.00
50	M	1,1,2-Trichloroethane	0.364	0.338	7.1	98	0.00
51		Ethyl methacrylate	0.665	0.589	11.4	95	0.00
52		1,3-Dichloropropane	0.663	0.627	5.4	100	0.00
53	M	Dibromochloromethane	0.405	0.341	15.8	91	0.00
54	M	1,2-Dibromoethane	0.379	0.336	11.3	95	0.00
55	M	2-Chloroethyl vinyl ether	0.168	0.151	10.1	104	0.00
56	M	Bromoform	0.275	0.213	22.5	86	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58	M	4-Methyl-2-Pentanone	0.659	0.609	7.6	97	0.00
59	M	2-Hexanone	0.477	0.430	9.9	96	0.00
60	S	4-Bromofluorobenzene	0.579	0.536	7.4	88	0.00
61	M	Tetrachloroethene	0.348	0.313	10.1	88	0.00
62	M	Toluene	1.795	1.708	4.8	99	0.00
63	S	Toluene-d8	1.431	1.489	-4.1	97	0.00
64	M	Chlorobenzene	1.055	0.953	9.7	96	0.00
65		1,1,1,2-Tetrachloroethane	0.399	0.353	11.5	92	0.00
66	M	Ethyl Benzene	2.085	1.935	7.2	97	0.00
67	M	m/p-Xylenes	0.735	0.677	7.9	97	0.00
68	M	o-Xylene	0.734	0.656	10.6	95	0.00
69	M	Styrene	1.234	1.076	12.8	93	0.00
70		Isopropylbenzene	1.891	1.767	6.6	99	0.00
71	M	1,1,2,2-Tetrachloroethane	0.575	0.533	7.3	99	0.00
72		1,2,3-Trichloropropane	0.573	0.549	4.2	102	0.00
73		Bromobenzene	0.394	0.329	16.5	89	0.00
74		n-propylbenzene	2.273	2.115	7.0	100	0.00
75		2-Chlorotoluene	1.439	1.283	10.8	95	0.00
76		1,3,5-Trimethylbenzene	1.603	1.443	10.0	96	0.00
77		t-1,4-Dichloro-2-butene	0.200	0.178	11.0	99	0.00
78		4-Chlorotoluene	1.431	1.276	10.8	96	0.00
79		tert-butylbenzene	1.287	1.164	9.6	96	0.00
80		1,2,4-Trimethylbenzene	1.582	1.426	9.9	96	0.00
81		sec-Butylbenzene	1.787	1.704	4.6	102	0.00
82		p-Isopropyltoluene	1.441	1.337	7.2	100	0.00
83	M	1,3-Dichlorobenzene	0.710	0.610	14.1	94	0.00
84	M	1,4-Dichlorobenzene	0.712	0.610	14.3	93	0.00
85		n-Butylbenzene	1.341	1.302	2.9	107	0.00
86	T	Hexachloroethane	0.295	0.256	13.2	97	0.00
87	M	1,2-Dichlorobenzene	0.692	0.598	13.6	93	0.00
88		1,2-Dibromo-3-Chloropropane	0.146	0.116	20.5	84	0.00
89		1,2,4-Trichlorobenzene	0.352	0.292	17.0	91	0.00
90		Hexachlorobutadiene	0.187	0.157	16.0	91	0.00
91	M	Naphthalene	1.182	0.925	21.7	88	0.00
92		1,2,3-Trichlorobenzene	0.343	0.289	15.7	93	0.00

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