Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082120\
Data File : VN063085.D
Acq On : 21 Aug 2020 17:03
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 22 01:17:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Aug 20 14:01:17 2020
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	88	0.00
2	M	Dichlorodifluoromethane	2.145	2.123	1.0	86	0.00
3	M	Chloromethane	2.373	2.307	2.8	85	0.00
4	M	Vinyl Chloride	2.389	2.294	4.0	85	0.00
5	M	Bromomethane	1.473	0.934	36.6#	57	-0.04
6	M	Chloroethane	1.412	0.953	32.5#	60	-0.08
7	M	Trichlorofluoromethane	2.881	2.754	4.4	86	-0.05
8	T	Diethyl Ether	0.958	0.950	0.8	93	0.00
9		1,1,2-Trichlorotrifluoroeth	1.558	1.357	12.9	82	-0.03
10	M	1,1-Dichloroethene	1.400	1.276	8.9	86	-0.03
11		Methyl Iodide	1.921	1.533	20.2	79	-0.02
12		Methyl Acetate	1.866	2.068	-10.8	101	0.00
13	M	Acrolein	0.191	0.187	2.1	99	0.00
14	M	Acrylonitrile	0.817	0.809	1.0	92	0.00
15	M	Acetone	0.236	0.177	25.0	69	0.00
16	M	Carbon Disulfide	3.758	3.193	15.0	79	-0.03
17		Allyl chloride	2.569	2.269	11.7	86	-0.01
18	M	Methylene Chloride	1.959	1.754	10.5	83	-0.02
19	M	trans-1,2-Dichloroethene	1.539	1.372	10.9	85	-0.01
20	T	Diisopropyl ether	6.017	5.821	3.3	90	0.00
21	M	1,1-Dichloroethane	3.302	3.080	6.7	87	0.00
22	M	cis-1,2-Dichloroethene	1.908	1.733	9.2	87	0.00
23	M	tert-Butyl Alcohol	0.268	0.154	42.5#	52	0.04
24	M	Methyl tert-Butyl Ether	5.136	4.866	5.3	90	0.00
25	M	Chloroform	3.288	3.090	6.0	89	0.00
26		Cyclohexane	2.843	2.428	14.6	81	0.00
27	s	1,2-Dichloroethane-d4	2.126	2.213	-4.1	89	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29		1,1-Dichloropropene	0.436	0.371	14.9	84	0.00
30	M	2-Butanone	0.203	0.170	16.3	82	0.00
31		2,2-Dichloropropane	0.530	0.413	22.1	77	0.00
32	M	1,1,1-Trichloroethane	0.525	0.463	11.8	86	0.00
33	M	Carbon Tetrachloride	0.447	0.385	13.9	85	0.00
34	M	Benzene	1.396	1.248	10.6	86	0.00
35		Methacrylonitrile	0.193	0.162	16.1	77	0.00
36	M	1,2-Dichloroethane	0.476	0.443	6.9	89	0.00
37	M	Trichloroethene	0.342	0.299	12.6	85	0.00
38		Methylcyclohexane	0.546	0.390	28.6	73	0.00
39	M	1,2-Dichloropropane	0.406	0.376	7.4	89	0.00
40		Dibromomethane	0.236	0.222	5.9	91	0.00
41	M	Bromodichloromethane	0.523	0.470	10.1	88	0.00
42	M	Vinyl Acetate	0.769	0.669	13.0	89	0.00
43		Ethyl Acetate	0.388	0.373	3.9	92	0.00
44		Isopropyl Acetate	0.651	0.616	5.4	94	0.00
45	T	1,4-Dioxane	0.006	0.003#	50.0#	42	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.320	0.291	9.1	91	0.00
47		n-amyl Acetate	0.578	0.538	6.9	99	0.00
48	M	t-1,3-Dichloropropene	0.552	0.486	12.0	88	0.00
49	T	cis-1,3-Dichloropropene	0.601	0.526	12.5	86	0.00
50	M	1,1,2-Trichloroethane	0.364	0.341	6.3	91	0.00
51		Ethyl methacrylate	0.495	0.435	12.1	91	0.00
52		1,3-Dichloropropane	0.601	0.559	7.0	90	0.00
53	M	Dibromochloromethane	0.399	0.354	11.3	87	0.00
54	M	1,2-Dibromoethane	0.349	0.320	8.3	89	0.00
55	M	2-Chloroethyl vinyl ether	0.102	0.119	-16.7	133	0.00
56	M	Bromoform	0.292	0.256	12.3	90	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	0.432	0.426	1.4	93	0.00
59	M	2-Hexanone	0.308	0.285	7.5	90	0.00
60	S	4-Bromofluorobenzene	0.474	0.467	1.5	90	0.00
61	M	Tetrachloroethene	0.329	0.282	14.3	81	0.00
62	M	Toluene	1.590	1.440	9.4	87	0.00
63	S	Toluene-d8	1.377	1.392	-1.1	89	0.00
64	M	Chlorobenzene	0.984	0.888	9.8	87	0.00
65		1,1,1,2-Tetrachloroethane	0.390	0.356	8.7	88	0.00
66	M	Ethyl Benzene	1.733	1.480	14.6	85	0.00
67	M	m/p-Xylenes	0.649	0.571	12.0	87	0.00
68	M	o-Xylene	0.624	0.536	14.1	86	0.00
69	M	Styrene	1.090	0.942	13.6	87	0.00
70		Isopropylbenzene	1.697	1.414	16.7	83	0.00
71	M	1,1,2,2-Tetrachloroethane	0.544	0.520	4.4	90	0.00
72		1,2,3-Trichloropropane	0.483	0.444	8.1	87	0.00
73		Bromobenzene	0.458	0.398	13.1	86	0.00
74		n-propylbenzene	2.035	1.611	20.8	79	0.00
75		2-Chlorotoluene	1.213	1.032	14.9	84	0.00
76		1,3,5-Trimethylbenzene	1.448	1.143	21.1	78	0.00
77		t-1,4-Dichloro-2-butene	0.171	0.155	9.4	94	0.00
78		4-Chlorotoluene	1.251	1.050	16.1	84	0.00
79		tert-butylbenzene	1.218	0.953	21.8	80	0.00
80		1,2,4-Trimethylbenzene	1.409	1.054	25.2	75	0.00
81		sec-Butylbenzene	1.678	1.242	26.0	75	0.00
82		p-Isopropyltoluene	1.488	1.029	30.8#	71	0.00
83	M	1,3-Dichlorobenzene	0.799	0.679	15.0	85	0.00
84	M	1,4-Dichlorobenzene	0.781	0.657	15.9	85	0.00
85		n-Butylbenzene	1.236	0.804	35.0#	72	0.00
86	T	Hexachloroethane	0.293	0.232	20.8	79	0.00
87	M	1,2-Dichlorobenzene	0.765	0.671	12.3	86	0.00
88		1,2-Dibromo-3-Chloropropane	0.086	0.085	1.2	98	0.00
89		1,2,4-Trichlorobenzene	0.378	0.302	20.1	92	0.00
90		Hexachlorobutadiene	0.279	0.196	29.7	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.834	0.693	16.9	101	0.00
92	1,2,3-Trichlorobenzene	0.377	0.302	19.9	89	0.00

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