Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN053019\
Data File : VN055904.D
Acq On : 30 May 2019 17:04
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: May 31 05:18:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N052219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 23 05:54:54 2019
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	91	0.00
2	M	Dichlorodifluoromethane	1.315	1.288	2.1	89	0.00
3	M	Chloromethane	1.871	1.733	7.4	82	0.00
4	M	Vinyl Chloride	1.910	1.880	1.6	88	0.00
5	M	Bromomethane	1.118	1.344	-20.2	101	-0.01
6	M	Chloroethane	1.116	1.169	-4.7	92	0.00
7	M	Trichlorofluoromethane	2.396	2.500	-4.3	95	0.00
8	T	Diethyl Ether	1.053	1.118	-6.2	96	0.00
9		1,1,2-Trichlorotrifluoroeth	1.514	1.561	-3.1	93	0.00
10	M	1,1-Dichloroethene	1.583	1.575	0.5	89	0.00
11		Methyl Iodide	2.259	2.221	1.7	91	0.00
12		Methyl Acetate	1.937	1.976	-2.0	93	0.00
13	M	Acrolein	0.269	0.245	8.9	86	0.00
14	M	Acrylonitrile	0.883	0.888	-0.6	89	0.00
15	M	Acetone	0.274	0.280	-2.2	87	0.00
16	M	Carbon Disulfide	4.540	3.750	17.4	74	0.00
17		Allyl chloride	2.852	2.609	8.5	83	0.00
18	M	Methylene Chloride	1.814	1.841	-1.5	91	0.00
19	M	trans-1,2-Dichloroethene	1.703	1.663	2.3	87	0.00
20	T	Diisopropyl ether	5.532	5.434	1.8	89	0.00
21	M	1,1-Dichloroethane	3.127	3.101	0.8	89	0.00
22	M	cis-1,2-Dichloroethene	1.987	2.001	-0.7	91	0.00
23	M	tert-Butyl Alcohol	0.388	0.358	7.7	82	0.00
24	M	Methyl tert-Butyl Ether	5.373	5.318	1.0	89	0.00
25	M	Chloroform	3.088	3.094	-0.2	90	0.00
26		Cyclohexane	2.885	2.756	4.5	87	0.00
27	s	1,2-Dichloroethane-d4	1.961	1.975	-0.7	91	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29		1,1-Dichloropropene	0.420	0.421	-0.2	90	0.00
30	M	2-Butanone	0.224	0.227	-1.3	88	0.00
31		2,2-Dichloropropane	0.489	0.451	7.8	80	0.00
32	M	1,1,1-Trichloroethane	0.498	0.488	2.0	87	0.00
33	M	Carbon Tetrachloride	0.445	0.402	9.7	80	0.00
34	M	Benzene	1.297	1.348	-3.9	92	0.00
35		Methacrylonitrile	0.207	0.206	0.5	90	0.00
36	M	1,2-Dichloroethane	0.424	0.441	-4.0	92	0.00
37	M	Trichloroethene	0.362	0.360	0.6	89	0.00
38		Methylcyclohexane	0.532	0.516	3.0	88	0.00
39	M	1,2-Dichloropropane	0.349	0.352	-0.9	90	0.00
40		Dibromomethane	0.225	0.229	-1.8	92	0.00
41	M	Bromodichloromethane	0.461	0.427	7.4	82	0.00
42	M	Vinyl Acetate	0.869	0.835	3.9	84	0.00
43		Ethyl Acetate	0.440	0.439	0.2	87	0.00
44		Isopropyl Acetate	0.729	0.701	3.8	86	0.00
45	T	1,4-Dioxane	0.007	0.007#	0.0	93	0.00

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Quant Time: May 31 05:18:31 2019
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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.340	0.340	0.0	89	0.00
47		n-amyl Acetate	0.603	0.552	8.5	82	0.00
48	M	t-1,3-Dichloropropene	0.509	0.438	13.9	78	0.00
49	T	cis-1,3-Dichloropropene	0.557	0.521	6.5	83	0.00
50	M	1,1,2-Trichloroethane	0.328	0.339	-3.4	92	0.00
51		Ethyl methacrylate	0.528	0.502	4.9	85	0.00
52		1,3-Dichloropropane	0.540	0.550	-1.9	90	0.00
53	M	Dibromochloromethane	0.387	0.335	13.4	78	0.00
54	M	1,2-Dibromoethane	0.339	0.343	-1.2	91	0.00
55	M	2-Chloroethyl vinyl ether	0.205	0.182	11.2	81	0.00
56	M	Bromoform	0.318	0.233	26.7	66	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58	M	4-Methyl-2-Pentanone	0.497	0.506	-1.8	88	0.00
59	M	2-Hexanone	0.355	0.351	1.1	87	0.00
60	S	4-Bromofluorobenzene	0.467	0.440	5.8	85	0.00
61	M	Tetrachloroethene	0.406	0.426	-4.9	90	0.00
62	M	Toluene	1.613	1.697	-5.2	92	0.00
63	S	Toluene-d8	1.371	1.382	-0.8	89	0.00
64	M	Chlorobenzene	0.979	1.014	-3.6	91	0.00
65		1,1,1,2-Tetrachloroethane	0.394	0.373	5.3	83	0.00
66	M	Ethyl Benzene	1.763	1.804	-2.3	90	0.00
67	M	m/p-Xylenes	0.670	0.687	-2.5	90	0.00
68	M	o-Xylene	0.663	0.680	-2.6	89	0.00
69	M	Styrene	1.093	1.090	0.3	89	0.00
70		Isopropylbenzene	1.734	1.801	-3.9	91	0.00
71	M	1,1,2,2-Tetrachloroethane	0.534	0.545	-2.1	88	0.00
72		1,2,3-Trichloropropane	0.459	0.485	-5.7	90	0.00
73		Bromobenzene	0.459	0.453	1.3	88	0.00
74		n-propylbenzene	1.870	1.870	0.0	89	0.00
75		2-Chlorotoluene	1.142	1.171	-2.5	90	0.00
76		1,3,5-Trimethylbenzene	1.433	1.457	-1.7	89	0.00
77		t-1,4-Dichloro-2-butene	0.182	0.133	26.9	67	0.00
78		4-Chlorotoluene	1.082	1.069	1.2	89	0.00
79		tert-butylbenzene	1.260	1.298	-3.0	89	0.00
80		1,2,4-Trimethylbenzene	1.423	1.419	0.3	88	0.00
81		sec-Butylbenzene	1.601	1.632	-1.9	89	0.00
82		p-Isopropyltoluene	1.473	1.468	0.3	88	0.00
83	M	1,3-Dichlorobenzene	0.719	0.694	3.5	87	0.00
84	M	1,4-Dichlorobenzene	0.685	0.635	7.3	86	0.00
85		n-Butylbenzene	1.146	1.032	9.9	84	0.00
86	T	Hexachloroethane	0.290	0.232	20.0	70	0.00
87	M	1,2-Dichlorobenzene	0.724	0.712	1.7	88	0.00
88		1,2-Dibromo-3-Chloropropane	0.101	0.084	16.8	74	0.00
89		1,2,4-Trichlorobenzene	0.391	0.279	28.6	74	0.00
90		Hexachlorobutadiene	0.292	0.248	15.1	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.068	0.819	23.3	77	0.00
92	1,2,3-Trichlorobenzene	0.408	0.323	20.8	76	0.00

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