Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040720\
Data File : VX015530.D
Acq On : 07 Apr 2020 11:29
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Apr 08 03:08:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 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	117	-0.01
2	M	Dichlorodifluoromethane	1.433	1.217	15.1	108	0.00
3	M	Chloromethane	1.768	1.488	15.8	110	0.00
4	M	Vinyl Chloride	1.701	1.479	13.1	111	0.00
5	M	Bromomethane	0.905	1.005	-11.0	112	0.00
6	M	Chloroethane	1.061	0.929	12.4	108	0.00
7	M	Trichlorofluoromethane	2.431	2.225	8.5	113	0.00
8	T	Diethyl Ether	0.935	0.866	7.4	117	0.00
9		1,1,2-Trichlorotrifluoroeth	1.608	1.499	6.8	115	0.00
10	M	1,1-Dichloroethene	1.634	1.453	11.1	110	0.00
11		Methyl Iodide	2.171	1.934	10.9	118	0.00
12		Methyl Acetate	2.390	2.061	13.8	106	0.00
13	M	Acrolein	0.311	0.271	12.9	106	0.00
14	M	Acrylonitrile	1.023	0.878	14.2	104	0.00
15	M	Acetone	0.260	0.248	4.6	114	0.00
16	M	Carbon Disulfide	4.775	4.236	11.3	109	0.00
17		Allyl chloride	3.688	3.226	12.5	108	0.00
18	M	Methylene Chloride	1.834	1.661	9.4	112	0.00
19	M	trans-1,2-Dichloroethene	1.767	1.598	9.6	111	0.00
20	T	Diisopropyl ether	6.615	6.042	8.7	110	0.00
21	M	1,1-Dichloroethane	3.377	3.091	8.5	112	0.00
22	M	cis-1,2-Dichloroethene	2.036	1.848	9.2	113	0.00
23	M	tert-Butyl Alcohol	0.503	0.377	25.0	89	0.00
24	M	Methyl tert-Butyl Ether	6.065	5.483	9.6	110	0.00
25	M	Chloroform	3.338	3.011	9.8	111	0.00
26		Cyclohexane	3.226	2.911	9.8	111	0.00
27	s	1,2-Dichloroethane-d4	2.344	2.480	-5.8	122	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	119	0.00
29		1,1-Dichloropropene	0.451	0.406	10.0	113	0.00
30	M	2-Butanone	0.270	0.229	15.2	104	0.00
31		2,2-Dichloropropane	0.542	0.501	7.6	113	0.00
32	M	1,1,1-Trichloroethane	0.550	0.485	11.8	109	0.00
33	M	Carbon Tetrachloride	0.501	0.437	12.8	108	0.00
34	M	Benzene	1.299	1.155	11.1	110	0.00
35		Methacrylonitrile	0.306	0.258	15.7	104	0.00
36	M	1,2-Dichloroethane	0.502	0.467	7.0	113	0.00
37	M	Trichloroethene	0.366	0.323	11.7	110	0.00
38		Methylcyclohexane	0.553	0.500	9.6	112	0.00
39	M	1,2-Dichloropropane	0.349	0.303	13.2	108	0.00
40		Dibromomethane	0.232	0.197	15.1	106	0.00
41	M	Bromodichloromethane	0.505	0.440	12.9	109	0.00
42	M	Vinyl Acetate	1.024	0.933	8.9	108	0.00
43		Ethyl Acetate	0.588	0.436	25.9	99	0.00
44		Isopropyl Acetate	0.946	0.801	15.3	104	0.00
45	T	1,4-Dioxane	0.009	0.006#	33.3#	85	-0.01

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.472	0.399	15.5	105	0.00
47		n-amyl Acetate	0.816	0.710	13.0	110	0.00
48	M	t-1,3-Dichloropropene	0.583	0.507	13.0	109	0.00
49	T	cis-1,3-Dichloropropene	0.601	0.530	11.8	110	0.00
50	M	1,1,2-Trichloroethane	0.333	0.293	12.0	110	0.00
51		Ethyl methacrylate	0.573	0.492	14.1	108	0.00
52		1,3-Dichloropropane	0.576	0.518	10.1	111	0.00
53	M	Dibromochloromethane	0.411	0.349	15.1	106	0.00
54	M	1,2-Dibromoethane	0.358	0.306	14.5	106	0.00
55	M	2-Chloroethyl vinyl ether	0.271	0.235	13.3	105	0.00
56	M	Bromoform	0.338	0.267	21.0	101	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	122	0.00
58	M	4-Methyl-2-Pentanone	0.574	0.493	14.1	103	0.00
59	M	2-Hexanone	0.437	0.379	13.3	105	0.00
60	S	4-Bromofluorobenzene	0.513	0.522	-1.8	123	0.00
61	M	Tetrachloroethene	0.386	0.338	12.4	110	0.00
62	M	Toluene	1.520	1.370	9.9	113	0.00
63	S	Toluene-d8	1.275	1.287	-0.9	120	0.00
64	M	Chlorobenzene	0.977	0.873	10.6	114	0.00
65		1,1,1,2-Tetrachloroethane	0.399	0.346	13.3	112	0.00
66	M	Ethyl Benzene	1.736	1.573	9.4	113	0.00
67	M	m/p-Xylenes	0.657	0.597	9.1	115	0.00
68	M	o-Xylene	0.642	0.567	11.7	111	0.00
69	M	Styrene	1.119	0.998	10.8	112	0.00
70		Isopropylbenzene	1.702	1.559	8.4	114	0.00
71	M	1,1,2,2-Tetrachloroethane	0.552	0.470	14.9	109	0.00
72		1,2,3-Trichloropropane	0.516	0.452	12.4	109	0.00
73		Bromobenzene	0.457	0.404	11.6	114	0.00
74		n-propylbenzene	1.953	1.847	5.4	117	0.00
75		2-Chlorotoluene	1.188	1.085	8.7	114	0.00
76		1,3,5-Trimethylbenzene	1.462	1.329	9.1	113	0.00
77		t-1,4-Dichloro-2-butene	0.222	0.176	20.7	100	0.00
78		4-Chlorotoluene	1.374	1.297	5.6	118	0.00
79		tert-butylbenzene	1.461	1.306	10.6	112	0.00
80		1,2,4-Trimethylbenzene	1.481	1.353	8.6	114	0.00
81		sec-Butylbenzene	1.676	1.537	8.3	115	0.00
82		p-Isopropyltoluene	1.580	1.470	7.0	118	0.00
83	M	1,3-Dichlorobenzene	0.822	0.740	10.0	117	0.00
84	M	1,4-Dichlorobenzene	0.820	0.737	10.1	116	0.00
85		n-Butylbenzene	1.408	1.355	3.8	122	0.00
86	T	Hexachloroethane	0.305	0.258	15.4	111	0.00
87	M	1,2-Dichlorobenzene	0.802	0.724	9.7	116	0.00
88		1,2-Dibromo-3-Chloropropane	0.145	0.117	19.3	101	0.00
89		1,2,4-Trichlorobenzene	0.646	0.576	10.8	120	0.00
90		Hexachlorobutadiene	0.340	0.271	20.3	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.870	1.649	11.8	111	0.00
92	1,2,3-Trichlorobenzene	0.642	0.575	10.4	119	0.00

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