Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030620\
Data File : VX015118.D
Acq On : 06 Mar 2020 11:13
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Mar 07 00:34:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 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	79	-0.01
2	M	Dichlorodifluoromethane	1.340	1.239	7.5	80	0.00
3	M	Chloromethane	1.732	1.865	-7.7	92	0.00
4	M	Vinyl Chloride	1.864	1.945	-4.3	90	0.00
5	M	Bromomethane	1.306	1.236	5.4	84	0.00
6	M	Chloroethane	1.249	1.213	2.9	81	0.00
7	M	Trichlorofluoromethane	2.713	2.525	6.9	79	0.00
8	T	Diethyl Ether	1.141	1.073	6.0	80	0.00
9		1,1,2-Trichlorotrifluoroeth	1.569	1.574	-0.3	85	0.00
10	M	1,1-Dichloroethene	1.577	1.527	3.2	83	0.00
11		Methyl Iodide	1.916	1.352	29.4	65	0.00
12		Methyl Acetate	1.962	2.020	-3.0	88	0.00
13	M	Acrolein	0.390	0.429	-10.0	95	0.00
14	M	Acrylonitrile	0.886	0.891	-0.6	87	0.00
15	M	Acetone	0.317	0.317	0.0	78	0.00
16	M	Carbon Disulfide	4.240	3.990	5.9	83	0.00
17		Allyl chloride	2.743	2.806	-2.3	89	0.00
18	M	Methylene Chloride	1.817	1.810	0.4	83	0.00
19	M	trans-1,2-Dichloroethene	1.732	1.717	0.9	85	0.00
20	T	Diisopropyl ether	5.603	5.976	-6.7	89	0.00
21	M	1,1-Dichloroethane	3.071	3.152	-2.6	88	0.00
22	M	cis-1,2-Dichloroethene	1.982	1.964	0.9	83	0.00
23	M	tert-Butyl Alcohol	0.351	0.377	-7.4	93	0.00
24	M	Methyl tert-Butyl Ether	5.247	5.366	-2.3	88	0.00
25	M	Chloroform	3.097	3.235	-4.5	88	0.00
26		Cyclohexane	2.745	2.790	-1.6	87	-0.01
27	s	1,2-Dichloroethane-d4	2.086	2.104	-0.9	80	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
29		1,1-Dichloropropene	0.424	0.428	-0.9	86	0.00
30	M	2-Butanone	0.245	0.241	1.6	80	0.00
31		2,2-Dichloropropane	0.466	0.484	-3.9	88	0.00
32	M	1,1,1-Trichloroethane	0.482	0.500	-3.7	89	0.00
33	M	Carbon Tetrachloride	0.422	0.435	-3.1	88	-0.01
34	M	Benzene	1.280	1.322	-3.3	87	0.00
35		Methacrylonitrile	0.250	0.253	-1.2	88	0.00
36	M	1,2-Dichloroethane	0.453	0.481	-6.2	89	0.00
37	M	Trichloroethene	0.360	0.357	0.8	86	0.00
38		Methylcyclohexane	0.526	0.527	-0.2	86	0.00
39	M	1,2-Dichloropropane	0.330	0.354	-7.3	91	0.00
40		Dibromomethane	0.220	0.219	0.5	82	0.00
41	M	Bromodichloromethane	0.435	0.449	-3.2	88	0.00
42	M	Vinyl Acetate	0.862	0.905	-5.0	88	0.00
43		Ethyl Acetate	0.443	0.450	-1.6	85	0.00
44		Isopropyl Acetate	0.745	0.736	1.2	85	0.00
45	T	1,4-Dioxane	0.007	0.008#	-14.3	96	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.369	0.355	3.8	84	0.00
47		n-amyl Acetate	0.645	0.625	3.1	86	0.00
48	M	t-1,3-Dichloropropene	0.482	0.475	1.5	86	0.00
49	T	cis-1,3-Dichloropropene	0.531	0.546	-2.8	88	0.00
50	M	1,1,2-Trichloroethane	0.328	0.345	-5.2	86	0.00
51		Ethyl methacrylate	0.506	0.487	3.8	84	0.00
52		1,3-Dichloropropane	0.555	0.577	-4.0	87	0.00
53	M	Dibromochloromethane	0.354	0.355	-0.3	86	0.00
54	M	1,2-Dibromoethane	0.348	0.354	-1.7	86	0.00
55	M	2-Chloroethyl vinyl ether	0.270	0.256	5.2	79	0.00
56	M	Bromoform	0.278	0.264	5.0	83	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
58	M	4-Methyl-2-Pentanone	0.492	0.504	-2.4	87	0.00
59	M	2-Hexanone	0.384	0.385	-0.3	83	0.00
60	S	4-Bromofluorobenzene	0.467	0.466	0.2	79	0.00
61	M	Tetrachloroethene	0.403	0.400	0.7	82	0.00
62	M	Toluene	1.537	1.566	-1.9	86	0.00
63	S	Toluene-d8	1.308	1.334	-2.0	80	0.00
64	M	Chlorobenzene	0.981	0.975	0.6	85	0.00
65		1,1,1,2-Tetrachloroethane	0.363	0.369	-1.7	87	0.00
66	M	Ethyl Benzene	1.693	1.724	-1.8	87	0.00
67	M	m/p-Xylenes	0.653	0.657	-0.6	86	0.00
68	M	o-Xylene	0.632	0.626	0.9	85	0.00
69	M	Styrene	1.079	1.070	0.8	86	0.00
70		Isopropylbenzene	1.678	1.710	-1.9	87	0.00
71	M	1,1,2,2-Tetrachloroethane	0.540	0.548	-1.5	86	0.00
72		1,2,3-Trichloropropane	0.448	0.456	-1.8	86	0.00
73		Bromobenzene	0.453	0.440	2.9	83	0.00
74		n-propylbenzene	1.909	1.985	-4.0	89	0.00
75		2-Chlorotoluene	1.128	1.155	-2.4	86	0.00
76		1,3,5-Trimethylbenzene	1.406	1.409	-0.2	86	0.00
77		t-1,4-Dichloro-2-butene	0.181	0.167	7.7	86	0.00
78		4-Chlorotoluene	1.305	1.338	-2.5	88	0.00
79		tert-butylbenzene	1.358	1.375	-1.3	88	0.00
80		1,2,4-Trimethylbenzene	1.398	1.420	-1.6	87	0.00
81		sec-Butylbenzene	1.627	1.672	-2.8	88	0.00
82		p-Isopropyltoluene	1.511	1.506	0.3	86	0.00
83	M	1,3-Dichlorobenzene	0.795	0.790	0.6	87	0.00
84	M	1,4-Dichlorobenzene	0.800	0.781	2.4	84	0.00
85		n-Butylbenzene	1.315	1.301	1.1	89	0.00
86	T	Hexachloroethane	0.273	0.268	1.8	91	0.00
87	M	1,2-Dichlorobenzene	0.791	0.784	0.9	86	0.00
88		1,2-Dibromo-3-Chloropropane	0.118	0.106	10.2	80	0.00
89		1,2,4-Trichlorobenzene	0.569	0.535	6.0	84	0.00
90		Hexachlorobutadiene	0.282	0.269	4.6	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.610	1.530	5.0	82	0.00
92	1,2,3-Trichlorobenzene	0.565	0.555	1.8	87	0.00

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