Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072419\
Data File : VX011055.D
Acq On : 24 Jul 2019 12:15
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Jul 25 03:28:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X071919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 03:27:28 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	107	0.00
2	M	Dichlorodifluoromethane	1.983	1.864	6.0	96	0.00
3	M	Chloromethane	1.744	1.543	11.5	90	0.00
4	M	Vinyl Chloride	1.819	1.600	12.0	92	0.00
5	M	Bromomethane	1.001	1.015	-1.4	93	0.00
6	M	Chloroethane	1.076	1.018	5.4	99	0.00
7	M	Trichlorofluoromethane	3.021	2.772	8.2	97	0.00
8	T	Diethyl Ether	0.992	0.947	4.5	101	0.00
9		1,1,2-Trichlorotrifluoroeth	1.669	1.631	2.3	104	0.00
10	M	1,1-Dichloroethene	1.678	1.523	9.2	96	0.00
11		Methyl Iodide	2.253	1.995	11.5	103	0.00
12		Methyl Acetate	2.356	2.199	6.7	98	0.00
13	M	Acrolein	0.283	0.237	16.3	87	0.00
14	M	Acrylonitrile	0.922	0.863	6.4	98	0.00
15	M	Acetone	0.257	0.298	-16.0	120	0.00
16	M	Carbon Disulfide	4.311	3.395	21.2	87	0.00
17		Allyl chloride	2.429	2.271	6.5	103	0.00
18	M	Methylene Chloride	1.868	1.742	6.7	99	0.00
19	M	trans-1,2-Dichloroethene	1.772	1.611	9.1	96	0.00
20	T	Diisopropyl ether	5.128	4.878	4.9	103	0.00
21	M	1,1-Dichloroethane	2.951	2.754	6.7	101	0.00
22	M	cis-1,2-Dichloroethene	2.038	1.877	7.9	99	0.00
23	M	tert-Butyl Alcohol	0.482	0.406	15.8	92	0.00
24	M	Methyl tert-Butyl Ether	5.386	5.152	4.3	103	0.00
25	M	Chloroform	3.232	3.058	5.4	103	0.00
26		Cyclohexane	2.700	2.337	13.4	93	0.00
27	s	1,2-Dichloroethane-d4	2.034	2.004	1.5	107	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29		1,1-Dichloropropene	0.422	0.392	7.1	99	0.00
30	M	2-Butanone	0.228	0.226	0.9	105	0.00
31		2,2-Dichloropropane	0.368	0.429	-16.6	129	0.00
32	M	1,1,1-Trichloroethane	0.509	0.472	7.3	102	0.00
33	M	Carbon Tetrachloride	0.442	0.411	7.0	105	0.00
34	M	Benzene	1.266	1.202	5.1	101	0.00
35		Methacrylonitrile	0.237	0.218	8.0	102	0.00
36	M	1,2-Dichloroethane	0.453	0.419	7.5	102	0.00
37	M	Trichloroethene	0.371	0.349	5.9	102	0.00
38		Methylcyclohexane	0.532	0.487	8.5	98	0.00
39	M	1,2-Dichloropropane	0.316	0.300	5.1	102	0.00
40		Dibromomethane	0.233	0.225	3.4	104	0.00
41	M	Bromodichloromethane	0.423	0.403	4.7	108	0.00
42	M	Vinyl Acetate	0.750	0.719	4.1	104	0.00
43		Ethyl Acetate	0.437	0.386	11.7	96	0.00
44		Isopropyl Acetate	0.712	0.667	6.3	102	0.00
45	T	1,4-Dioxane	0.009	0.009#	0.0	99	0.00

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X071919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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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	0.346	0.313	9.5	100	0.00
47		n-amyl Acetate	0.639	0.602	5.8	105	0.00
48	M	t-1,3-Dichloropropene	0.446	0.431	3.4	112	0.00
49	T	cis-1,3-Dichloropropene	0.487	0.485	0.4	112	0.00
50	M	1,1,2-Trichloroethane	0.341	0.319	6.5	101	0.00
51		Ethyl methacrylate	0.527	0.489	7.2	104	0.00
52		1,3-Dichloropropane	0.547	0.516	5.7	101	0.00
53	M	Dibromochloromethane	0.368	0.348	5.4	108	0.00
54	M	1,2-Dibromoethane	0.370	0.357	3.5	105	0.00
55	M	2-Chloroethyl vinyl ether	0.223	0.217	2.7	105	0.00
56	M	Bromoform	0.274	0.252	8.0	110	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
58	M	4-Methyl-2-Pentanone	0.507	0.471	7.1	100	0.00
59	M	2-Hexanone	0.388	0.375	3.4	104	0.00
60	S	4-Bromofluorobenzene	0.494	0.496	-0.4	112	0.00
61	M	Tetrachloroethene	0.396	0.383	3.3	102	0.00
62	M	Toluene	1.594	1.501	5.8	101	0.00
63	S	Toluene-d8	1.319	1.311	0.6	105	0.00
64	M	Chlorobenzene	1.021	0.989	3.1	105	0.00
65		1,1,1,2-Tetrachloroethane	0.371	0.358	3.5	107	0.00
66	M	Ethyl Benzene	1.794	1.693	5.6	102	0.00
67	M	m/p-Xylenes	0.686	0.647	5.7	100	0.00
68	M	o-Xylene	0.673	0.633	5.9	102	0.00
69	M	Styrene	1.131	1.078	4.7	105	0.00
70		Isopropylbenzene	1.791	1.747	2.5	107	0.00
71	M	1,1,2,2-Tetrachloroethane	0.578	0.548	5.2	103	0.00
72		1,2,3-Trichloropropane	0.482	0.464	3.7	106	0.00
73		Bromobenzene	0.483	0.468	3.1	106	0.00
74		n-propylbenzene	2.016	1.982	1.7	108	0.00
75		2-Chlorotoluene	1.201	1.166	2.9	107	0.00
76		1,3,5-Trimethylbenzene	1.516	1.489	1.8	107	0.00
77		t-1,4-Dichloro-2-butene	0.159	0.155	2.5	123	0.00
78		4-Chlorotoluene	1.379	1.343	2.6	109	0.00
79		tert-butylbenzene	1.470	1.437	2.2	108	0.00
80		1,2,4-Trimethylbenzene	1.527	1.496	2.0	107	0.00
81		sec-Butylbenzene	1.733	1.738	-0.3	110	0.00
82		p-Isopropyltoluene	1.608	1.610	-0.1	110	0.00
83	M	1,3-Dichlorobenzene	0.853	0.846	0.8	109	0.00
84	M	1,4-Dichlorobenzene	0.848	0.830	2.1	107	0.00
85		n-Butylbenzene	1.370	1.401	-2.3	114	0.00
86	T	Hexachloroethane	0.254	0.238	6.3	113	0.00
87	M	1,2-Dichlorobenzene	0.835	0.837	-0.2	106	0.00
88		1,2-Dibromo-3-Chloropropane	0.127	0.119	6.3	106	0.00
89		1,2,4-Trichlorobenzene	0.576	0.596	-3.5	115	0.00
90		Hexachlorobutadiene	0.279	0.291	-4.3	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.758	1.719	2.2	105	0.00
92	1,2,3-Trichlorobenzene	0.577	0.595	-3.1	112	0.00

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