Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX080218\
Data File : VX003829.D
Acq On : 02 Aug 2018 17:33
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Aug 03 04:02:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
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	92	0.00
2	M	Dichlorodifluoromethane	1.585	1.967	-24.1	126	0.00
3	M	Chloromethane	2.133	2.455	-15.1	117	0.00
4	M	Vinyl Chloride	2.243	2.021	9.9	91	0.00
5	M	Bromomethane	1.341	1.093	18.5	88	0.00
6	M	Chloroethane	1.468	1.125	23.4	77	0.00
7	M	Trichlorofluoromethane	3.017	2.655	12.0	91	0.00
8	T	Diethyl Ether	1.293	1.203	7.0	96	0.00
9		1,1,2-Trichlorotrifluoroeth	1.829	1.613	11.8	89	0.00
10	M	1,1-Dichloroethene	1.720	1.479	14.0	88	0.00
11		Methyl Iodide	2.384	1.716	28.0	74	0.00
12		Methyl Acetate	3.182	2.647	16.8	82	0.00
13	M	Acrolein	0.248	0.334	-34.7#	121	0.00
14	M	Acrylonitrile	1.254	1.137	9.3	91	0.00
15	M	Acetone	0.340	0.308	9.4	90	0.00
16	M	Carbon Disulfide	4.776	4.102	14.1	89	0.00
17		Allyl chloride	3.560	2.340	34.3#	67	0.00
18	M	Methylene Chloride	2.037	1.684	17.3	83	0.00
19	M	trans-1,2-Dichloroethene	1.859	1.634	12.1	89	0.00
20	T	Diisopropyl ether	6.537	5.850	10.5	89	0.00
21	M	1,1-Dichloroethane	3.701	3.190	13.8	87	0.00
22	M	cis-1,2-Dichloroethene	1.877	1.834	2.3	92	0.00
23	M	tert-Butyl Alcohol	0.527	0.495	6.1	93	-0.01
24	M	Methyl tert-Butyl Ether	6.169	5.671	8.1	94	0.00
25	M	Chloroform	3.205	3.184	0.7	93	0.00
26		Cyclohexane	2.780	2.558	8.0	89	0.00
27	s	1,2-Dichloroethane-d4	2.202	2.144	2.6	94	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29		1,1-Dichloropropene	0.443	0.424	4.3	88	0.00
30	M	2-Butanone	0.283	0.304	-7.4	94	0.00
31		2,2-Dichloropropane	0.429	0.379	11.7	80	0.00
32	M	1,1,1-Trichloroethane	0.507	0.497	2.0	90	0.00
33	M	Carbon Tetrachloride	0.440	0.431	2.0	88	-0.01
34	M	Benzene	1.361	1.381	-1.5	91	0.00
35		Methacrylonitrile	0.294	0.310	-5.4	96	0.00
36	M	1,2-Dichloroethane	0.489	0.510	-4.3	95	0.00
37	M	Trichloroethene	0.355	0.355	0.0	91	0.00
38		Methylcyclohexane	0.503	0.477	5.2	88	0.00
39	M	1,2-Dichloropropane	0.360	0.375	-4.2	95	0.00
40		Dibromomethane	0.233	0.248	-6.4	96	0.00
41	M	Bromodichloromethane	0.445	0.452	-1.6	95	0.00
42	M	Vinyl Acetate	1.087	0.958	11.9	86	0.00
43		Ethyl Acetate	0.528	0.552	-4.5	93	0.00
44		Isopropyl Acetate	0.811	0.839	-3.5	96	0.00
45	T	1,4-Dioxane	0.009	0.009#	0.0	88	0.00

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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	0.418	0.437	-4.5	97	0.00
47		n-amyl Acetate	0.765	0.715	6.5	93	0.00
48	M	t-1,3-Dichloropropene	0.540	0.542	-0.4	94	0.00
49	T	cis-1,3-Dichloropropene	0.506	0.496	2.0	98	0.00
50	M	1,1,2-Trichloroethane	0.370	0.384	-3.8	99	0.00
51		Ethyl methacrylate	0.556	0.530	4.7	95	0.00
52		1,3-Dichloropropane	0.615	0.623	-1.3	98	0.00
53	M	Dibromochloromethane	0.363	0.365	-0.6	100	0.00
54	M	1,2-Dibromoethane	0.386	0.394	-2.1	99	0.00
55	M	2-Chloroethyl vinyl ether	0.287	0.282	1.7	93	0.00
56	M	Bromoform	0.282	0.285	-1.1	104	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58	M	4-Methyl-2-Pentanone	0.566	0.604	-6.7	95	0.00
59	M	2-Hexanone	0.451	0.464	-2.9	95	0.00
60	S	4-Bromofluorobenzene	0.483	0.480	0.6	95	0.00
61	M	Tetrachloroethene	0.349	0.354	-1.4	98	0.00
62	M	Toluene	1.557	1.562	-0.3	92	0.00
63	S	Toluene-d8	1.351	1.340	0.8	90	0.00
64	M	Chlorobenzene	1.006	1.019	-1.3	94	0.00
65		1,1,1,2-Tetrachloroethane	0.356	0.368	-3.4	97	0.00
66	M	Ethyl Benzene	1.713	1.640	4.3	91	0.00
67	M	m/p-Xylenes	0.660	0.643	2.6	91	0.00
68	M	o-Xylene	0.631	0.621	1.6	93	0.00
69	M	Styrene	1.069	1.048	2.0	92	0.00
70		Isopropylbenzene	1.738	1.662	4.4	92	0.00
71	M	1,1,2,2-Tetrachloroethane	0.621	0.627	-1.0	96	0.00
72		1,2,3-Trichloropropane	0.516	0.554	-7.4	102	0.00
73		Bromobenzene	0.468	0.466	0.4	98	0.00
74		n-propylbenzene	2.048	1.935	5.5	91	0.00
75		2-Chlorotoluene	1.207	1.165	3.5	91	0.00
76		1,3,5-Trimethylbenzene	1.475	1.409	4.5	92	0.00
77		t-1,4-Dichloro-2-butene	0.176	0.168	4.5	96	0.00
78		4-Chlorotoluene	1.412	1.345	4.7	91	0.00
79		tert-butylbenzene	1.518	1.467	3.4	93	0.00
80		1,2,4-Trimethylbenzene	1.510	1.453	3.8	92	0.00
81		sec-Butylbenzene	1.718	1.633	4.9	92	0.00
82		p-Isopropyltoluene	1.518	1.467	3.4	93	0.00
83	M	1,3-Dichlorobenzene	0.856	0.844	1.4	94	0.00
84	M	1,4-Dichlorobenzene	0.861	0.860	0.1	95	0.00
85		n-Butylbenzene	1.347	1.254	6.9	93	0.00
86	T	Hexachloroethane	0.245	0.225	8.2	91	0.00
87	M	1,2-Dichlorobenzene	0.859	0.867	-0.9	97	0.00
88		1,2-Dibromo-3-Chloropropane	0.131	0.131	0.0	100	0.00
89		1,2,4-Trichlorobenzene	0.603	0.609	-1.0	100	0.00
90		Hexachlorobutadiene	0.273	0.286	-4.8	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.843	1.891	-2.6	99	0.00
92	1,2,3-Trichlorobenzene	0.614	0.630	-2.6	98	0.00

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