Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092419\
Data File : VN058348.D
Acq On : 24 Sep 2019 16:09
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 25 02:04:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:36:25 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	93	0.00
2	M	Dichlorodifluoromethane	1.804	1.826	-1.2	92	0.00
3	M	Chloromethane	2.083	2.087	-0.2	95	0.00
4	M	Vinyl Chloride	2.079	2.114	-1.7	94	0.00
5	M	Bromomethane	1.129	1.133	-0.4	100	0.00
6	M	Chloroethane	1.228	1.243	-1.2	92	0.00
7	M	Trichlorofluoromethane	2.447	2.451	-0.2	91	0.00
8	T	Diethyl Ether	1.088	1.099	-1.0	96	0.00
9		1,1,2-Trichlorotrifluoroeth	1.685	1.700	-0.9	95	0.00
10	M	1,1-Dichloroethene	1.647	1.621	1.6	92	0.00
11		Methyl Iodide	1.689	1.703	-0.8	106	0.00
12		Methyl Acetate	2.193	2.178	0.7	97	0.00
13	M	Acrolein	0.062	0.061	1.6	90	0.00
14	M	Acrylonitrile	0.906	0.902	0.4	95	0.00
15	M	Acetone	0.251	0.262	-4.4	93	0.00
16	M	Carbon Disulfide	4.577	4.379	4.3	96	0.00
17		Allyl chloride	3.076	2.976	3.3	92	0.00
18	M	Methylene Chloride	1.943	1.976	-1.7	95	0.00
19	M	trans-1,2-Dichloroethene	1.846	1.790	3.0	91	0.00
20	T	Diisopropyl ether	6.555	6.505	0.8	95	0.00
21	M	1,1-Dichloroethane	3.668	3.673	-0.1	95	0.00
22	M	cis-1,2-Dichloroethene	2.145	2.121	1.1	93	0.00
23	M	tert-Butyl Alcohol	0.334	0.324	3.0	94	0.00
24	M	Methyl tert-Butyl Ether	5.912	5.877	0.6	94	0.00
25	M	Chloroform	3.714	3.650	1.7	94	0.00
26		Cyclohexane	3.428	3.363	1.9	94	0.00
27	s	1,2-Dichloroethane-d4	2.652	2.700	-1.8	94	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29		1,1-Dichloropropene	0.490	0.473	3.5	92	0.00
30	M	2-Butanone	0.222	0.219	1.4	94	0.00
31		2,2-Dichloropropane	0.504	0.490	2.8	94	0.00
32	M	1,1,1-Trichloroethane	0.528	0.515	2.5	94	0.00
33	M	Carbon Tetrachloride	0.449	0.432	3.8	93	0.00
34	M	Benzene	1.389	1.371	1.3	93	0.00
35		Methacrylonitrile	0.191	0.178	6.8	92	0.00
36	M	1,2-Dichloroethane	0.544	0.528	2.9	93	0.00
37	M	Trichloroethene	0.348	0.336	3.4	92	0.00
38		Methylcyclohexane	0.592	0.567	4.2	94	0.00
39	M	1,2-Dichloropropane	0.379	0.373	1.6	95	0.00
40		Dibromomethane	0.239	0.237	0.8	95	0.00
41	M	Bromodichloromethane	0.473	0.450	4.9	93	0.00
42	M	Vinyl Acetate	0.849	0.907	-6.8	95	0.00
43		Ethyl Acetate	0.441	0.448	-1.6	99	0.00
44		Isopropyl Acetate	0.790	0.742	6.1	91	0.00
45	T	1,4-Dioxane	0.007	0.006#	14.3	91	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.375	0.362	3.5	96	0.00
47		n-amyl Acetate	0.688	0.618	10.2	91	0.00
48	M	t-1,3-Dichloropropene	0.517	0.482	6.8	95	0.00
49	T	cis-1,3-Dichloropropene	0.575	0.553	3.8	94	0.00
50	M	1,1,2-Trichloroethane	0.334	0.323	3.3	93	0.00
51		Ethyl methacrylate	0.529	0.495	6.4	93	0.00
52		1,3-Dichloropropane	0.594	0.585	1.5	94	0.00
53	M	Dibromochloromethane	0.336	0.310	7.7	94	0.00
54	M	1,2-Dibromoethane	0.341	0.326	4.4	93	0.00
55	M	2-Chloroethyl vinyl ether	0.224	0.224	0.0	98	0.00
56	M	Bromoform	0.212	0.192	9.4	98	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58	M	4-Methyl-2-Pentanone	0.470	0.510	-8.5	94	0.00
59	M	2-Hexanone	0.355	0.375	-5.6	95	0.00
60	S	4-Bromofluorobenzene	0.519	0.512	1.3	92	0.00
61	M	Tetrachloroethene	0.314	0.308	1.9	92	0.00
62	M	Toluene	1.643	1.693	-3.0	94	0.00
63	S	Toluene-d8	1.432	1.448	-1.1	93	0.00
64	M	Chlorobenzene	1.010	0.994	1.6	91	0.00
65		1,1,1,2-Tetrachloroethane	0.354	0.345	2.5	94	0.00
66	M	Ethyl Benzene	1.792	1.857	-3.6	92	0.00
67	M	m/p-Xylenes	0.688	0.681	1.0	92	0.00
68	M	o-Xylene	0.669	0.663	0.9	92	0.00
69	M	Styrene	1.118	1.082	3.2	91	0.00
70		Isopropylbenzene	1.733	1.794	-3.5	92	0.00
71	M	1,1,2,2-Tetrachloroethane	0.551	0.541	1.8	93	0.00
72		1,2,3-Trichloropropane	0.474	0.485	-2.3	95	0.00
73		Bromobenzene	0.420	0.404	3.8	90	0.00
74		n-propylbenzene	1.998	2.113	-5.8	93	0.00
75		2-Chlorotoluene	1.250	1.253	-0.2	93	0.00
76		1,3,5-Trimethylbenzene	1.492	1.523	-2.1	92	0.00
77		t-1,4-Dichloro-2-butene	0.155	0.135	12.9	94	0.00
78		4-Chlorotoluene	1.281	1.261	1.6	92	0.00
79		tert-butylbenzene	1.292	1.298	-0.5	94	0.00
80		1,2,4-Trimethylbenzene	1.490	1.506	-1.1	90	0.00
81		sec-Butylbenzene	1.695	1.762	-4.0	92	0.00
82		p-Isopropyltoluene	1.526	1.553	-1.8	92	0.00
83	M	1,3-Dichlorobenzene	0.775	0.733	5.4	90	0.00
84	M	1,4-Dichlorobenzene	0.771	0.734	4.8	92	0.00
85		n-Butylbenzene	1.418	1.404	1.0	92	0.00
86	T	Hexachloroethane	0.247	0.228	7.7	93	0.00
87	M	1,2-Dichlorobenzene	0.756	0.719	4.9	90	0.00
88		1,2-Dibromo-3-Chloropropane	0.108	0.098	9.3	93	0.00
89		1,2,4-Trichlorobenzene	0.494	0.457	7.5	95	0.00
90		Hexachlorobutadiene	0.239	0.231	3.3	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.357	1.309	3.5	98	0.00
92	1,2,3-Trichlorobenzene	0.475	0.422	11.2	91	0.00

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