Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081719\
Data File : VN057357.D
Acq On : 16 Aug 2019 15:53
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 19 09:13:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 16 15:42:00 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	88	0.00
2	M	Dichlorodifluoromethane	1.550	1.640	-5.8	86	0.00
3	M	Chloromethane	1.787	1.847	-3.4	89	0.00
4	M	Vinyl Chloride	1.710	1.809	-5.8	90	0.00
5	M	Bromomethane	1.330	1.405	-5.6	89	0.00
6	M	Chloroethane	1.171	1.220	-4.2	89	0.00
7	M	Trichlorofluoromethane	2.740	2.810	-2.6	87	0.00
8	T	Diethyl Ether	1.008	1.043	-3.5	90	0.00
9		1,1,2-Trichlorotrifluoroeth	1.632	1.726	-5.8	89	0.00
10	M	1,1-Dichloroethene	1.618	1.708	-5.6	91	0.00
11		Methyl Iodide	2.729	2.772	-1.6	89	0.00
12		Methyl Acetate	1.819	1.849	-1.6	91	0.00
13	M	Acrolein	0.172	0.188	-9.3	106	0.00
14	M	Acrylonitrile	0.737	0.752	-2.0	91	0.00
15	M	Acetone	0.217	0.200	7.8	76	0.00
16	M	Carbon Disulfide	4.423	4.481	-1.3	90	0.00
17		Allyl chloride	2.364	2.525	-6.8	95	0.00
18	M	Methylene Chloride	1.852	1.908	-3.0	89	0.00
19	M	trans-1,2-Dichloroethene	1.752	1.814	-3.5	91	0.00
20	T	Diisopropyl ether	4.922	5.147	-4.6	90	0.00
21	M	1,1-Dichloroethane	3.041	3.151	-3.6	89	0.00
22	M	cis-1,2-Dichloroethene	2.031	2.100	-3.4	90	0.00
23	M	tert-Butyl Alcohol	0.263	0.264	-0.4	91	0.00
24	M	Methyl tert-Butyl Ether	4.966	5.198	-4.7	91	0.00
25	M	Chloroform	3.179	3.310	-4.1	90	0.00
26		Cyclohexane	2.528	2.584	-2.2	88	0.00
27	s	1,2-Dichloroethane-d4	1.929	1.967	-2.0	89	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29		1,1-Dichloropropene	0.436	0.443	-1.6	89	0.00
30	M	2-Butanone	0.172	0.168	2.3	85	0.00
31		2,2-Dichloropropane	0.478	0.457	4.4	83	0.00
32	M	1,1,1-Trichloroethane	0.516	0.528	-2.3	88	0.00
33	M	Carbon Tetrachloride	0.459	0.462	-0.7	89	0.00
34	M	Benzene	1.324	1.359	-2.6	89	0.00
35		Methacrylonitrile	0.231	0.201	13.0	90	0.00
36	M	1,2-Dichloroethane	0.430	0.443	-3.0	92	0.00
37	M	Trichloroethene	0.385	0.396	-2.9	90	0.00
38		Methylcyclohexane	0.517	0.514	0.6	87	0.00
39	M	1,2-Dichloropropane	0.338	0.351	-3.8	90	0.00
40		Dibromomethane	0.225	0.234	-4.0	91	0.00
41	M	Bromodichloromethane	0.456	0.461	-1.1	89	0.00
42	M	Vinyl Acetate	0.724	0.740	-2.2	89	0.00
43		Ethyl Acetate	0.353	0.362	-2.5	91	0.00
44		Isopropyl Acetate	0.622	0.592	4.8	83	-0.45
45	T	1,4-Dioxane	0.006	0.006#	0.0	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.279	0.277	0.7	88	0.00
47		n-amyl Acetate	0.459	0.425	7.4	88	0.00
48	M	t-1,3-Dichloropropene	0.493	0.490	0.6	88	0.00
49	T	cis-1,3-Dichloropropene	0.549	0.552	-0.5	88	0.00
50	M	1,1,2-Trichloroethane	0.329	0.337	-2.4	90	0.00
51		Ethyl methacrylate	0.476	0.470	1.3	89	0.00
52		1,3-Dichloropropane	0.537	0.557	-3.7	90	0.00
53	M	Dibromochloromethane	0.378	0.385	-1.9	90	0.00
54	M	1,2-Dibromoethane	0.346	0.350	-1.2	89	0.00
55	M	2-Chloroethyl vinyl ether	0.111	0.098	11.7	88	0.00
56	M	Bromoform	0.285	0.276	3.2	91	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58	M	4-Methyl-2-Pentanone	0.391	0.400	-2.3	90	0.00
59	M	2-Hexanone	0.280	0.275	1.8	87	0.00
60	S	4-Bromofluorobenzene	0.442	0.412	6.8	86	0.00
61	M	Tetrachloroethene	0.440	0.447	-1.6	85	0.00
62	M	Toluene	1.655	1.693	-2.3	88	0.00
63	S	Toluene-d8	1.353	1.385	-2.4	90	0.00
64	M	Chlorobenzene	1.039	1.051	-1.2	89	0.00
65		1,1,1,2-Tetrachloroethane	0.404	0.411	-1.7	88	0.00
66	M	Ethyl Benzene	1.808	1.805	0.2	88	0.00
67	M	m/p-Xylenes	0.677	0.675	0.3	88	0.00
68	M	o-Xylene	0.661	0.660	0.2	87	0.00
69	M	Styrene	1.063	1.020	4.0	87	0.00
70		Isopropylbenzene	1.773	1.780	-0.4	88	0.00
71	M	1,1,2,2-Tetrachloroethane	0.486	0.501	-3.1	90	0.00
72		1,2,3-Trichloropropane	0.410	0.441	-7.6	95	0.00
73		Bromobenzene	0.470	0.446	5.1	87	0.00
74		n-propylbenzene	1.842	1.727	6.2	86	0.00
75		2-Chlorotoluene	1.143	1.116	2.4	87	0.00
76		1,3,5-Trimethylbenzene	1.475	1.444	2.1	86	0.00
77		t-1,4-Dichloro-2-butene	0.157	0.149	5.1	90	0.00
78		4-Chlorotoluene	1.069	0.984	8.0	88	0.00
79		tert-butylbenzene	1.314	1.296	1.4	87	0.00
80		1,2,4-Trimethylbenzene	1.391	1.341	3.6	86	0.00
81		sec-Butylbenzene	1.620	1.506	7.0	86	0.00
82		p-Isopropyltoluene	1.451	1.325	8.7	87	0.00
83	M	1,3-Dichlorobenzene	0.688	0.608	11.6	84	0.00
84	M	1,4-Dichlorobenzene	0.643	0.554	13.8	86	0.00
85		n-Butylbenzene	1.079	0.981	9.1	83	0.00
86	T	Hexachloroethane	0.279	0.267	4.3	88	0.00
87	M	1,2-Dichlorobenzene	0.650	0.610	6.2	87	0.00
88		1,2-Dibromo-3-Chloropropane	0.065	0.060	7.7	92	0.00
89		1,2,4-Trichlorobenzene	0.230	0.137	40.4#	80	0.00
90		Hexachlorobutadiene	0.294	0.272	7.5	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.497	0.278	44.1#	86	0.00
92	1,2,3-Trichlorobenzene	0.218	0.142	34.9#	89	0.00

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