Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082319\
Data File : VN057467.D
Acq On : 23 Aug 2019 11:53
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN082319

Quant Time: Aug 23 23:25:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 23 23:15:31 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	108	0.00
2	M	Dichlorodifluoromethane	1.569	1.770	-12.8	118	0.00
3	M	Chloromethane	2.357	2.570	-9.0	115	0.00
4	M	Vinyl Chloride	2.994	3.091	-3.2	105	0.00
5	M	Bromomethane	1.937	2.082	-7.5	111	0.00
6	M	Chloroethane	2.005	2.047	-2.1	106	0.00
7	M	Trichlorofluoromethane	4.762	4.858	-2.0	106	0.00
8	T	Diethyl Ether	1.829	1.882	-2.9	107	0.00
9		1,1,2-Trichlorotrifluoroeth	2.682	2.816	-5.0	108	0.00
10	M	1,1-Dichloroethene	2.589	2.594	-0.2	107	0.00
11		Methyl Iodide	2.328	1.987	14.6	107	0.00
12		Methyl Acetate	2.609	2.668	-2.3	114	0.00
13	M	Acrolein	0.332	0.334	-0.6	105	0.00
14	M	Acrylonitrile	0.906	0.928	-2.4	110	0.00
15	M	Acetone	0.424	0.480	-13.2	106	0.00
16	M	Carbon Disulfide	4.612	4.755	-3.1	112	0.00
17		Allyl chloride	3.533	3.671	-3.9	112	0.00
18	M	Methylene Chloride	1.899	1.968	-3.6	111	0.00
19	M	trans-1,2-Dichloroethene	1.788	1.836	-2.7	113	0.00
20	T	Diisopropyl ether	7.542	7.710	-2.2	108	0.00
21	M	1,1-Dichloroethane	3.919	4.063	-3.7	110	0.00
22	M	cis-1,2-Dichloroethene	2.175	2.251	-3.5	110	0.00
23	M	tert-Butyl Alcohol	0.329	0.349	-6.1	115	0.02
24	M	Methyl tert-Butyl Ether	5.983	6.235	-4.2	111	0.00
25	M	Chloroform	3.891	3.878	0.3	107	0.00
26		Cyclohexane	3.490	3.508	-0.5	108	0.00
27	s	1,2-Dichloroethane-d4	2.892	2.893	-0.0	105	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29		1,1-Dichloropropene	0.510	0.503	1.4	110	0.00
30	M	2-Butanone	0.245	0.249	-1.6	109	0.00
31		2,2-Dichloropropane	0.583	0.613	-5.1	115	0.00
32	M	1,1,1-Trichloroethane	0.583	0.577	1.0	109	0.00
33	M	Carbon Tetrachloride	0.484	0.470	2.9	108	0.00
34	M	Benzene	1.499	1.492	0.5	109	0.00
35		Methacrylonitrile	0.248	0.245	1.2	103	0.00
36	M	1,2-Dichloroethane	0.588	0.580	1.4	110	0.00
37	M	Trichloroethene	0.342	0.336	1.8	107	0.00
38		Methylcyclohexane	0.572	0.578	-1.0	113	0.00
39	M	1,2-Dichloropropane	0.426	0.423	0.7	109	0.00
40		Dibromomethane	0.261	0.256	1.9	109	0.00
41	M	Bromodichloromethane	0.553	0.528	4.5	109	0.00
42	M	Vinyl Acetate	1.097	1.085	1.1	109	0.00
43		Ethyl Acetate	0.477	0.496	-4.0	114	0.00
44		Isopropyl Acetate	0.911	0.909	0.2	110	0.00
45	T	1,4-Dioxane	0.005	0.006#	-20.0	115	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.433	0.425	1.8	110	0.00
47		n-amyl Acetate	0.733	0.699	4.6	113	0.00
48	M	t-1,3-Dichloropropene	0.584	0.561	3.9	112	0.00
49	T	cis-1,3-Dichloropropene	0.642	0.638	0.6	112	0.00
50	M	1,1,2-Trichloroethane	0.342	0.340	0.6	109	0.00
51		Ethyl methacrylate	0.568	0.557	1.9	113	0.00
52		1,3-Dichloropropane	0.623	0.619	0.6	109	0.00
53	M	Dibromochloromethane	0.364	0.356	2.2	110	0.00
54	M	1,2-Dibromoethane	0.350	0.337	3.7	110	0.00
55	M	2-Chloroethyl vinyl ether	0.140	0.133	5.0	125	0.00
56	M	Bromoform	0.217	0.208	4.1	115	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
58	M	4-Methyl-2-Pentanone	0.589	0.606	-2.9	110	0.00
59	M	2-Hexanone	0.408	0.430	-5.4	112	0.00
60	S	4-Bromofluorobenzene	0.495	0.484	2.2	113	0.00
61	M	Tetrachloroethene	0.344	0.346	-0.6	107	0.00
62	M	Toluene	1.834	1.823	0.6	108	0.00
63	S	Toluene-d8	1.515	1.513	0.1	106	0.00
64	M	Chlorobenzene	0.997	1.005	-0.8	112	0.00
65		1,1,1,2-Tetrachloroethane	0.379	0.379	0.0	110	0.00
66	M	Ethyl Benzene	1.962	1.972	-0.5	111	0.00
67	M	m/p-Xylenes	0.681	0.699	-2.6	114	0.00
68	M	o-Xylene	0.673	0.668	0.7	108	0.00
69	M	Styrene	1.074	1.065	0.8	115	0.00
70		Isopropylbenzene	1.799	1.797	0.1	111	0.00
71	M	1,1,2,2-Tetrachloroethane	0.520	0.534	-2.7	114	0.00
72		1,2,3-Trichloropropane	0.472	0.474	-0.4	113	0.00
73		Bromobenzene	0.364	0.356	2.2	112	0.00
74		n-propylbenzene	2.052	2.055	-0.1	116	0.00
75		2-Chlorotoluene	1.208	1.213	-0.4	113	0.00
76		1,3,5-Trimethylbenzene	1.477	1.480	-0.2	112	0.00
77		t-1,4-Dichloro-2-butene	0.169	0.164	3.0	112	0.00
78		4-Chlorotoluene	1.142	1.116	2.3	118	0.00
79		tert-butylbenzene	1.257	1.243	1.1	110	0.00
80		1,2,4-Trimethylbenzene	1.377	1.414	-2.7	115	0.00
81		sec-Butylbenzene	1.656	1.660	-0.2	114	0.00
82		p-Isopropyltoluene	1.392	1.392	0.0	118	0.00
83	M	1,3-Dichlorobenzene	0.567	0.553	2.5	118	0.00
84	M	1,4-Dichlorobenzene	0.552	0.543	1.6	124	0.00
85		n-Butylbenzene	1.214	1.230	-1.3	128	0.00
86	T	Hexachloroethane	0.281	0.287	-2.1	116	0.00
87	M	1,2-Dichlorobenzene	0.557	0.543	2.5	114	0.00
88		1,2-Dibromo-3-Chloropropane	0.087	0.084	3.4	119	0.00
89		1,2,4-Trichlorobenzene	0.209	0.183	12.4	154#	0.00
90		Hexachlorobutadiene	0.160	0.179	-11.9	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.675	0.599	11.3	137	0.00
92	1,2,3-Trichlorobenzene	0.209	0.197	5.7	148	0.00

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