Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081420\
Data File : VN062932.D
Acq On : 14 Aug 2020 00:57
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN081420

Quant Time: Aug 14 06:34:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 14 06:20:27 2020
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	106	0.00
2	M	Dichlorodifluoromethane	2.572	2.772	-7.8	107	0.00
3	M	Chloromethane	2.228	2.932	-31.6#	151#	0.00
4	M	Vinyl Chloride	2.354	3.696	-57.0#	191#	0.00
5	M	Bromomethane	2.030	2.169	-6.8	114	0.00
6	M	Chloroethane	2.041	2.081	-2.0	106	0.00
7	M	Trichlorofluoromethane	4.589	4.446	3.1	93	0.00
8	T	Diethyl Ether	1.004	0.939	6.5	103	0.00
9		1,1,2-Trichlorotrifluoroeth	1.510	1.469	2.7	106	0.00
10	M	1,1-Dichloroethene	1.384	1.344	2.9	108	0.00
11		Methyl Iodide	1.922	1.592	17.2	94	0.00
12		Methyl Acetate	2.096	2.178	-3.9	115	0.00
13	M	Acrolein	0.268	0.261	2.6	120	0.00
14	M	Acrylonitrile	0.915	0.907	0.9	112	0.00
15	M	Acetone	0.244	0.248	-1.6	108	0.00
16	M	Carbon Disulfide	3.948	3.652	7.5	109	0.00
17		Allyl chloride	2.384	2.418	-1.4	118	0.00
18	M	Methylene Chloride	1.791	1.814	-1.3	113	0.00
19	M	trans-1,2-Dichloroethene	1.546	1.416	8.4	105	0.01
20	T	Diisopropyl ether	5.582	5.923	-6.1	115	0.00
21	M	1,1-Dichloroethane	3.267	3.272	-0.2	107	0.00
22	M	cis-1,2-Dichloroethene	1.848	1.813	1.9	108	0.00
23	M	tert-Butyl Alcohol	0.392	0.376	4.1	104	0.00
24	M	Methyl tert-Butyl Ether	6.015	5.757	4.3	106	0.00
25	M	Chloroform	3.545	3.437	3.0	106	0.00
26		Cyclohexane	2.766	2.839	-2.6	117	0.00
27	s	1,2-Dichloroethane-d4	2.680	2.721	-1.5	106	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29		1,1-Dichloropropene	0.443	0.445	-0.5	108	0.00
30	M	2-Butanone	0.228	0.226	0.9	108	0.00
31		2,2-Dichloropropane	0.441	0.394	10.7	94	0.00
32	M	1,1,1-Trichloroethane	0.606	0.614	-1.3	108	0.00
33	M	Carbon Tetrachloride	0.538	0.526	2.2	104	0.00
34	M	Benzene	1.330	1.343	-1.0	109	0.00
35		Methacrylonitrile	0.203	0.209	-3.0	127	0.00
36	M	1,2-Dichloroethane	0.578	0.578	0.0	107	0.00
37	M	Trichloroethene	0.330	0.310	6.1	100	0.00
38		Methylcyclohexane	0.529	0.491	7.2	103	0.00
39	M	1,2-Dichloropropane	0.363	0.361	0.6	107	0.00
40		Dibromomethane	0.246	0.245	0.4	105	0.00
41	M	Bromodichloromethane	0.552	0.544	1.4	104	0.00
42	M	Vinyl Acetate	0.772	0.787	-1.9	116	0.00
43		Ethyl Acetate	0.449	0.438	2.4	108	0.00
44		Isopropyl Acetate	0.733	0.741	-1.1	115	0.00
45	T	1,4-Dioxane	0.007	0.007#	0.0	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.366	0.370	-1.1	115	0.00
47		n-amyl Acetate	0.654	0.633	3.2	111	0.00
48	M	t-1,3-Dichloropropene	0.577	0.564	2.3	107	0.00
49	T	cis-1,3-Dichloropropene	0.580	0.576	0.7	110	0.00
50	M	1,1,2-Trichloroethane	0.354	0.361	-2.0	108	0.00
51		Ethyl methacrylate	0.538	0.534	0.7	113	0.00
52		1,3-Dichloropropane	0.611	0.631	-3.3	110	0.00
53	M	Dibromochloromethane	0.423	0.420	0.7	106	0.00
54	M	1,2-Dibromoethane	0.362	0.381	-5.2	116	0.00
55	M	2-Chloroethyl vinyl ether	0.130	0.110	15.4	108	0.00
56	M	Bromoform	0.300	0.303	-1.0	110	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
58	M	4-Methyl-2-Pentanone	0.522	0.474	9.2	105	0.00
59	M	2-Hexanone	0.381	0.386	-1.3	117	0.00
60	S	4-Bromofluorobenzene	0.528	0.506	4.2	112	0.00
61	M	Tetrachloroethene	0.310	0.291	6.1	109	0.00
62	M	Toluene	1.582	1.409	10.9	102	0.00
63	S	Toluene-d8	1.403	1.306	6.9	103	0.00
64	M	Chlorobenzene	0.992	0.946	4.6	111	0.00
65		1,1,1,2-Tetrachloroethane	0.410	0.390	4.9	107	0.00
66	M	Ethyl Benzene	1.761	1.642	6.8	111	0.00
67	M	m/p-Xylenes	0.652	0.637	2.3	112	0.00
68	M	o-Xylene	0.626	0.605	3.4	115	0.00
69	M	Styrene	1.111	1.038	6.6	108	0.00
70		Isopropylbenzene	1.781	1.672	6.1	110	0.00
71	M	1,1,2,2-Tetrachloroethane	0.586	0.583	0.5	115	0.00
72		1,2,3-Trichloropropane	0.580	0.566	2.4	106	0.00
73		Bromobenzene	0.437	0.413	5.5	111	0.00
74		n-propylbenzene	2.055	1.912	7.0	111	0.00
75		2-Chlorotoluene	1.290	1.183	8.3	107	0.00
76		1,3,5-Trimethylbenzene	1.583	1.446	8.7	109	0.00
77		t-1,4-Dichloro-2-butene	0.187	0.164	12.3	109	0.00
78		4-Chlorotoluene	1.312	1.190	9.3	108	0.00
79		tert-butylbenzene	1.308	1.211	7.4	110	0.00
80		1,2,4-Trimethylbenzene	1.547	1.419	8.3	110	0.00
81		sec-Butylbenzene	1.727	1.584	8.3	111	0.00
82		p-Isopropyltoluene	1.544	1.401	9.3	111	0.00
83	M	1,3-Dichlorobenzene	0.765	0.706	7.7	110	0.00
84	M	1,4-Dichlorobenzene	0.751	0.684	8.9	112	0.00
85		n-Butylbenzene	1.316	1.077	18.2	115	0.00
86	T	Hexachloroethane	0.334	0.282	15.6	106	0.00
87	M	1,2-Dichlorobenzene	0.790	0.689	12.8	110	0.00
88		1,2-Dibromo-3-Chloropropane	0.138	0.116	15.9	118	0.00
89		1,2,4-Trichlorobenzene	0.364	0.282	22.5	112	0.00
90		Hexachlorobutadiene	0.243	0.215	11.5	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.985	0.803	18.5	128	0.00
92	1,2,3-Trichlorobenzene	0.364	0.299	17.9	117	0.00

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