Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
Data File : VN065146.D
Acq On : 15 Dec 2020 16:42
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN121520

Quant Time: Dec 16 07:16:17 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Dec 15 15:18:54 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	1.701	1.635	3.9	110	0.00
3	M	Chloromethane	1.959	1.895	3.3	108	0.00
4	M	Vinyl Chloride	2.158	2.038	5.6	114	0.00
5	M	Bromomethane	1.515	1.426	5.9	130	0.00
6	M	Chloroethane	1.286	1.239	3.7	129	0.00
7	M	Trichlorofluoromethane	3.193	2.900	9.2	117	0.00
8	T	Diethyl Ether	1.020	0.990	2.9	112	0.00
9		1,1,2-Trichlorotrifluoroeth	1.648	1.644	0.2	115	0.00
10	M	1,1-Dichloroethene	1.599	1.533	4.1	111	0.00
11		Methyl Iodide	2.223	2.046	8.0	108	0.00
12		Methyl Acetate	1.455	1.409	3.2	112	0.00
13	M	Acrolein	0.206	0.200	2.9	114	0.00
14	M	Acrylonitrile	0.713	0.695	2.5	111	0.00
15	M	Acetone	0.224	0.252	-12.5	116	0.00
16	M	Carbon Disulfide	4.704	4.517	4.0	110	0.00
17		Allyl chloride	2.316	2.375	-2.5	131	0.00
18	M	Methylene Chloride	1.881	1.776	5.6	106	0.00
19	M	trans-1,2-Dichloroethene	1.737	1.690	2.7	112	0.00
20	T	Diisopropyl ether	5.713	5.053	11.6	112	0.00
21	M	1,1-Dichloroethane	3.447	2.995	13.1	108	0.00
22	M	cis-1,2-Dichloroethene	1.958	1.892	3.4	111	0.00
23	M	tert-Butyl Alcohol	0.231	0.222	3.9	118	0.00
24	M	Methyl tert-Butyl Ether	4.844	4.783	1.3	117	0.00
25	M	Chloroform	3.258	3.104	4.7	110	0.00
26		Cyclohexane	2.519	2.467	2.1	113	0.00
27	s	1,2-Dichloroethane-d4	2.054	2.065	-0.5	112	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
29		1,1-Dichloropropene	0.472	0.431	8.7	114	0.00
30	M	2-Butanone	0.183	0.174	4.9	115	0.00
31		2,2-Dichloropropane	0.523	0.482	7.8	117	0.00
32	M	1,1,1-Trichloroethane	0.561	0.505	10.0	114	0.00
33	M	Carbon Tetrachloride	0.507	0.458	9.7	113	0.00
34	M	Benzene	1.427	1.308	8.3	110	0.00
35		Methacrylonitrile	0.179	0.147	17.9	96	0.00
36	M	1,2-Dichloroethane	0.489	0.434	11.2	112	0.00
37	M	Trichloroethene	0.389	0.362	6.9	114	0.00
38		Methylcyclohexane	0.563	0.479	14.9	116	0.00
39	M	1,2-Dichloropropane	0.383	0.341	11.0	111	0.00
40		Dibromomethane	0.269	0.222	17.5	110	0.00
41	M	Bromodichloromethane	0.546	0.447	18.1	112	0.00
42	M	Vinyl Acetate	0.871	0.737	15.4	116	0.00
43		Ethyl Acetate	0.377	0.339	10.1	106	0.00
44		Isopropyl Acetate	0.630	0.562	10.8	113	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	114	0.00
46		Methyl methacrylate	0.320	0.272	15.0	119	0.00
47		n-amyl Acetate	0.521	0.466	10.6	120	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	M	t-1,3-Dichloropropene	0.534	0.479	10.3	117	0.00
49	T	cis-1,3-Dichloropropene	0.606	0.532	12.2	114	0.00
50	M	1,1,2-Trichloroethane	0.349	0.318	8.9	111	0.00
51		Ethyl methacrylate	0.467	0.412	11.8	114	0.00
52		1,3-Dichloropropane	0.578	0.532	8.0	114	0.00
53	M	Dibromochloromethane	0.404	0.354	12.4	112	0.00
54	M	1,2-Dibromoethane	0.364	0.317	12.9	109	0.00
55	M	2-Chloroethyl vinyl ether	0.236	0.158	33.1#	87	0.00
56	M	Bromoform	0.275	0.235	14.5	107	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	0.437	0.389	11.0	114	0.00
59	M	2-Hexanone	0.290	0.284	2.1	119	0.00
60	S	4-Bromofluorobenzene	0.471	0.464	1.5	114	0.00
61	M	Tetrachloroethene	0.436	0.425	2.5	113	0.00
62	M	Toluene	1.662	1.574	5.3	112	0.00
63	S	Toluene-d8	1.448	1.386	4.3	109	0.00
64	M	Chlorobenzene	1.036	0.978	5.6	113	0.00
65		1,1,1,2-Tetrachloroethane	0.393	0.362	7.9	111	0.00
66	M	Ethyl Benzene	1.761	1.647	6.5	114	0.00
67	M	m/p-Xylenes	0.686	0.649	5.4	115	0.00
68	M	o-Xylene	0.649	0.611	5.9	115	0.00
69	M	Styrene	1.079	0.985	8.7	114	0.00
70		Isopropylbenzene	1.694	1.616	4.6	115	0.00
71	M	1,1,2,2-Tetrachloroethane	0.491	0.450	8.4	110	0.00
72		1,2,3-Trichloropropane	0.470	0.399	15.1	96	0.00
73		Bromobenzene	0.440	0.413	6.1	114	0.00
74		n-propylbenzene	1.933	1.831	5.3	116	0.00
75		2-Chlorotoluene	1.176	1.106	6.0	113	0.00
76		1,3,5-Trimethylbenzene	1.462	1.368	6.4	113	0.00
77		t-1,4-Dichloro-2-butene	0.166	0.141	15.1	108	0.00
78		4-Chlorotoluene	1.201	1.126	6.2	116	0.00
79		tert-butylbenzene	1.227	1.095	10.8	110	0.00
80		1,2,4-Trimethylbenzene	1.450	1.370	5.5	115	0.00
81		sec-Butylbenzene	1.592	1.494	6.2	117	0.00
82		p-Isopropyltoluene	1.496	1.374	8.2	119	0.00
83	M	1,3-Dichlorobenzene	0.784	0.695	11.4	114	0.00
84	M	1,4-Dichlorobenzene	0.821	0.671	18.3	113	0.00
85		n-Butylbenzene	1.320	1.105	16.3	119	0.00
86	T	Hexachloroethane	0.288	0.233	19.1	114	0.00
87	M	1,2-Dichlorobenzene	0.813	0.681	16.2	112	0.00
88		1,2-Dibromo-3-Chloropropane	0.096	0.080	16.7	118	0.00
89		1,2,4-Trichlorobenzene	0.366	0.280	23.5	115	0.00
90		Hexachlorobutadiene	0.231	0.189	18.2	114	0.00
91	M	Naphthalene	1.033	0.770	25.5	117	0.00
92		1,2,3-Trichlorobenzene	0.345	0.268	22.3	117	0.00

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Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

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