Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030521\
Data File : VN066137.D
Acq On : 5 Mar 2021 15:59
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN030521

Quant Time: Mar 06 02:40:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030521W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Mar 06 02:33:59 2021
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	102	0.00
2	M	Dichlorodifluoromethane	1.461	1.289	11.8	103	0.00
3	M	Chloromethane	1.973	1.978	-0.3	111	0.00
4	M	Vinyl Chloride	2.043	1.940	5.0	112	0.00
5	M	Bromomethane	1.433	1.489	-3.9	117	0.00
6	M	Chloroethane	1.207	1.148	4.9	109	0.00
7	M	Trichlorofluoromethane	3.123	2.890	7.5	106	0.00
8	T	Diethyl Ether	1.063	1.043	1.9	112	0.00
9		1,1,2-Trichlorotrifluoroeth	1.310	1.222	6.7	105	0.00
10	M	1,1-Dichloroethene	1.489	1.436	3.6	108	0.00
11		Methyl Iodide	2.306	2.026	12.1	102	0.00
12		Methyl Acetate	1.603	1.562	2.6	107	0.00
13	M	Acrolein	0.279	0.253	9.3	101	0.00
14	M	Acrylonitrile	0.776	0.736	5.2	107	0.00
15	M	Acetone	0.228	0.249	-9.2	114	0.00
16	M	Carbon Disulfide	4.374	4.250	2.8	110	0.00
17		Allyl chloride	2.693	2.573	4.5	108	0.00
18	M	Methylene Chloride	1.842	1.803	2.1	110	0.00
19	M	trans-1,2-Dichloroethene	1.709	1.644	3.8	108	0.00
20	T	Diisopropyl ether	5.228	5.109	2.3	109	0.00
21	M	1,1-Dichloroethane	3.288	3.113	5.3	106	0.00
22	M	cis-1,2-Dichloroethene	2.068	1.949	5.8	107	0.00
23	M	tert-Butyl Alcohol	0.346	0.338	2.3	107	0.00
24	M	Methyl tert-Butyl Ether	6.059	5.864	3.2	107	0.00
25	M	Chloroform	3.556	3.374	5.1	108	0.00
26		Cyclohexane	2.508	2.314	7.7	106	0.00
27	s	1,2-Dichloroethane-d4	2.605	2.630	-1.0	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29		1,1-Dichloropropene	0.440	0.405	8.0	108	0.00
30	M	2-Butanone	0.179	0.174	2.8	108	0.00
31		2,2-Dichloropropane	0.577	0.549	4.9	108	0.00
32	M	1,1,1-Trichloroethane	0.571	0.522	8.6	105	0.00
33	M	Carbon Tetrachloride	0.489	0.449	8.2	106	0.00
34	M	Benzene	1.334	1.262	5.4	110	0.00
35		Methacrylonitrile	0.201	0.161	19.9	97	-0.02
36	M	1,2-Dichloroethane	0.546	0.510	6.6	108	0.00
37	M	Trichloroethene	0.362	0.348	3.9	113	0.00
38		Methylcyclohexane	0.472	0.423	10.4	106	0.00
39	M	1,2-Dichloropropane	0.339	0.323	4.7	112	0.00
40		Dibromomethane	0.233	0.217	6.9	106	0.00
41	M	Bromodichloromethane	0.522	0.489	6.3	110	0.00
42	M	Vinyl Acetate	0.796	0.759	4.6	110	0.00
43		Ethyl Acetate	0.375	0.353	5.9	115	0.00
44		Isopropyl Acetate	0.681	0.620	9.0	105	0.00
45	T	1,4-Dioxane	0.006	0.006#	0.0	111	0.00
46		Methyl methacrylate	0.320	0.286	10.6	103	0.00
47		n-amyl Acetate	0.489	0.389	20.4	107	0.00
48	M	t-1,3-Dichloropropene	0.602	0.565	6.1	112	0.00
49	T	cis-1,3-Dichloropropene	0.622	0.576	7.4	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	M	1,1,2-Trichloroethane	0.326	0.311	4.6	113	0.00
51		Ethyl methacrylate	0.492	0.458	6.9	114	0.00
52		1,3-Dichloropropane	0.569	0.539	5.3	111	0.00
53	M	Dibromochloromethane	0.398	0.360	9.5	109	0.00
54	M	1,2-Dibromoethane	0.344	0.319	7.3	109	0.00
55	M	2-Chloroethyl vinyl ether	0.173	0.162	6.4	104	0.00
56	M	Bromoform	0.263	0.238	9.5	110	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
58	M	4-Methyl-2-Pentanone	0.397	0.371	6.5	106	0.00
59	M	2-Hexanone	0.276	0.250	9.4	108	0.00
60	S	4-Bromofluorobenzene	0.520	0.520	0.0	111	0.00
61	M	Tetrachloroethene	0.386	0.375	2.8	108	0.00
62	M	Toluene	1.550	1.457	6.0	111	0.00
63	S	Toluene-d8	1.352	1.324	2.1	104	0.00
64	M	Chlorobenzene	1.006	0.944	6.2	113	0.00
65		1,1,1,2-Tetrachloroethane	0.387	0.358	7.5	110	0.00
66	M	Ethyl Benzene	1.778	1.658	6.7	111	0.00
67	M	m/p-Xylenes	0.689	0.639	7.3	110	0.00
68	M	o-Xylene	0.677	0.633	6.5	112	0.00
69	M	Styrene	1.108	1.029	7.1	114	0.00
70		Isopropylbenzene	1.767	1.642	7.1	112	0.00
71	M	1,1,2,2-Tetrachloroethane	0.481	0.446	7.3	107	0.00
72		1,2,3-Trichloropropane	0.487	0.444	8.8	103	0.00
73		Bromobenzene	0.425	0.391	8.0	112	0.00
74		n-propylbenzene	1.954	1.821	6.8	113	0.00
75		2-Chlorotoluene	1.249	1.179	5.6	114	0.00
76		1,3,5-Trimethylbenzene	1.587	1.454	8.4	111	0.00
77		t-1,4-Dichloro-2-butene	0.170	0.153	10.0	114	0.00
78		4-Chlorotoluene	1.272	1.195	6.1	115	0.00
79		tert-butylbenzene	1.321	1.233	6.7	111	0.00
80		1,2,4-Trimethylbenzene	1.560	1.456	6.7	114	0.00
81		sec-Butylbenzene	1.648	1.527	7.3	113	0.00
82		p-Isopropyltoluene	1.566	1.446	7.7	113	0.00
83	M	1,3-Dichlorobenzene	0.737	0.684	7.2	115	0.00
84	M	1,4-Dichlorobenzene	0.711	0.687	3.4	121	0.00
85		n-Butylbenzene	1.231	1.131	8.1	119	0.00
86	T	Hexachloroethane	0.244	0.216	11.5	118	0.00
87	M	1,2-Dichlorobenzene	0.729	0.685	6.0	113	0.00
88		1,2-Dibromo-3-Chloropropane	0.115	0.104	9.6	114	0.00
89		1,2,4-Trichlorobenzene	0.394	0.346	12.2	122	0.00
90		Hexachlorobutadiene	0.179	0.175	2.2	116	0.00
91	M	Naphthalene	1.152	1.022	11.3	119	0.00
92		1,2,3-Trichlorobenzene	0.401	0.374	6.7	122	0.00

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