Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
Data File : VN070031.D
Acq On : 13 Dec 2021 13:46
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121321

Quant Time: Dec 14 05:26:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Dec 14 00:59:04 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	104	0.00
2	M	Dichlorodifluoromethane	2.177	2.217	-1.8	105	0.00
3	M	Chloromethane	2.494	2.509	-0.6	105	0.00
4	M	Vinyl Chloride	2.346	2.319	1.2	106	0.00
5	M	Bromomethane	1.283	1.320	-2.9	110	0.02
6	M	Chloroethane	1.347	1.331	1.2	105	0.00
7	M	Trichlorofluoromethane	3.063	2.988	2.4	103	0.00
8	T	Diethyl Ether	1.216	1.152	5.3	105	0.00
9		1,1,2-Trichlorotrifluoroeth	1.799	1.773	1.4	105	0.00
10	M	1,1-Dichloroethene	1.711	1.650	3.6	104	0.00
11		Methyl Iodide	2.395	2.127	11.2	96	0.00
12		Methyl Acetate	4.216	3.947	6.4	106	0.00
13	M	Acrolein	0.341	0.308	9.7	106	0.00
14	M	Acrylonitrile	1.217	1.105	9.2	104	0.00
15	M	Acetone	0.442	0.367	17.0	81	0.00
16	M	Carbon Disulfide	5.157	5.119	0.7	107	0.00
17		Allyl chloride	3.849	3.667	4.7	106	0.00
18	M	Methylene Chloride	2.063	2.007	2.7	107	0.00
19	M	trans-1,2-Dichloroethene	1.818	1.795	1.3	107	0.00
20	T	Diisopropyl ether	7.372	7.123	3.4	107	0.00
21	M	1,1-Dichloroethane	3.886	3.707	4.6	105	0.00
22	M	cis-1,2-Dichloroethene	2.152	2.055	4.5	106	0.00
23	M	tert-Butyl Alcohol	0.385	0.327	15.1	107	0.00
24	M	Methyl tert-Butyl Ether	6.077	5.862	3.5	108	0.00
25	M	Chloroform	3.861	3.687	4.5	104	0.00
26		Cyclohexane	3.597	3.440	4.4	105	0.00
27	s	1,2-Dichloroethane-d4	2.659	2.657	0.1	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29		1,1-Dichloropropene	0.517	0.499	3.5	105	0.00
30	M	2-Butanone	0.355	0.304	14.4	93	0.00
31		2,2-Dichloropropane	0.540	0.516	4.4	108	0.00
32	M	1,1,1-Trichloroethane	0.598	0.568	5.0	106	0.00
33	M	Carbon Tetrachloride	0.532	0.510	4.1	105	0.00
34	M	Benzene	1.527	1.449	5.1	104	0.00
35		Methacrylonitrile	0.329	0.297	9.7	107	0.00
36	M	1,2-Dichloroethane	0.603	0.579	4.0	106	0.00
37	M	Trichloroethene	0.363	0.347	4.4	106	0.00
38		Methylcyclohexane	0.614	0.584	4.9	106	0.00
39	M	1,2-Dichloropropane	0.407	0.384	5.7	104	0.00
40		Dibromomethane	0.269	0.256	4.8	104	0.00
41	M	Bromodichloromethane	0.568	0.535	5.8	104	0.00
42	M	Vinyl Acetate	1.044	0.993	4.9	109	0.00
43		Ethyl Acetate	0.617	0.576	6.6	110	0.00
44		Isopropyl Acetate	0.994	0.914	8.0	107	0.00
45	T	1,4-Dioxane	0.007	0.007#	0.0	109	0.00
46		Methyl methacrylate	0.471	0.424	10.0	102	0.00
47		n-amyl Acetate	0.693	0.612	11.7	116	0.00
48	M	t-1,3-Dichloropropene	0.571	0.517	9.5	107	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.620	0.579	6.6	108	0.00
50	M	1,1,2-Trichloroethane	0.365	0.341	6.6	103	0.00
51		Ethyl methacrylate	0.583	0.531	8.9	111	0.00
52		1,3-Dichloropropane	0.646	0.600	7.1	102	0.00
53	M	Dibromochloromethane	0.410	0.377	8.0	104	0.00
54	M	1,2-Dibromoethane	0.372	0.346	7.0	107	0.00
55	M	2-Chloroethyl vinyl ether	0.114	0.095	16.7	108	0.00
56	M	Bromoform	0.312	0.281	9.9	105	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58	M	4-Methyl-2-Pentanone	0.689	0.644	6.5	104	0.00
59	M	2-Hexanone	0.509	0.462	9.2	101	0.00
60	S	4-Bromofluorobenzene	0.494	0.490	0.8	107	0.00
61	M	Tetrachloroethene	0.350	0.337	3.7	101	0.00
62	M	Toluene	1.764	1.700	3.6	104	0.00
63	S	Toluene-d8	1.386	1.402	-1.2	103	0.00
64	M	Chlorobenzene	1.047	1.005	4.0	105	0.00
65		1,1,1,2-Tetrachloroethane	0.394	0.376	4.6	104	0.00
66	M	Ethyl Benzene	1.961	1.864	4.9	103	0.00
67	M	m/p-Xylenes	0.717	0.689	3.9	104	0.00
68	M	o-Xylene	0.709	0.669	5.6	103	0.00
69	M	Styrene	1.156	1.092	5.5	105	0.00
70		Isopropylbenzene	1.860	1.781	4.2	105	0.00
71	M	1,1,2,2-Tetrachloroethane	0.610	0.577	5.4	103	0.00
72		1,2,3-Trichloropropane	0.568	0.476	16.2	87	0.00
73		Bromobenzene	0.432	0.414	4.2	106	0.00
74		n-propylbenzene	2.156	2.066	4.2	106	0.00
75		2-Chlorotoluene	1.319	1.260	4.5	106	0.00
76		1,3,5-Trimethylbenzene	1.528	1.454	4.8	105	0.00
77		t-1,4-Dichloro-2-butene	0.179	0.157	12.3	109	0.00
78		4-Chlorotoluene	1.265	1.207	4.6	106	0.00
79		tert-butylbenzene	1.326	1.237	6.7	105	0.00
80		1,2,4-Trimethylbenzene	1.478	1.419	4.0	105	0.00
81		sec-Butylbenzene	1.851	1.737	6.2	106	0.00
82		p-Isopropyltoluene	1.475	1.384	6.2	105	0.00
83	M	1,3-Dichlorobenzene	0.730	0.709	2.9	108	0.00
84	M	1,4-Dichlorobenzene	0.702	0.679	3.3	109	0.00
85		n-Butylbenzene	1.232	1.121	9.0	108	0.00
86	T	Hexachloroethane	0.294	0.265	9.9	104	0.00
87	M	1,2-Dichlorobenzene	0.701	0.684	2.4	107	0.00
88		1,2-Dibromo-3-Chloropropane	0.117	0.110	6.0	113	0.00
89		1,2,4-Trichlorobenzene	0.326	0.318	2.5	116	0.00
90		Hexachlorobutadiene	0.194	0.200	-3.1	109	0.00
91	M	Naphthalene	0.847	0.851	-0.5	136	0.00
92		1,2,3-Trichlorobenzene	0.308	0.316	-2.6	120	0.00

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