Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
Data File : VN067025.D
Acq On : 6 May 2021 21:36
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN050721

Quant Time: May 07 06:59:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 07 06:53:40 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	2.052	1.918	6.5	99	0.00
3	M	Chloromethane	3.130	2.811	10.2	101	0.00
4	M	Vinyl Chloride	3.027	2.714	10.3	101	0.00
5	M	Bromomethane	1.689	1.525	9.7	103	0.01
6	M	Chloroethane	1.744	1.644	5.7	108	0.00
7	M	Trichlorofluoromethane	3.676	3.226	12.2	98	0.00
8	T	Diethyl Ether	1.242	1.120	9.8	106	0.00
9		1,1,2-Trichlorotrifluoroeth	1.779	1.564	12.1	98	0.00
10	M	1,1-Dichloroethene	1.708	1.504	11.9	101	0.00
11		Methyl Iodide	2.323	2.003	13.8	99	0.00
12		Methyl Acetate	2.427	2.099	13.5	101	0.00
13	M	Acrolein	0.397	0.348	12.3	105	0.00
14	M	Acrylonitrile	0.960	0.859	10.5	102	0.00
15	M	Acetone	0.279	0.241	13.6	99	0.00
16	M	Carbon Disulfide	5.650	5.038	10.8	101	0.00
17		Allyl chloride	3.335	3.020	9.4	112	0.00
18	M	Methylene Chloride	2.318	1.960	15.4	97	0.00
19	M	trans-1,2-Dichloroethene	1.880	1.721	8.5	104	0.00
20	T	Diisopropyl ether	6.156	5.692	7.5	103	0.00
21	M	1,1-Dichloroethane	4.093	3.598	12.1	100	0.00
22	M	cis-1,2-Dichloroethene	2.156	1.910	11.4	101	0.00
23	M	tert-Butyl Alcohol	0.382	0.325	14.9	102	0.00
24	M	Methyl tert-Butyl Ether	5.660	5.061	10.6	102	0.00
25	M	Chloroform	3.949	3.539	10.4	103	0.00
26		Cyclohexane	2.844	2.526	11.2	102	0.00
27	s	1,2-Dichloroethane-d4	2.629	2.604	1.0	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29		1,1-Dichloropropene	0.525	0.472	10.1	103	0.00
30	M	2-Butanone	0.252	0.220	12.7	103	0.00
31		2,2-Dichloropropane	0.633	0.527	16.7	98	0.00
32	M	1,1,1-Trichloroethane	0.681	0.596	12.5	101	0.00
33	M	Carbon Tetrachloride	0.593	0.517	12.8	101	0.00
34	M	Benzene	1.701	1.495	12.1	102	0.00
35		Methacrylonitrile	0.235	0.202	14.0	101	0.00
36	M	1,2-Dichloroethane	0.634	0.555	12.5	101	0.00
37	M	Trichloroethene	0.368	0.320	13.0	101	0.00
38		Methylcyclohexane	0.522	0.451	13.6	103	0.00
39	M	1,2-Dichloropropane	0.472	0.409	13.3	99	0.00
40		Dibromomethane	0.292	0.251	14.0	101	0.00
41	M	Bromodichloromethane	0.616	0.531	13.8	102	0.00
42	M	Vinyl Acetate	1.084	0.974	10.1	103	0.00
43		Ethyl Acetate	0.593	0.562	5.2	105	0.00
44		Isopropyl Acetate	0.900	0.799	11.2	104	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	103	0.00
46		Methyl methacrylate	0.379	0.332	12.4	105	0.00
47		n-amyl Acetate	0.204	0.000#	100.0#	0#	-11.79#
48	M	t-1,3-Dichloropropene	0.631	0.542	14.1	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.692	0.605	12.6	102	0.00
50	M	1,1,2-Trichloroethane	0.404	0.344	14.9	99	0.00
51		Ethyl methacrylate	0.527	0.458	13.1	104	0.00
52		1,3-Dichloropropane	0.701	0.621	11.4	104	0.00
53	M	Dibromochloromethane	0.444	0.379	14.6	100	0.00
54	M	1,2-Dibromoethane	0.386	0.331	14.2	99	0.00
55	M	2-Chloroethyl vinyl ether	0.101	0.079	21.8	97	0.00
56	M	Bromoform	0.295	0.246	16.6	101	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.562	0.518	7.8	101	0.00
59	M	2-Hexanone	0.331	0.295	10.9	99	0.00
60	S	4-Bromofluorobenzene	0.499	0.478	4.2	96	0.00
61	M	Tetrachloroethene	0.340	0.309	9.1	100	0.00
62	M	Toluene	1.851	1.689	8.8	102	0.00
63	S	Toluene-d8	1.486	1.537	-3.4	104	0.00
64	M	Chlorobenzene	1.081	0.953	11.8	97	0.00
65		1,1,1,2-Tetrachloroethane	0.431	0.390	9.5	102	0.00
66	M	Ethyl Benzene	1.879	1.703	9.4	100	0.00
67	M	m/p-Xylenes	0.706	0.640	9.3	101	0.00
68	M	o-Xylene	0.696	0.627	9.9	102	0.00
69	M	Styrene	1.070	0.947	11.5	99	0.00
70		Isopropylbenzene	1.806	1.601	11.4	99	0.00
71	M	1,1,2,2-Tetrachloroethane	0.657	0.571	13.1	93	0.00
72		1,2,3-Trichloropropane	0.596	0.545	8.6	99	0.00
73		Bromobenzene	0.436	0.368	15.6	93	0.00
74		n-propylbenzene	2.070	1.838	11.2	98	0.00
75		2-Chlorotoluene	1.330	1.210	9.0	98	0.00
76		1,3,5-Trimethylbenzene	1.596	1.433	10.2	99	0.00
77		t-1,4-Dichloro-2-butene	0.133	0.105	21.1	91	0.00
78		4-Chlorotoluene	1.194	1.126	5.7	98	0.00
79		tert-butylbenzene	1.352	1.196	11.5	99	0.00
80		1,2,4-Trimethylbenzene	1.496	1.334	10.8	98	0.00
81		sec-Butylbenzene	1.788	1.545	13.6	97	0.00
82		p-Isopropyltoluene	1.422	1.258	11.5	100	0.00
83	M	1,3-Dichlorobenzene	0.724	0.636	12.2	100	0.00
84	M	1,4-Dichlorobenzene	0.749	0.633	15.5	105	0.00
85		n-Butylbenzene	1.145	0.926	19.1	99	0.00
86	T	Hexachloroethane	0.315	0.265	15.9	96	0.00
87	M	1,2-Dichlorobenzene	0.750	0.691	7.9	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.127	0.098	22.8	105	0.00
89		1,2,4-Trichlorobenzene	0.379	0.330	12.9	105	0.00
90		Hexachlorobutadiene	0.256	0.221	13.7	102	0.00
91	M	Naphthalene	1.038	1.031	0.7	118	0.00
92		1,2,3-Trichlorobenzene	0.397	0.343	13.6	101	0.00

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