Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
Data File : VN071343.D
Acq On : 17 Mar 2022 02:27
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN031722

Quant Time: Mar 17 06:40:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 17 06:37:08 2022
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	105	0.00
2	M	Dichlorodifluoromethane	1.940	1.947	-0.4	104	0.00
3	M	Chloromethane	2.588	2.537	2.0	102	0.00
4	M	Vinyl Chloride	2.377	2.296	3.4	100	0.00
5	M	Bromomethane	1.191	1.368	-14.9	111	0.00
6	M	Chloroethane	1.446	1.419	1.9	101	0.00
7	M	Trichlorofluoromethane	2.997	2.955	1.4	104	0.00
8	T	Diethyl Ether	1.302	1.257	3.5	105	0.00
9		1,1,2-Trichlorotrifluoroeth	1.685	1.613	4.3	101	0.00
10	M	1,1-Dichloroethene	1.715	1.652	3.7	103	0.00
11		Methyl Iodide	2.362	2.110	10.7	98	0.00
12		Methyl Acetate	3.283	3.160	3.7	104	0.00
13	M	Acrolein	0.430	0.417	3.0	102	0.00
14	M	Acrylonitrile	1.368	1.292	5.6	101	0.00
15	M	Acetone	0.360	0.346	3.9	104	0.00
16	M	Carbon Disulfide	4.638	4.529	2.4	107	0.00
17		Allyl chloride	3.535	3.324	6.0	101	0.00
18	M	Methylene Chloride	2.091	1.984	5.1	101	0.00
19	M	trans-1,2-Dichloroethene	1.803	1.783	1.1	106	0.00
20	T	Diisopropyl ether	7.114	6.948	2.3	107	0.00
21	M	1,1-Dichloroethane	3.785	3.621	4.3	100	0.00
22	M	cis-1,2-Dichloroethene	2.185	2.112	3.3	104	0.00
23	M	tert-Butyl Alcohol	0.506	0.468	7.5	101	0.00
24	M	Methyl tert-Butyl Ether	6.546	6.346	3.1	104	0.00
25	M	Chloroform	3.636	3.519	3.2	101	0.00
26		Cyclohexane	3.427	3.304	3.6	104	0.00
27	s	1,2-Dichloroethane-d4	2.382	2.324	2.4	102	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29		1,1-Dichloropropene	0.483	0.472	2.3	104	0.00
30	M	2-Butanone	0.342	0.325	5.0	101	0.00
31		2,2-Dichloropropane	0.453	0.413	8.8	95	0.00
32	M	1,1,1-Trichloroethane	0.563	0.553	1.8	103	0.00
33	M	Carbon Tetrachloride	0.479	0.472	1.5	103	0.00
34	M	Benzene	1.494	1.460	2.3	102	0.00
35		Methacrylonitrile	0.331	0.337	-1.8	106	0.00
36	M	1,2-Dichloroethane	0.534	0.529	0.9	104	0.00
37	M	Trichloroethene	0.356	0.346	2.8	104	0.00
38		Methylcyclohexane	0.579	0.568	1.9	106	0.00
39	M	1,2-Dichloropropane	0.396	0.389	1.8	102	0.00
40		Dibromomethane	0.251	0.237	5.6	99	0.00
41	M	Bromodichloromethane	0.505	0.493	2.4	103	0.00
42	M	Vinyl Acetate	1.117	1.093	2.1	103	0.00
43		Ethyl Acetate	0.665	0.638	4.1	101	0.00
44		Isopropyl Acetate	1.069	1.011	5.4	102	0.00
45	T	1,4-Dioxane	0.010	0.009#	10.0	97	0.00
46		Methyl methacrylate	0.473	0.433	8.5	103	0.00
47		n-amyl Acetate	0.709	0.642	9.4	101	0.00
48	M	t-1,3-Dichloropropene	0.550	0.512	6.9	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.595	0.570	4.2	103	0.00
50	M	1,1,2-Trichloroethane	0.365	0.352	3.6	103	0.00
51		Ethyl methacrylate	0.628	0.589	6.2	103	0.00
52		1,3-Dichloropropane	0.657	0.639	2.7	103	0.00
53	M	Dibromochloromethane	0.380	0.366	3.7	103	0.00
54	M	1,2-Dibromoethane	0.378	0.363	4.0	104	0.00
55	M	2-Chloroethyl vinyl ether	0.190	0.161	15.3	101	0.00
56	M	Bromoform	0.293	0.276	5.8	105	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.720	0.722	-0.3	101	0.00
59	M	2-Hexanone	0.535	0.529	1.1	101	0.00
60	S	4-Bromofluorobenzene	0.463	0.455	1.7	102	0.00
61	M	Tetrachloroethene	0.327	0.330	-0.9	104	0.00
62	M	Toluene	1.715	1.741	-1.5	102	0.00
63	S	Toluene-d8	1.380	1.424	-3.2	104	0.00
64	M	Chlorobenzene	1.040	1.052	-1.2	104	0.00
65		1,1,1,2-Tetrachloroethane	0.386	0.390	-1.0	103	0.00
66	M	Ethyl Benzene	1.890	1.870	1.1	102	0.00
67	M	m/p-Xylenes	0.710	0.715	-0.7	104	0.00
68	M	o-Xylene	0.715	0.717	-0.3	103	0.00
69	M	Styrene	1.127	1.109	1.6	104	0.00
70		Isopropylbenzene	1.808	1.793	0.8	103	0.00
71	M	1,1,2,2-Tetrachloroethane	0.627	0.631	-0.6	101	0.00
72		1,2,3-Trichloropropane	0.570	0.574	-0.7	114	0.00
73		Bromobenzene	0.423	0.416	1.7	104	0.00
74		n-propylbenzene	1.993	1.936	2.9	103	0.00
75		2-Chlorotoluene	1.249	1.221	2.2	102	0.00
76		1,3,5-Trimethylbenzene	1.435	1.428	0.5	103	0.00
77		t-1,4-Dichloro-2-butene	0.189	0.173	8.5	101	0.00
78		4-Chlorotoluene	1.158	1.110	4.1	103	0.00
79		tert-butylbenzene	1.311	1.278	2.5	101	0.00
80		1,2,4-Trimethylbenzene	1.392	1.386	0.4	101	0.00
81		sec-Butylbenzene	1.745	1.705	2.3	105	0.00
82		p-Isopropyltoluene	1.403	1.353	3.6	103	0.00
83	M	1,3-Dichlorobenzene	0.691	0.685	0.9	105	0.00
84	M	1,4-Dichlorobenzene	0.658	0.645	2.0	105	0.00
85		n-Butylbenzene	1.045	0.973	6.9	106	0.00
86	T	Hexachloroethane	0.267	0.256	4.1	105	0.00
87	M	1,2-Dichlorobenzene	0.671	0.672	-0.1	103	0.00
88		1,2-Dibromo-3-Chloropropane	0.120	0.113	5.8	99	0.00
89		1,2,4-Trichlorobenzene	0.310	0.292	5.8	106	0.00
90		Hexachlorobutadiene	0.175	0.179	-2.3	106	0.00
91	M	Naphthalene	0.972	0.905	6.9	112	0.00
92		1,2,3-Trichlorobenzene	0.318	0.304	4.4	107	0.00

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