Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
Data File : VN077503.D
Acq On : 28 Apr 2023 15:59
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042823

Quant Time: Apr 28 16:22:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 28 16:20:59 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% 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	3.735	3.921	-5.0	111	0.00
3	M	Chloromethane	2.759	2.683	2.8	103	0.00
4	M	Vinyl Chloride	3.837	3.669	4.4	100	0.00
5	M	Bromomethane	3.239	3.057	5.6	106	-0.02
6	M	Chloroethane	2.763	2.413	12.7	96	0.00
7	M	Trichlorofluoromethane	5.659	6.089	-7.6	113	-0.01
8	T	Diethyl Ether	1.980	2.006	-1.3	107	0.00
9		1,1,2-Trichlorotrifluoroeth	3.198	3.257	-1.8	106	0.00
10	M	1,1-Dichloroethene	3.068	3.054	0.5	106	0.00
11		Methyl Iodide	3.764	3.759	0.1	104	0.00
12		Methyl Acetate	4.425	4.220	4.6	97	0.01
13	M	Acrolein	0.531	0.520	2.1	99	0.00
14	M	Acrylonitrile	1.358	1.235	9.1	96	0.00
15	M	Acetone	0.433	0.426	1.6	94	-0.01
16	M	Carbon Disulfide	7.695	7.512	2.4	105	-0.01
17		Allyl chloride	3.365	3.183	5.4	102	0.00
18	M	Methylene Chloride	3.620	3.440	5.0	100	0.00
19	M	trans-1,2-Dichloroethene	3.390	3.346	1.3	104	0.00
20	T	Diisopropyl ether	7.832	7.545	3.7	100	0.00
21	M	1,1-Dichloroethane	5.724	5.581	2.5	102	0.00
22	M	cis-1,2-Dichloroethene	4.061	4.021	1.0	105	0.00
23	M	tert-Butyl Alcohol	0.586	0.527	10.1	96	0.00
24	M	Methyl tert-Butyl Ether	10.643	10.315	3.1	104	0.00
25	M	Chloroform	6.579	6.433	2.2	101	0.00
26		Cyclohexane	4.669	4.554	2.5	101	0.00
27	s	1,2-Dichloroethane-d4	2.675	2.700	-0.9	107	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29		1,1-Dichloropropene	0.632	0.612	3.2	102	0.00
30	M	2-Butanone	0.232	0.209	9.9	92	0.00
31		2,2-Dichloropropane	0.740	0.742	-0.3	105	0.00
32	M	1,1,1-Trichloroethane	0.816	0.791	3.1	100	0.00
33	M	Carbon Tetrachloride	0.708	0.670	5.4	100	0.00
34	M	Benzene	1.945	1.836	5.6	99	0.00
35		Methacrylonitrile	0.237	0.213	10.1	94	0.00
36	M	1,2-Dichloroethane	0.664	0.628	5.4	97	0.00
37	M	Trichloroethene	0.492	0.474	3.7	102	0.00
38		Methylcyclohexane	0.831	0.824	0.8	104	0.00
39	M	1,2-Dichloropropane	0.450	0.440	2.2	104	0.00
40		Dibromomethane	0.355	0.348	2.0	105	0.00
41	M	Bromodichloromethane	0.702	0.685	2.4	103	0.00
42	M	Vinyl Acetate	0.730	0.624	14.5	99	0.00
43		Ethyl Acetate	0.449	0.413	8.0	93	0.00
44		Isopropyl Acetate	0.795	0.728	8.4	94	0.00
45	T	1,4-Dioxane	0.010	0.010	0.0	103	0.00
46		Methyl methacrylate	0.362	0.347	4.1	101	0.00
47		n-amyl Acetate	0.637	0.607	4.7	101	0.00
48	M	t-1,3-Dichloropropene	0.714	0.691	3.2	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.771	0.757	1.8	102	0.00
50	M	1,1,2-Trichloroethane	0.504	0.485	3.8	100	0.00
51		Ethyl methacrylate	0.698	0.680	2.6	102	0.00
52		1,3-Dichloropropane	0.818	0.792	3.2	101	0.00
53	M	Dibromochloromethane	0.519	0.504	2.9	100	0.00
54	M	1,2-Dibromoethane	0.516	0.492	4.7	104	0.00
55	M	2-Chloroethyl vinyl ether	0.229	0.190	17.0	87	0.00
56	M	Bromoform	0.324	0.300	7.4	97	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.432	0.405	6.2	97	0.00
59	M	2-Hexanone	0.318	0.303	4.7	97	0.00
60	S	4-Bromofluorobenzene	0.526	0.538	-2.3	105	0.00
61	M	Tetrachloroethene	0.350	0.352	-0.6	102	0.00
62	M	Toluene	2.018	2.034	-0.8	104	0.00
63	S	Toluene-d8	1.057	1.067	-0.9	106	0.00
64	M	Chlorobenzene	1.233	1.219	1.1	102	0.00
65		1,1,1,2-Tetrachloroethane	0.440	0.455	-3.4	106	0.00
66	M	Ethyl Benzene	2.203	2.177	1.2	103	0.00
67	M	m/p-Xylenes	0.858	0.872	-1.6	104	0.00
68	M	o-Xylene	0.852	0.858	-0.7	104	0.00
69	M	Styrene	1.325	1.367	-3.2	106	0.00
70		Isopropylbenzene	2.163	2.217	-2.5	104	0.00
71	M	1,1,2,2-Tetrachloroethane	0.659	0.635	3.6	101	0.00
72		1,2,3-Trichloropropane	0.560	0.531	5.2	99	0.00
73		Bromobenzene	0.465	0.465	0.0	103	0.00
74		n-propylbenzene	2.407	2.462	-2.3	106	0.00
75		2-Chlorotoluene	1.485	1.508	-1.5	105	0.00
76		1,3,5-Trimethylbenzene	1.667	1.700	-2.0	103	0.00
77		t-1,4-Dichloro-2-butene	0.185	0.186	-0.5	100	0.00
78		4-Chlorotoluene	1.406	1.426	-1.4	104	0.00
79		tert-butylbenzene	1.542	1.571	-1.9	102	0.00
80		1,2,4-Trimethylbenzene	1.533	1.605	-4.7	103	0.00
81		sec-Butylbenzene	2.150	2.205	-2.6	103	0.00
82		p-Isopropyltoluene	1.685	1.718	-2.0	103	0.00
83	M	1,3-Dichlorobenzene	0.814	0.832	-2.2	105	0.00
84	M	1,4-Dichlorobenzene	0.804	0.806	-0.2	104	0.00
85		n-Butylbenzene	1.302	1.352	-3.8	107	0.00
86	T	Hexachloroethane	0.341	0.344	-0.9	104	0.00
87	M	1,2-Dichlorobenzene	0.828	0.824	0.5	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.122	0.117	4.1	102	0.00
89		1,2,4-Trichlorobenzene	0.217	0.215	0.9	113	0.00
90		Hexachlorobutadiene	0.177	0.173	2.3	104	0.00
91	M	Naphthalene	0.793	0.860	-8.4	129	0.00
92		1,2,3-Trichlorobenzene	0.203	0.219	-7.9	130	0.00

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