Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
Data File : VN078373.D
Acq On : 23 Jun 2023 12:45
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062323

Quant Time: Jun 24 01:05:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 24 00:59:50 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	76	0.00
2	M	Dichlorodifluoromethane	1.817	1.972	-8.5	78	0.00
3	M	Chloromethane	2.191	2.407	-9.9	80	0.00
4	M	Vinyl Chloride	2.695	2.942	-9.2	78	0.00
5	M	Bromomethane	2.191	2.086	4.8	69	0.01
6	M	Chloroethane	1.920	1.994	-3.9	81	0.00
7	M	Trichlorofluoromethane	3.172	3.497	-10.2	80	0.00
8	T	Diethyl Ether	1.059	1.108	-4.6	76	0.00
9		1,1,2-Trichlorotrifluoroeth	1.724	1.897	-10.0	82	0.00
10	M	1,1-Dichloroethene	1.691	1.807	-6.9	81	0.00
11		Methyl Iodide	2.396	2.614	-9.1	81	0.00
12		Methyl Acetate	2.623	2.918	-11.2	84	0.00
13	M	Acrolein	0.328	0.342	-4.3	80	0.00
14	M	Acrylonitrile	0.711	0.779	-9.6	81	0.00
15	M	Acetone	0.203	0.249	-22.7	83	0.00
16	M	Carbon Disulfide	4.621	4.814	-4.2	77	0.00
17		Allyl chloride	2.121	2.280	-7.5	81	0.00
18	M	Methylene Chloride	2.004	2.186	-9.1	83	0.00
19	M	trans-1,2-Dichloroethene	1.866	1.979	-6.1	81	0.00
20	T	Diisopropyl ether	5.095	5.480	-7.6	82	0.00
21	M	1,1-Dichloroethane	3.379	3.723	-10.2	83	0.00
22	M	cis-1,2-Dichloroethene	2.123	2.335	-10.0	82	0.00
23	M	tert-Butyl Alcohol	0.265	0.248	6.4	71	0.00
24	M	Methyl tert-Butyl Ether	5.332	5.773	-8.3	81	0.00
25	M	Chloroform	3.571	3.950	-10.6	84	0.00
26		Cyclohexane	2.418	2.635	-9.0	82	0.00
27	s	1,2-Dichloroethane-d4	2.259	2.245	0.6	79	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
29		1,1-Dichloropropene	0.465	0.505	-8.6	83	0.00
30	M	2-Butanone	0.163	0.183	-12.3	82	0.00
31		2,2-Dichloropropane	0.497	0.547	-10.1	82	0.00
32	M	1,1,1-Trichloroethane	0.567	0.613	-8.1	84	0.00
33	M	Carbon Tetrachloride	0.494	0.537	-8.7	85	0.00
34	M	Benzene	1.387	1.502	-8.3	82	0.00
35		Methacrylonitrile	0.187	0.207	-10.7	85	0.00
36	M	1,2-Dichloroethane	0.473	0.521	-10.1	85	0.00
37	M	Trichloroethene	0.354	0.390	-10.2	82	0.00
38		Methylcyclohexane	0.409	0.422	-3.2	76	0.00
39	M	1,2-Dichloropropane	0.347	0.387	-11.5	84	0.00
40		Dibromomethane	0.251	0.272	-8.4	84	0.00
41	M	Bromodichloromethane	0.487	0.534	-9.7	83	0.00
42	M	Vinyl Acetate	0.519	0.559	-7.7	80	0.00
43		Ethyl Acetate	0.343	0.376	-9.6	87	0.00
44		Isopropyl Acetate	0.620	0.645	-4.0	81	0.00
45	T	1,4-Dioxane	0.005	0.005	0.0	73	0.00
46		Methyl methacrylate	0.276	0.296	-7.2	77	0.00
47		n-amyl Acetate	0.456	0.483	-5.9	79	0.00
48	M	t-1,3-Dichloropropene	0.500	0.531	-6.2	79	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.551	0.584	-6.0	79	0.00
50	M	1,1,2-Trichloroethane	0.336	0.369	-9.8	82	0.00
51		Ethyl methacrylate	0.460	0.483	-5.0	79	0.00
52		1,3-Dichloropropane	0.564	0.633	-12.2	87	0.00
53	M	Dibromochloromethane	0.356	0.393	-10.4	82	0.00
54	M	1,2-Dibromoethane	0.339	0.378	-11.5	84	0.00
55	M	2-Chloroethyl vinyl ether	0.170	0.161	5.3	73	0.00
56	M	Bromoform	0.218	0.233	-6.9	81	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
58	M	4-Methyl-2-Pentanone	0.401	0.443	-10.5	82	0.00
59	M	2-Hexanone	0.277	0.307	-10.8	81	0.00
60	S	4-Bromofluorobenzene	0.423	0.426	-0.7	77	0.00
61	M	Tetrachloroethene	0.329	0.378	-14.9	88	0.00
62	M	Toluene	1.746	1.923	-10.1	82	0.00
63	S	Toluene-d8	1.454	1.451	0.2	77	0.00
64	M	Chlorobenzene	1.035	1.140	-10.1	82	0.00
65		1,1,1,2-Tetrachloroethane	0.399	0.435	-9.0	82	0.00
66	M	Ethyl Benzene	1.777	1.953	-9.9	81	0.00
67	M	m/p-Xylenes	0.672	0.749	-11.5	82	0.00
68	M	o-Xylene	0.651	0.730	-12.1	81	0.00
69	M	Styrene	1.031	1.134	-10.0	81	0.00
70		Isopropylbenzene	1.601	1.763	-10.1	82	0.00
71	M	1,1,2,2-Tetrachloroethane	0.521	0.575	-10.4	82	0.00
72		1,2,3-Trichloropropane	0.434	0.454	-4.6	81	0.00
73		Bromobenzene	0.383	0.414	-8.1	80	0.00
74		n-propylbenzene	1.741	1.889	-8.5	80	0.00
75		2-Chlorotoluene	1.178	1.267	-7.6	82	0.00
76		1,3,5-Trimethylbenzene	1.327	1.424	-7.3	82	0.00
77		t-1,4-Dichloro-2-butene	0.140	0.148	-5.7	76	0.00
78		4-Chlorotoluene	1.103	1.156	-4.8	81	0.00
79		tert-butylbenzene	1.092	1.188	-8.8	81	0.00
80		1,2,4-Trimethylbenzene	1.254	1.401	-11.7	82	0.00
81		sec-Butylbenzene	1.362	1.450	-6.5	77	0.00
82		p-Isopropyltoluene	1.096	1.178	-7.5	78	0.00
83	M	1,3-Dichlorobenzene	0.607	0.645	-6.3	79	0.00
84	M	1,4-Dichlorobenzene	0.586	0.620	-5.8	78	0.00
85		n-Butylbenzene	0.809	0.819	-1.2	69	0.00
86	T	Hexachloroethane	0.211	0.224	-6.2	80	0.00
87	M	1,2-Dichlorobenzene	0.601	0.648	-7.8	80	0.00
88		1,2-Dibromo-3-Chloropropane	0.078	0.081	-3.8	80	0.00
89		1,2,4-Trichlorobenzene	0.183	0.163	10.9	62	0.00
90		Hexachlorobutadiene	0.125	0.118	5.6	66	0.00
91	M	Naphthalene	0.601	0.512	14.8	62	0.00
92		1,2,3-Trichlorobenzene	0.212	0.204	3.8	69	0.00

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