Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
Data File : VN074874.D
Acq On : 12 Oct 2022 13:18
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101222

Quant Time: Oct 13 07:54:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 13 07:52:24 2022
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	101	0.00
2	M	Dichlorodifluoromethane	1.666	1.820	-9.2	107	0.00
3	M	Chloromethane	2.694	3.036	-12.7	107	0.00
4	M	Vinyl Chloride	3.967	4.105	-3.5	96	0.00
5	M	Bromomethane	3.146	3.213	-2.1	99	0.02
6	M	Chloroethane	2.975	3.015	-1.3	89	0.01
7	M	Trichlorofluoromethane	2.958	3.180	-7.5	103	0.00
8	T	Diethyl Ether	1.379	1.605	-16.4	109	0.00
9		1,1,2-Trichlorotrifluoroeth	1.861	2.178	-17.0	112	0.00
10	M	1,1-Dichloroethene	1.831	2.030	-10.9	112	0.00
11		Methyl Iodide	2.285	2.348	-2.8	101	0.00
12		Methyl Acetate	4.413	4.468	-1.2	101	0.00
13	M	Acrolein	0.624	0.594	4.8	97	-0.01
14	M	Acrylonitrile	1.646	1.693	-2.9	101	0.00
15	M	Acetone	0.451	0.451	0.0	98	0.00
16	M	Carbon Disulfide	4.704	5.222	-11.0	110	0.00
17		Allyl chloride	3.645	3.755	-3.0	93	0.00
18	M	Methylene Chloride	2.374	2.733	-15.1	111	0.00
19	M	trans-1,2-Dichloroethene	2.010	2.156	-7.3	109	0.00
20	T	Diisopropyl ether	8.509	9.102	-7.0	108	0.00
21	M	1,1-Dichloroethane	4.329	4.704	-8.7	106	0.00
22	M	cis-1,2-Dichloroethene	2.517	2.744	-9.0	109	0.00
23	M	tert-Butyl Alcohol	0.694	0.669	3.6	96	0.00
24	M	Methyl tert-Butyl Ether	7.646	8.325	-8.9	110	0.00
25	M	Chloroform	4.299	4.622	-7.5	112	0.00
26		Cyclohexane	3.803	4.166	-9.5	109	0.00
27	s	1,2-Dichloroethane-d4	2.809	2.969	-5.7	111	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29		1,1-Dichloropropene	0.541	0.562	-3.9	112	0.00
30	M	2-Butanone	0.432	0.410	5.1	99	-0.01
31		2,2-Dichloropropane	0.663	0.657	0.9	107	0.00
32	M	1,1,1-Trichloroethane	0.649	0.663	-2.2	108	0.00
33	M	Carbon Tetrachloride	0.533	0.540	-1.3	104	0.00
34	M	Benzene	1.789	1.866	-4.3	109	0.00
35		Methacrylonitrile	0.444	0.390	12.2	91	0.00
36	M	1,2-Dichloroethane	0.596	0.603	-1.2	107	0.00
37	M	Trichloroethene	0.372	0.376	-1.1	108	0.00
38		Methylcyclohexane	0.658	0.704	-7.0	118	0.00
39	M	1,2-Dichloropropane	0.464	0.479	-3.2	105	0.00
40		Dibromomethane	0.307	0.309	-0.7	107	0.00
41	M	Bromodichloromethane	0.599	0.593	1.0	105	0.00
42	M	Vinyl Acetate	1.287	1.234	4.1	97	0.00
43		Ethyl Acetate	0.840	0.762	9.3	98	-0.01
44		Isopropyl Acetate	1.299	1.338	-3.0	109	0.00
45	T	1,4-Dioxane	0.012	0.011	8.3	99	0.00
46		Methyl methacrylate	0.562	0.550	2.1	103	0.00
47		n-amyl Acetate	1.136	1.120	1.4	109	0.00
48	M	t-1,3-Dichloropropene	0.687	0.710	-3.3	113	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.728	0.738	-1.4	113	0.00
50	M	1,1,2-Trichloroethane	0.452	0.452	0.0	105	0.00
51		Ethyl methacrylate	0.769	0.765	0.5	112	0.00
52		1,3-Dichloropropane	0.781	0.771	1.3	101	0.00
53	M	Dibromochloromethane	0.443	0.438	1.1	106	0.00
54	M	1,2-Dibromoethane	0.435	0.441	-1.4	113	0.00
55	M	2-Chloroethyl vinyl ether	0.301	0.278	7.6	105	0.00
56	M	Bromoform	0.319	0.302	5.3	114	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	0.933	0.891	4.5	102	0.00
59	M	2-Hexanone	0.718	0.670	6.7	99	0.00
60	S	4-Bromofluorobenzene	0.532	0.495	7.0	110	0.00
61	M	Tetrachloroethene	0.320	0.315	1.6	107	0.00
62	M	Toluene	2.073	2.086	-0.6	107	0.00
63	S	Toluene-d8	1.731	1.760	-1.7	111	0.00
64	M	Chlorobenzene	1.178	1.205	-2.3	109	0.00
65		1,1,1,2-Tetrachloroethane	0.444	0.443	0.2	109	0.00
66	M	Ethyl Benzene	2.254	2.215	1.7	108	0.00
67	M	m/p-Xylenes	0.847	0.865	-2.1	112	0.00
68	M	o-Xylene	0.861	0.859	0.2	111	0.00
69	M	Styrene	1.409	1.330	5.6	109	0.00
70		Isopropylbenzene	2.220	2.178	1.9	110	0.00
71	M	1,1,2,2-Tetrachloroethane	0.830	0.777	6.4	102	0.00
72		1,2,3-Trichloropropane	0.698	0.587	15.9	89	0.00
73		Bromobenzene	0.465	0.457	1.7	108	0.00
74		n-propylbenzene	2.588	2.554	1.3	113	0.00
75		2-Chlorotoluene	1.514	1.505	0.6	112	0.00
76		1,3,5-Trimethylbenzene	1.804	1.764	2.2	112	0.00
77		t-1,4-Dichloro-2-butene	0.290	0.255	12.1	103	0.00
78		4-Chlorotoluene	1.445	1.428	1.2	116	0.00
79		tert-butylbenzene	1.605	1.537	4.2	111	0.00
80		1,2,4-Trimethylbenzene	1.815	1.772	2.4	114	0.00
81		sec-Butylbenzene	2.306	2.282	1.0	114	0.00
82		p-Isopropyltoluene	1.832	1.767	3.5	113	0.00
83	M	1,3-Dichlorobenzene	0.908	0.852	6.2	110	0.00
84	M	1,4-Dichlorobenzene	0.872	0.883	-1.3	118	0.00
85		n-Butylbenzene	1.617	1.564	3.3	116	0.00
86	T	Hexachloroethane	0.359	0.350	2.5	108	0.01
87	M	1,2-Dichlorobenzene	0.901	0.872	3.2	109	0.00
88		1,2-Dibromo-3-Chloropropane	0.168	0.159	5.4	109	0.00
89		1,2,4-Trichlorobenzene	0.412	0.388	5.8	114	0.00
90		Hexachlorobutadiene	0.201	0.203	-1.0	119	0.00
91	M	Naphthalene	1.633	1.585	2.9	120	0.00
92		1,2,3-Trichlorobenzene	0.431	0.398	7.7	107	0.00

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