Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
Data File : VN079577.D
Acq On : 17 Oct 2023 12:49
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101723

Quant Time: Oct 18 02:21:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 18 02:19:15 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	104	-0.01
2	M	Dichlorodifluoromethane	4.351	4.308	1.0	99	0.00
3	M	Chloromethane	5.639	5.495	2.6	98	0.00
4	M	Vinyl Chloride	6.086	6.088	-0.0	102	0.00
5	M	Bromomethane	3.773	3.636	3.6	99	0.00
6	M	Chloroethane	4.283	4.242	1.0	101	0.00
7	M	Trichlorofluoromethane	7.426	7.342	1.1	100	0.00
8	T	Diethyl Ether	2.691	2.664	1.0	100	0.00
9		1,1,2-Trichlorotrifluoroeth	4.249	4.269	-0.5	103	-0.01
10	M	1,1-Dichloroethene	4.042	3.967	1.9	99	0.00
11		Methyl Iodide	4.475	4.351	2.8	101	0.00
12		Methyl Acetate	9.745	9.523	2.3	100	0.00
13	M	Acrolein	0.806	0.757	6.1	96	0.00
14	M	Acrylonitrile	2.334	2.318	0.7	101	0.00
15	M	Acetone	0.739	0.743	-0.5	100	0.00
16	M	Carbon Disulfide	12.326	11.993	2.7	100	0.00
17		Allyl chloride	6.232	6.299	-1.1	98	0.00
18	M	Methylene Chloride	4.975	4.971	0.1	101	0.00
19	M	trans-1,2-Dichloroethene	4.522	4.515	0.2	103	0.00
20	T	Diisopropyl ether	14.778	15.092	-2.1	100	0.00
21	M	1,1-Dichloroethane	8.980	8.955	0.3	100	0.00
22	M	cis-1,2-Dichloroethene	5.209	5.247	-0.7	102	0.00
23	M	tert-Butyl Alcohol	0.780	0.702	10.0	92	0.00
24	M	Methyl tert-Butyl Ether	13.563	13.495	0.5	100	0.00
25	M	Chloroform	9.074	9.202	-1.4	102	0.00
26		Cyclohexane	6.788	6.962	-2.6	102	0.00
27	s	1,2-Dichloroethane-d4	4.265	4.304	-0.9	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.877	0.854	2.6	102	0.00
30	M	2-Butanone	0.439	0.409	6.8	96	0.00
31		2,2-Dichloropropane	0.988	0.938	5.1	100	0.00
32	M	1,1,1-Trichloroethane	1.042	0.994	4.6	100	0.00
33	M	Carbon Tetrachloride	0.886	0.847	4.4	99	0.00
34	M	Benzene	2.664	2.536	4.8	100	0.00
35		Methacrylonitrile	0.462	0.432	6.5	96	0.00
36	M	1,2-Dichloroethane	0.951	0.905	4.8	99	0.00
37	M	Trichloroethene	0.623	0.598	4.0	104	0.00
38		Methylcyclohexane	0.844	0.801	5.1	100	0.00
39	M	1,2-Dichloropropane	0.703	0.670	4.7	100	0.00
40		Dibromomethane	0.461	0.452	2.0	104	0.00
41	M	Bromodichloromethane	0.956	0.917	4.1	101	0.00
42	M	Vinyl Acetate	1.115	1.079	3.2	100	0.00
43		Ethyl Acetate	0.826	0.842	-1.9	108	0.00
44		Isopropyl Acetate	1.469	1.338	8.9	99	0.00
45	T	1,4-Dioxane	0.011	0.011	0.0	94	0.00
46		Methyl methacrylate	0.652	0.628	3.7	99	0.00
47		n-amyl Acetate	1.060	0.992	6.4	95	0.00
48	M	t-1,3-Dichloropropene	0.966	0.921	4.7	99	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	1.057	1.010	4.4	100	0.00
50	M	1,1,2-Trichloroethane	0.640	0.620	3.1	102	0.00
51		Ethyl methacrylate	0.883	0.847	4.1	98	0.00
52		1,3-Dichloropropane	1.134	1.062	6.3	99	0.00
53	M	Dibromochloromethane	0.654	0.628	4.0	99	0.00
54	M	1,2-Dibromoethane	0.631	0.603	4.4	101	0.00
55	M	2-Chloroethyl vinyl ether	0.337	0.290	13.9	94	0.00
56	M	Bromoform	0.433	0.401	7.4	96	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.700	0.696	0.6	98	0.00
59	M	2-Hexanone	0.513	0.503	1.9	97	0.00
60	S	4-Bromofluorobenzene	0.549	0.564	-2.7	102	0.00
61	M	Tetrachloroethene	0.412	0.413	-0.2	100	0.00
62	M	Toluene	2.293	2.273	0.9	101	0.00
63	S	Toluene-d8	1.286	1.289	-0.2	100	0.00
64	M	Chlorobenzene	1.330	1.315	1.1	102	0.00
65		1,1,1,2-Tetrachloroethane	0.507	0.494	2.6	99	0.00
66	M	Ethyl Benzene	2.362	2.360	0.1	101	0.00
67	M	m/p-Xylenes	0.874	0.891	-1.9	102	0.00
68	M	o-Xylene	0.835	0.866	-3.7	105	0.00
69	M	Styrene	1.326	1.375	-3.7	102	0.00
70		Isopropylbenzene	2.144	2.156	-0.6	101	0.00
71	M	1,1,2,2-Tetrachloroethane	0.762	0.737	3.3	98	0.00
72		1,2,3-Trichloropropane	0.692	0.657	5.1	97	0.00
73		Bromobenzene	0.504	0.500	0.8	99	0.00
74		n-propylbenzene	2.496	2.543	-1.9	102	0.00
75		2-Chlorotoluene	1.551	1.587	-2.3	103	0.00
76		1,3,5-Trimethylbenzene	1.752	1.811	-3.4	103	0.00
77		t-1,4-Dichloro-2-butene	0.211	0.208	1.4	97	0.00
78		4-Chlorotoluene	1.466	1.482	-1.1	100	0.00
79		tert-butylbenzene	1.409	1.416	-0.5	102	0.00
80		1,2,4-Trimethylbenzene	1.698	1.737	-2.3	102	0.00
81		sec-Butylbenzene	1.978	1.995	-0.9	102	0.00
82		p-Isopropyltoluene	1.569	1.603	-2.2	102	0.00
83	M	1,3-Dichlorobenzene	0.828	0.858	-3.6	103	0.00
84	M	1,4-Dichlorobenzene	0.794	0.799	-0.6	102	0.00
85		n-Butylbenzene	1.226	1.226	0.0	100	0.00
86	T	Hexachloroethane	0.339	0.322	5.0	99	0.00
87	M	1,2-Dichlorobenzene	0.823	0.826	-0.4	97	0.00
88		1,2-Dibromo-3-Chloropropane	0.116	0.109	6.0	90	0.00
89		1,2,4-Trichlorobenzene	0.290	0.258	11.0	87	0.00
90		Hexachlorobutadiene	0.205	0.191	6.8	93	0.00
91	M	Naphthalene	0.748	0.566	24.3	76	0.00
92		1,2,3-Trichlorobenzene	0.290	0.258	11.0	87	0.00

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