Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
Data File : VN079993.D
Acq On : 08 Nov 2023 15:28
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823

Quant Time: Nov 09 04:08:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 09 04:02:05 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	101	-0.01
2	M	Dichlorodifluoromethane	1.956	2.029	-3.7	100	0.00
3	M	Chloromethane	2.464	2.547	-3.4	102	0.00
4	M	Vinyl Chloride	2.059	2.565	-24.6	128	0.00
5	M	Bromomethane	1.127	1.172	-4.0	108	0.00
6	M	Chloroethane	1.196	1.264	-5.7	117	0.00
7	M	Trichlorofluoromethane	3.090	3.276	-6.0	111	0.00
8	T	Diethyl Ether	1.109	1.114	-0.5	101	0.00
9		1,1,2-Trichlorotrifluoroeth	1.746	1.846	-5.7	110	-0.01
10	M	1,1-Dichloroethene	1.545	1.732	-12.1	106	0.00
11		Methyl Iodide	2.043	1.999	2.2	96	0.00
12		Methyl Acetate	4.005	4.005	0.0	99	0.00
13	M	Acrolein	0.338	0.269	20.4	89	0.00
14	M	Acrylonitrile	0.951	0.966	-1.6	101	0.00
15	M	Acetone	0.321	0.286	10.9	87	0.00
16	M	Carbon Disulfide	5.274	5.075	3.8	90	0.00
17		Allyl chloride	2.699	2.629	2.6	99	0.00
18	M	Methylene Chloride	2.071	2.099	-1.4	104	0.00
19	M	trans-1,2-Dichloroethene	1.915	1.930	-0.8	100	0.00
20	T	Diisopropyl ether	6.307	6.545	-3.8	101	0.00
21	M	1,1-Dichloroethane	3.765	3.854	-2.4	100	0.00
22	M	cis-1,2-Dichloroethene	2.222	2.258	-1.6	101	0.00
23	M	tert-Butyl Alcohol	0.257	0.250	2.7	95	0.00
24	M	Methyl tert-Butyl Ether	5.687	5.825	-2.4	100	0.00
25	M	Chloroform	3.886	3.978	-2.4	101	0.00
26		Cyclohexane	2.962	3.026	-2.2	102	0.00
27	s	1,2-Dichloroethane-d4	2.518	2.525	-0.3	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.515	0.526	-2.1	101	0.00
30	M	2-Butanone	0.246	0.233	5.3	95	0.00
31		2,2-Dichloropropane	0.556	0.575	-3.4	103	0.00
32	M	1,1,1-Trichloroethane	0.588	0.615	-4.6	105	0.00
33	M	Carbon Tetrachloride	0.517	0.535	-3.5	104	0.00
34	M	Benzene	1.530	1.595	-4.2	104	0.00
35		Methacrylonitrile	0.258	0.250	3.1	98	0.00
36	M	1,2-Dichloroethane	0.554	0.563	-1.6	102	0.00
37	M	Trichloroethene	0.368	0.371	-0.8	101	0.00
38		Methylcyclohexane	0.483	0.474	1.9	99	0.00
39	M	1,2-Dichloropropane	0.405	0.406	-0.2	100	0.00
40		Dibromomethane	0.262	0.267	-1.9	103	0.00
41	M	Bromodichloromethane	0.542	0.559	-3.1	105	0.00
42	M	Vinyl Acetate	0.611	0.610	0.2	100	0.00
43		Ethyl Acetate	0.462	0.477	-3.2	96	0.00
44		Isopropyl Acetate	0.753	0.760	-0.9	102	0.00
45	T	1,4-Dioxane	0.006	0.006	0.0	102	0.00
46		Methyl methacrylate	0.362	0.367	-1.4	100	0.00
47		n-amyl Acetate	0.605	0.605	0.0	100	0.00
48	M	t-1,3-Dichloropropene	0.554	0.562	-1.4	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.612	0.625	-2.1	101	0.00
50	M	1,1,2-Trichloroethane	0.357	0.368	-3.1	103	0.00
51		Ethyl methacrylate	0.513	0.508	1.0	99	0.00
52		1,3-Dichloropropane	0.638	0.661	-3.6	102	0.00
53	M	Dibromochloromethane	0.382	0.380	0.5	99	0.00
54	M	1,2-Dibromoethane	0.358	0.363	-1.4	102	0.00
55	M	2-Chloroethyl vinyl ether	0.236	0.205	13.1	85	0.00
56	M	Bromoform	0.250	0.259	-3.6	104	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.501	0.514	-2.6	101	0.00
59	M	2-Hexanone	0.382	0.375	1.8	95	0.00
60	S	4-Bromofluorobenzene	0.480	0.484	-0.8	103	0.00
61	M	Tetrachloroethene	0.352	0.366	-4.0	105	0.00
62	M	Toluene	1.735	1.783	-2.8	103	0.00
63	S	Toluene-d8	1.421	1.422	-0.1	100	0.00
64	M	Chlorobenzene	1.035	1.057	-2.1	102	0.00
65		1,1,1,2-Tetrachloroethane	0.380	0.394	-3.7	103	0.00
66	M	Ethyl Benzene	1.823	1.896	-4.0	104	0.00
67	M	m/p-Xylenes	0.679	0.720	-6.0	103	0.00
68	M	o-Xylene	0.651	0.679	-4.3	104	0.00
69	M	Styrene	1.077	1.126	-4.5	103	0.00
70		Isopropylbenzene	1.623	1.667	-2.7	103	0.00
71	M	1,1,2,2-Tetrachloroethane	0.553	0.561	-1.4	101	0.00
72		1,2,3-Trichloropropane	0.514	0.521	-1.4	105	0.00
73		Bromobenzene	0.399	0.410	-2.8	105	0.00
74		n-propylbenzene	1.942	2.016	-3.8	104	0.00
75		2-Chlorotoluene	1.234	1.269	-2.8	104	0.00
76		1,3,5-Trimethylbenzene	1.342	1.397	-4.1	103	0.00
77		t-1,4-Dichloro-2-butene	0.168	0.170	-1.2	105	0.00
78		4-Chlorotoluene	1.226	1.246	-1.6	103	0.00
79		tert-butylbenzene	1.051	1.129	-7.4	108	0.00
80		1,2,4-Trimethylbenzene	1.316	1.404	-6.7	106	0.00
81		sec-Butylbenzene	1.484	1.501	-1.1	102	0.00
82		p-Isopropyltoluene	1.205	1.240	-2.9	103	0.00
83	M	1,3-Dichlorobenzene	0.727	0.747	-2.8	102	0.00
84	M	1,4-Dichlorobenzene	0.714	0.720	-0.8	103	0.00
85		n-Butylbenzene	1.008	0.984	2.4	100	0.00
86	T	Hexachloroethane	0.234	0.230	1.7	101	0.00
87	M	1,2-Dichlorobenzene	0.695	0.718	-3.3	104	0.00
88		1,2-Dibromo-3-Chloropropane	0.101	0.100	1.0	98	0.00
89		1,2,4-Trichlorobenzene	0.322	0.306	5.0	94	0.00
90		Hexachlorobutadiene	0.159	0.148	6.9	94	0.00
91	M	Naphthalene	1.033	0.918	11.1	88	0.00
92		1,2,3-Trichlorobenzene	0.322	0.306	5.0	94	0.00

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