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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	104	-0.01
2	M	Dichlorodifluoromethane	20.000	19.806	1.0	99	0.00
3	M	Chloromethane	20.000	19.489	2.6	98	0.00
4	M	Vinyl Chloride	20.000	20.007	-0.0	102	0.00
5	M	Bromomethane	20.000	19.272	3.6	99	0.00
6	M	Chloroethane	20.000	19.806	1.0	101	0.00
7	M	Trichlorofluoromethane	20.000	19.773	1.1	100	0.00
8	T	Diethyl Ether	20.000	19.799	1.0	100	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.095	-0.5	103	-0.01
10	M	1,1-Dichloroethene	20.000	19.629	1.9	99	0.00
11		Methyl Iodide	20.000	19.443	2.8	101	0.00
12		Methyl Acetate	20.000	19.544	2.3	100	0.00
13	M	Acrolein	100.000	93.968	6.0	96	0.00
14	M	Acrylonitrile	100.000	99.310	0.7	101	0.00
15	M	Acetone	100.000	100.442	-0.4	100	0.00
16	M	Carbon Disulfide	20.000	19.460	2.7	100	0.00
17		Allyl chloride	20.000	20.215	-1.1	98	0.00
18	M	Methylene Chloride	20.000	19.982	0.1	101	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.966	0.2	103	0.00
20	T	Diisopropyl ether	20.000	20.426	-2.1	100	0.00
21	M	1,1-Dichloroethane	20.000	19.945	0.3	100	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.147	-0.7	102	0.00
23	M	tert-Butyl Alcohol	100.000	89.962	10.0	92	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.900	0.5	100	0.00
25	M	Chloroform	20.000	20.283	-1.4	102	0.00
26		Cyclohexane	20.000	20.512	-2.6	102	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.275	-0.9	101	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29		1,1-Dichloropropene	20.000	19.489	2.6	102	0.00
30	M	2-Butanone	100.000	93.182	6.8	96	0.00
31		2,2-Dichloropropane	20.000	18.969	5.2	100	0.00
32	M	1,1,1-Trichloroethane	20.000	19.071	4.6	100	0.00
33	M	Carbon Tetrachloride	20.000	19.111	4.4	99	0.00
34	M	Benzene	20.000	19.041	4.8	100	0.00
35		Methacrylonitrile	20.000	18.696	6.5	96	0.00
36	M	1,2-Dichloroethane	20.000	19.027	4.9	99	0.00
37	M	Trichloroethene	20.000	19.206	4.0	104	0.00
38		Methylcyclohexane	20.000	18.977	5.1	100	0.00
39	M	1,2-Dichloropropane	20.000	19.067	4.7	100	0.00
40		Dibromomethane	20.000	19.575	2.1	104	0.00
41	M	Bromodichloromethane	20.000	19.177	4.1	101	0.00
42	M	Vinyl Acetate	100.000	96.769	3.2	100	0.00
43		Ethyl Acetate	20.000	20.373	-1.9	108	0.00
44		Isopropyl Acetate	20.000	18.222	8.9	99	0.00
45	T	1,4-Dioxane	400.000	371.469	7.1	94	0.00
46		Methyl methacrylate	20.000	19.265	3.7	99	0.00
47		n-amyl Acetate	20.000	18.713	6.4	95	0.00
48	M	t-1,3-Dichloropropene	20.000	19.068	4.7	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	19.118	4.4	100	0.00
50	M	1,1,2-Trichloroethane	20.000	19.385	3.1	102	0.00
51		Ethyl methacrylate	20.000	19.176	4.1	98	0.00
52		1,3-Dichloropropane	20.000	18.737	6.3	99	0.00
53	M	Dibromochloromethane	20.000	19.213	3.9	99	0.00
54	M	1,2-Dibromoethane	20.000	19.092	4.5	101	0.00
55	M	2-Chloroethyl vinyl ether	100.000	86.156	13.8	94	0.00
56	M	Bromoform	20.000	18.514	7.4	96	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	100.000	99.463	0.5	98	0.00
59	M	2-Hexanone	100.000	97.963	2.0	97	0.00
60	S	4-Bromofluorobenzene	30.000	30.842	-2.8	102	0.00
61	M	Tetrachloroethene	20.000	20.033	-0.2	100	0.00
62	M	Toluene	20.000	19.832	0.8	101	0.00
63	S	Toluene-d8	30.000	30.092	-0.3	100	0.00
64	M	Chlorobenzene	20.000	19.781	1.1	102	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.493	2.5	99	0.00
66	M	Ethyl Benzene	20.000	19.979	0.1	101	0.00
67	M	m/p-Xylenes	40.000	40.808	-2.0	102	0.00
68	M	o-Xylene	20.000	20.739	-3.7	105	0.00
69	M	Styrene	20.000	20.740	-3.7	102	0.00
70		Isopropylbenzene	20.000	20.114	-0.6	101	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.336	3.3	98	0.00
72		1,2,3-Trichloropropane	20.000	18.981	5.1	97	0.00
73		Bromobenzene	20.000	19.848	0.8	99	0.00
74		n-propylbenzene	20.000	20.377	-1.9	102	0.00
75		2-Chlorotoluene	20.000	20.460	-2.3	103	0.00
76		1,3,5-Trimethylbenzene	20.000	20.667	-3.3	103	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.675	1.6	97	0.00
78		4-Chlorotoluene	20.000	20.226	-1.1	100	0.00
79		tert-butylbenzene	20.000	20.099	-0.5	102	0.00
80		1,2,4-Trimethylbenzene	20.000	20.465	-2.3	102	0.00
81		sec-Butylbenzene	20.000	20.170	-0.9	102	0.00
82		p-Isopropyltoluene	20.000	20.434	-2.2	102	0.00
83	M	1,3-Dichlorobenzene	20.000	20.734	-3.7	103	0.00
84	M	1,4-Dichlorobenzene	20.000	20.124	-0.6	102	0.00
85		n-Butylbenzene	20.000	20.007	-0.0	100	0.00
86	T	Hexachloroethane	20.000	19.014	4.9	99	0.00
87	M	1,2-Dichlorobenzene	20.000	20.072	-0.4	97	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.829	5.9	90	0.00
89		1,2,4-Trichlorobenzene	20.000	17.760	11.2	87	0.00
90		Hexachlorobutadiene	20.000	18.637	6.8	93	0.00
91	M	Naphthalene	20.000	15.114	24.4	76	0.00
92		1,2,3-Trichlorobenzene	20.000	17.760	11.2	87	0.00

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