Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
Data File : VN077184.D
Acq On : 24 Mar 2023 17:51
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Mar 24 23:33:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 24 05:55:38 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	102	0.00
2	M	Dichlorodifluoromethane	20.000	24.662	-23.3	132	0.00
3	M	Chloromethane	20.000	24.401	-22.0	105	0.00
4	M	Vinyl Chloride	20.000	21.926	-9.6	119	0.00
5	M	Bromomethane	20.000	26.811	-34.1#	143	0.00
6	M	Chloroethane	20.000	24.128	-20.6	127	0.00
7	M	Trichlorofluoromethane	20.000	20.514	-2.6	109	0.00
8	T	Diethyl Ether	20.000	19.778	1.1	110	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.702	1.5	105	0.00
10	M	1,1-Dichloroethene	20.000	19.222	3.9	101	0.00
11		Methyl Iodide	20.000	19.539	2.3	114	0.00
12		Methyl Acetate	20.000	20.009	-0.0	105	0.00
13	M	Acrolein	100.000	93.450	6.5	97	0.00
14	M	Acrylonitrile	100.000	98.027	2.0	103	0.00
15	M	Acetone	100.000	100.779	-0.8	106	0.00
16	M	Carbon Disulfide	20.000	18.778	6.1	103	0.00
17		Allyl chloride	20.000	19.104	4.5	107	0.00
18	M	Methylene Chloride	20.000	20.110	-0.5	105	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.850	0.7	108	0.00
20	T	Diisopropyl ether	20.000	20.626	-3.1	108	0.00
21	M	1,1-Dichloroethane	20.000	20.313	-1.6	109	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.219	3.9	101	0.00
23	M	tert-Butyl Alcohol	100.000	90.519	9.5	99	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.794	1.0	107	0.00
25	M	Chloroform	20.000	20.054	-0.3	105	0.00
26		Cyclohexane	20.000	18.508	7.5	99	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.171	2.8	97	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29		1,1-Dichloropropene	20.000	19.174	4.1	100	0.00
30	M	2-Butanone	100.000	100.742	-0.7	103	0.00
31		2,2-Dichloropropane	20.000	22.454	-12.3	119	0.00
32	M	1,1,1-Trichloroethane	20.000	19.722	1.4	103	0.00
33	M	Carbon Tetrachloride	20.000	19.889	0.6	103	0.00
34	M	Benzene	20.000	20.795	-4.0	108	0.00
35		Methacrylonitrile	20.000	18.940	5.3	98	0.00
36	M	1,2-Dichloroethane	20.000	20.281	-1.4	103	0.00
37	M	Trichloroethene	20.000	19.539	2.3	102	0.00
38		Methylcyclohexane	20.000	18.826	5.9	103	0.00
39	M	1,2-Dichloropropane	20.000	20.301	-1.5	104	0.00
40		Dibromomethane	20.000	20.763	-3.8	107	0.00
41	M	Bromodichloromethane	20.000	20.012	-0.1	104	0.00
42	M	Vinyl Acetate	100.000	99.864	0.1	106	0.00
43		Ethyl Acetate	20.000	20.059	-0.3	103	0.00
44		Isopropyl Acetate	20.000	19.963	0.2	103	0.00
45	T	1,4-Dioxane	400.000	383.654	4.1	93	0.00
46		Methyl methacrylate	20.000	21.270	-6.3	106	0.00
47		n-amyl Acetate	20.000	18.532	7.3	104	0.00
48	M	t-1,3-Dichloropropene	20.000	19.526	2.4	108	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	20.054	-0.3	108	0.00
50	M	1,1,2-Trichloroethane	20.000	19.960	0.2	103	0.00
51		Ethyl methacrylate	20.000	18.935	5.3	104	0.00
52		1,3-Dichloropropane	20.000	20.751	-3.8	110	0.00
53	M	Dibromochloromethane	20.000	20.269	-1.3	109	0.00
54	M	1,2-Dibromoethane	20.000	20.480	-2.4	108	0.00
55	M	2-Chloroethyl vinyl ether	100.000	90.671	9.3	98	0.00
56	M	Bromoform	20.000	18.874	5.6	108	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58	M	4-Methyl-2-Pentanone	100.000	106.942	-6.9	106	0.00
59	M	2-Hexanone	100.000	104.273	-4.3	103	0.00
60	S	4-Bromofluorobenzene	30.000	29.883	0.4	98	0.00
61	M	Tetrachloroethene	20.000	20.862	-4.3	106	0.00
62	M	Toluene	20.000	20.520	-2.6	103	0.00
63	S	Toluene-d8	30.000	30.940	-3.1	97	0.00
64	M	Chlorobenzene	20.000	20.662	-3.3	106	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.864	-4.3	105	0.00
66	M	Ethyl Benzene	20.000	20.445	-2.2	105	0.00
67	M	m/p-Xylenes	40.000	40.287	-0.7	103	0.00
68	M	o-Xylene	20.000	20.310	-1.5	105	0.00
69	M	Styrene	20.000	19.715	1.4	104	0.00
70		Isopropylbenzene	20.000	19.846	0.8	103	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.452	-7.3	106	0.00
72		1,2,3-Trichloropropane	20.000	21.303	-6.5	102	0.00
73		Bromobenzene	20.000	20.921	-4.6	108	0.00
74		n-propylbenzene	20.000	19.731	1.3	104	0.00
75		2-Chlorotoluene	20.000	20.091	-0.5	103	0.00
76		1,3,5-Trimethylbenzene	20.000	20.316	-1.6	103	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.524	-2.6	111	0.00
78		4-Chlorotoluene	20.000	19.392	3.0	101	0.00
79		tert-butylbenzene	20.000	19.548	2.3	102	0.00
80		1,2,4-Trimethylbenzene	20.000	20.176	-0.9	104	0.00
81		sec-Butylbenzene	20.000	19.215	3.9	102	0.00
82		p-Isopropyltoluene	20.000	19.453	2.7	104	0.00
83	M	1,3-Dichlorobenzene	20.000	20.498	-2.5	106	0.00
84	M	1,4-Dichlorobenzene	20.000	19.696	1.5	105	0.00
85		n-Butylbenzene	20.000	18.384	8.1	104	0.00
86	T	Hexachloroethane	20.000	19.048	4.8	102	0.00
87	M	1,2-Dichlorobenzene	20.000	20.672	-3.4	108	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.479	2.6	102	0.00
89		1,2,4-Trichlorobenzene	20.000	18.569	7.2	109	0.00
90		Hexachlorobutadiene	20.000	19.410	2.9	104	0.00
91	M	Naphthalene	20.000	16.529	17.4	97	0.00
92		1,2,3-Trichlorobenzene	20.000	16.881	15.6	94	0.00

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