Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
Data File : VN068697.D
Acq On : 26 Sep 2021 5:44
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Sep 27 07:25:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Sep 27 07:10:18 2021
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	97	0.00
2	M	Dichlorodifluoromethane	20.000	21.676	-8.4	98	0.00
3	M	Chloromethane	20.000	20.496	-2.5	95	0.00
4	M	Vinyl Chloride	20.000	20.828	-4.1	91	0.00
5	M	Bromomethane	20.000	21.476	-7.4	94	0.00
6	M	Chloroethane	20.000	22.960	-14.8	101	0.00
7	M	Trichlorofluoromethane	20.000	20.682	-3.4	95	0.00
8	T	Diethyl Ether	20.000	20.650	-3.2	99	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.425	-2.1	94	0.00
10	M	1,1-Dichloroethene	20.000	20.629	-3.1	97	0.00
11		Methyl Iodide	20.000	19.244	3.8	93	0.00
12		Methyl Acetate	20.000	19.316	3.4	92	0.00
13	M	Acrolein	100.000	90.454	9.5	98	0.00
14	M	Acrylonitrile	100.000	98.143	1.9	93	0.00
15	M	Acetone	100.000	101.393	-1.4	94	0.00
16	M	Carbon Disulfide	20.000	19.685	1.6	94	0.00
17		Allyl chloride	20.000	19.410	2.9	95	0.00
18	M	Methylene Chloride	20.000	20.481	-2.4	98	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.282	-1.4	95	0.00
20	T	Diisopropyl ether	20.000	19.842	0.8	96	0.00
21	M	1,1-Dichloroethane	20.000	20.094	-0.5	94	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.968	0.2	95	0.00
23	M	tert-Butyl Alcohol	100.000	99.270	0.7	96	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.193	-1.0	97	0.00
25	M	Chloroform	20.000	20.379	-1.9	99	0.00
26		Cyclohexane	20.000	18.732	6.3	98	0.00
27	s	1,2-Dichloroethane-d4	30.000	31.338	-4.5	102	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	125	0.00
29		1,1-Dichloropropene	20.000	15.089	24.6	99	0.00
30	M	2-Butanone	100.000	74.545	25.5	94	0.00
31		2,2-Dichloropropane	20.000	12.831	35.8#	81	0.00
32	M	1,1,1-Trichloroethane	20.000	15.616	21.9	106	0.00
33	M	Carbon Tetrachloride	20.000	15.433	22.8	102	0.00
34	M	Benzene	20.000	15.140	24.3	97	0.00
35		Methacrylonitrile	20.000	16.105	19.5	103	0.00
36	M	1,2-Dichloroethane	20.000	15.517	22.4	105	0.00
37	M	Trichloroethene	20.000	17.609	12.0	111	0.00
38		Methylcyclohexane	20.000	16.218	18.9	106	0.00
39	M	1,2-Dichloropropane	20.000	16.579	17.1	107	0.00
40		Dibromomethane	20.000	14.973	25.1	101	0.00
41	M	Bromodichloromethane	20.000	14.514	27.4	99	0.00
42	M	Vinyl Acetate	100.000	74.787	25.2	94	0.00
43		Ethyl Acetate	20.000	13.727	31.4#	92	0.00
44		Isopropyl Acetate	20.000	14.142	29.3	96	0.00
45	T	1,4-Dioxane	400.000	309.524	22.6	100	0.00
46		Methyl methacrylate	20.000	14.081	29.6	107	0.00
47		n-amyl Acetate	20.000	13.362	33.2#	118	0.00
48	M	t-1,3-Dichloropropene	20.000	12.366	38.2#	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	12.438	37.8#	95	0.00
50	M	1,1,2-Trichloroethane	20.000	12.095	39.5#	95	0.00
51		Ethyl methacrylate	20.000	11.834	40.8#	104	0.00
52		1,3-Dichloropropane	20.000	12.362	38.2#	100	0.00
53	M	Dibromochloromethane	20.000	12.702	36.5#	103	0.00
54	M	1,2-Dibromoethane	20.000	15.722	21.4	127	0.00
55	M	2-Chloroethyl vinyl ether	100.000	85.769	14.2	156	0.00
56	M	Bromoform	20.000	12.818	35.9#	101	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58	M	4-Methyl-2-Pentanone	100.000	105.671	-5.7	101	0.00
59	M	2-Hexanone	100.000	96.558	3.4	101	0.00
60	S	4-Bromofluorobenzene	30.000	45.477	-51.6#	152	0.00
61	M	Tetrachloroethene	20.000	24.688	-23.4	118	0.00
62	M	Toluene	20.000	21.240	-6.2	99	0.00
63	S	Toluene-d8	30.000	33.136	-10.5	102	0.00
64	M	Chlorobenzene	20.000	20.062	-0.3	101	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.801	-4.0	103	0.00
66	M	Ethyl Benzene	20.000	20.425	-2.1	104	0.00
67	M	m/p-Xylenes	40.000	40.749	-1.9	102	0.00
68	M	o-Xylene	20.000	20.733	-3.7	102	0.00
69	M	Styrene	20.000	20.913	-4.6	105	0.00
70		Isopropylbenzene	20.000	29.844	-49.2#	148	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	29.538	-47.7#	141	0.00
72		1,2,3-Trichloropropane	20.000	31.262	-56.3#	157	0.00
73		Bromobenzene	20.000	29.849	-49.2#	143	0.00
74		n-propylbenzene	20.000	30.294	-51.5#	151	0.00
75		2-Chlorotoluene	20.000	30.759	-53.8#	152	0.00
76		1,3,5-Trimethylbenzene	20.000	30.612	-53.1#	147	0.00
77		t-1,4-Dichloro-2-butene	20.000	26.812	-34.1#	140	0.00
78		4-Chlorotoluene	20.000	30.616	-53.1#	152	0.00
79		tert-butylbenzene	20.000	29.309	-46.5#	140	0.00
80		1,2,4-Trimethylbenzene	20.000	29.390	-47.0#	138	0.00
81		sec-Butylbenzene	20.000	26.581	-32.9#	126	0.00
82		p-Isopropyltoluene	20.000	26.880	-34.4#	126	0.00
83	M	1,3-Dichlorobenzene	20.000	26.428	-32.1#	122	0.00
84	M	1,4-Dichlorobenzene	20.000	26.480	-32.4#	124	0.00
85		n-Butylbenzene	20.000	25.896	-29.5	129	0.00
86	T	Hexachloroethane	20.000	26.318	-31.6#	122	0.00
87	M	1,2-Dichlorobenzene	20.000	26.087	-30.4#	121	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	27.200	-36.0#	128	0.00
89		1,2,4-Trichlorobenzene	20.000	24.179	-20.9	118	0.00
90		Hexachlorobutadiene	20.000	25.371	-26.9	112	0.00
91	M	Naphthalene	20.000	23.554	-17.8	124	0.00
92		1,2,3-Trichlorobenzene	20.000	24.725	-23.6	117	0.00

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