Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
Data File : VN078871.D
Acq On : 11 Aug 2023 18:28
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 12 01:43:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 09 05:05:47 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	85	0.00
2	M	Dichlorodifluoromethane	20.000	22.245	-11.2	89	0.00
3	M	Chloromethane	20.000	22.120	-10.6	89	0.00
4	M	Vinyl Chloride	20.000	23.725	-18.6	99	0.00
5	M	Bromomethane	20.000	20.000	0.0	82	-0.01
6	M	Chloroethane	20.000	21.133	-5.7	88	0.00
7	M	Trichlorofluoromethane	20.000	21.787	-8.9	86	0.00
8	T	Diethyl Ether	20.000	22.047	-10.2	89	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.448	-7.2	85	0.00
10	M	1,1-Dichloroethene	20.000	20.998	-5.0	85	0.00
11		Methyl Iodide	20.000	21.125	-5.6	85	0.00
12		Methyl Acetate	20.000	21.844	-9.2	87	0.00
13	M	Acrolein	100.000	101.654	-1.7	88	0.00
14	M	Acrylonitrile	100.000	103.240	-3.2	82	0.00
15	M	Acetone	100.000	101.345	-1.3	81	0.00
16	M	Carbon Disulfide	20.000	21.151	-5.8	84	0.00
17		Allyl chloride	20.000	21.265	-6.3	93	0.00
18	M	Methylene Chloride	20.000	21.326	-6.6	86	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.602	-8.0	88	0.00
20	T	Diisopropyl ether	20.000	22.430	-12.1	91	0.00
21	M	1,1-Dichloroethane	20.000	21.329	-6.6	87	0.00
22	M	cis-1,2-Dichloroethene	20.000	22.174	-10.9	87	0.01
23	M	tert-Butyl Alcohol	100.000	89.374	10.6	74	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.923	-9.6	89	0.00
25	M	Chloroform	20.000	22.065	-10.3	90	0.00
26		Cyclohexane	20.000	21.315	-6.6	90	0.01
27	s	1,2-Dichloroethane-d4	30.000	29.774	0.8	82	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29		1,1-Dichloropropene	20.000	22.995	-15.0	89	0.00
30	M	2-Butanone	100.000	109.155	-9.2	86	0.00
31		2,2-Dichloropropane	20.000	22.466	-12.3	87	0.00
32	M	1,1,1-Trichloroethane	20.000	23.235	-16.2	94	-0.01
33	M	Carbon Tetrachloride	20.000	21.909	-9.5	85	0.00
34	M	Benzene	20.000	23.495	-17.5	93	0.00
35		Methacrylonitrile	20.000	21.685	-8.4	86	0.00
36	M	1,2-Dichloroethane	20.000	23.657	-18.3	94	0.00
37	M	Trichloroethene	20.000	21.955	-9.8	86	0.00
38		Methylcyclohexane	20.000	22.293	-11.5	85	0.00
39	M	1,2-Dichloropropane	20.000	22.651	-13.3	88	0.01
40		Dibromomethane	20.000	22.388	-11.9	90	0.00
41	M	Bromodichloromethane	20.000	22.959	-14.8	88	0.00
42	M	Vinyl Acetate	100.000	116.085	-16.1	91	0.00
43		Ethyl Acetate	20.000	20.176	-0.9	72	0.00
44		Isopropyl Acetate	20.000	22.937	-14.7	93	0.00
45	T	1,4-Dioxane	400.000	474.322	-18.6	86	0.00
46		Methyl methacrylate	20.000	23.476	-17.4	93	0.00
47		n-amyl Acetate	20.000	24.244	-21.2	93	0.00
48	M	t-1,3-Dichloropropene	20.000	21.963	-9.8	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	22.642	-13.2	88	0.00
50	M	1,1,2-Trichloroethane	20.000	22.408	-12.0	88	0.00
51		Ethyl methacrylate	20.000	22.820	-14.1	91	0.00
52		1,3-Dichloropropane	20.000	22.900	-14.5	90	0.00
53	M	Dibromochloromethane	20.000	21.639	-8.2	87	0.00
54	M	1,2-Dibromoethane	20.000	23.383	-16.9	93	0.00
55	M	2-Chloroethyl vinyl ether	100.000	117.672	-17.7	94	0.00
56	M	Bromoform	20.000	22.755	-13.8	89	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58	M	4-Methyl-2-Pentanone	100.000	114.696	-14.7	89	0.00
59	M	2-Hexanone	100.000	115.497	-15.5	89	0.00
60	S	4-Bromofluorobenzene	30.000	30.503	-1.7	79	0.00
61	M	Tetrachloroethene	20.000	20.928	-4.6	83	0.00
62	M	Toluene	20.000	23.152	-15.8	91	0.00
63	S	Toluene-d8	30.000	30.120	-0.4	80	0.00
64	M	Chlorobenzene	20.000	22.050	-10.3	87	0.00
65		1,1,1,2-Tetrachloroethane	20.000	22.335	-11.7	88	0.00
66	M	Ethyl Benzene	20.000	21.726	-8.6	83	0.00
67	M	m/p-Xylenes	40.000	44.817	-12.0	88	0.00
68	M	o-Xylene	20.000	22.125	-10.6	85	0.00
69	M	Styrene	20.000	23.348	-16.7	91	0.00
70		Isopropylbenzene	20.000	22.381	-11.9	88	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	24.561	-22.8	95	0.00
72		1,2,3-Trichloropropane	20.000	20.920	-4.6	86	0.00
73		Bromobenzene	20.000	20.898	-4.5	83	0.00
74		n-propylbenzene	20.000	23.399	-17.0	89	0.00
75		2-Chlorotoluene	20.000	23.513	-17.6	90	0.00
76		1,3,5-Trimethylbenzene	20.000	23.056	-15.3	87	0.00
77		t-1,4-Dichloro-2-butene	20.000	23.965	-19.8	91	0.00
78		4-Chlorotoluene	20.000	22.892	-14.5	87	0.00
79		tert-butylbenzene	20.000	22.883	-14.4	85	0.00
80		1,2,4-Trimethylbenzene	20.000	24.472	-22.4	92	0.00
81		sec-Butylbenzene	20.000	23.971	-19.9	90	0.00
82		p-Isopropyltoluene	20.000	24.323	-21.6	92	0.00
83	M	1,3-Dichlorobenzene	20.000	23.813	-19.1	89	0.00
84	M	1,4-Dichlorobenzene	20.000	23.304	-16.5	88	0.00
85		n-Butylbenzene	20.000	26.654	-33.3#	102	0.00
86	T	Hexachloroethane	20.000	22.498	-12.5	88	0.00
87	M	1,2-Dichlorobenzene	20.000	24.167	-20.8	90	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	23.622	-18.1	93	0.00
89		1,2,4-Trichlorobenzene	20.000	21.276	-6.4	79	0.00
90		Hexachlorobutadiene	20.000	23.573	-17.9	88	0.00
91	M	Naphthalene	20.000	19.626	1.9	75	0.00
92		1,2,3-Trichlorobenzene	20.000	22.697	-13.5	84	0.00

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