Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
Data File : VN069621.D
Acq On : 23 Nov 2021 11:40
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Nov 24 02:25:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 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	99	0.00
2	M	Dichlorodifluoromethane	20.000	22.222	-11.1	95	0.00
3	M	Chloromethane	20.000	21.964	-9.8	97	0.00
4	M	Vinyl Chloride	20.000	20.663	-3.3	92	0.00
5	M	Bromomethane	20.000	19.212	3.9	85	0.00
6	M	Chloroethane	20.000	19.652	1.7	85	0.00
7	M	Trichlorofluoromethane	20.000	19.001	5.0	82	0.00
8	T	Diethyl Ether	20.000	21.957	-9.8	100	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	22.365	-11.8	100	0.00
10	M	1,1-Dichloroethene	20.000	21.380	-6.9	97	0.00
11		Methyl Iodide	20.000	22.074	-10.4	106	0.00
12		Methyl Acetate	20.000	21.413	-7.1	98	0.00
13	M	Acrolein	100.000	122.456	-22.5	125	0.00
14	M	Acrylonitrile	100.000	101.276	-1.3	97	0.00
15	M	Acetone	100.000	103.430	-3.4	82	0.00
16	M	Carbon Disulfide	20.000	20.394	-2.0	98	0.00
17		Allyl chloride	20.000	21.426	-7.1	101	0.00
18	M	Methylene Chloride	20.000	21.617	-8.1	101	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.311	-6.6	99	0.00
20	T	Diisopropyl ether	20.000	21.868	-9.3	103	0.00
21	M	1,1-Dichloroethane	20.000	21.606	-8.0	100	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.128	-5.6	98	0.00
23	M	tert-Butyl Alcohol	100.000	90.711	9.3	90	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.340	-6.7	100	0.00
25	M	Chloroform	20.000	21.476	-7.4	99	0.00
26		Cyclohexane	20.000	21.204	-6.0	97	0.00
27	s	1,2-Dichloroethane-d4	30.000	31.334	-4.4	98	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29		1,1-Dichloropropene	20.000	21.420	-7.1	95	0.00
30	M	2-Butanone	100.000	101.204	-1.2	89	0.00
31		2,2-Dichloropropane	20.000	21.006	-5.0	98	0.00
32	M	1,1,1-Trichloroethane	20.000	21.017	-5.1	97	0.00
33	M	Carbon Tetrachloride	20.000	21.347	-6.7	98	0.00
34	M	Benzene	20.000	21.831	-9.2	98	0.00
35		Methacrylonitrile	20.000	21.512	-7.6	103	0.00
36	M	1,2-Dichloroethane	20.000	22.648	-13.2	100	0.00
37	M	Trichloroethene	20.000	21.605	-8.0	100	0.00
38		Methylcyclohexane	20.000	21.123	-5.6	96	0.00
39	M	1,2-Dichloropropane	20.000	22.352	-11.8	101	0.00
40		Dibromomethane	20.000	21.579	-7.9	99	0.00
41	M	Bromodichloromethane	20.000	21.683	-8.4	103	0.00
42	M	Vinyl Acetate	100.000	107.533	-7.5	100	0.00
43		Ethyl Acetate	20.000	20.574	-2.9	98	0.00
44		Isopropyl Acetate	20.000	20.592	-3.0	96	0.00
45	T	1,4-Dioxane	400.000	384.524	3.9	91	0.00
46		Methyl methacrylate	20.000	20.371	-1.9	97	0.00
47		n-amyl Acetate	20.000	16.337	18.3	85	0.00
48	M	t-1,3-Dichloropropene	20.000	19.922	0.4	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	20.000	21.113	-5.6	102	0.00
50	M	1,1,2-Trichloroethane	20.000	21.309	-6.5	99	0.00
51		Ethyl methacrylate	20.000	19.531	2.3	96	0.00
52		1,3-Dichloropropane	20.000	21.739	-8.7	99	0.00
53	M	Dibromochloromethane	20.000	20.562	-2.8	103	0.00
54	M	1,2-Dibromoethane	20.000	20.286	-1.4	95	0.00
55	M	2-Chloroethyl vinyl ether	100.000	117.609	-17.6	128	0.00
56	M	Bromoform	20.000	19.029	4.9	103	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58	M	4-Methyl-2-Pentanone	100.000	104.603	-4.6	94	0.00
59	M	2-Hexanone	100.000	97.018	3.0	88	0.00
60	S	4-Bromofluorobenzene	30.000	29.823	0.6	94	0.00
61	M	Tetrachloroethene	20.000	22.842	-14.2	100	0.00
62	M	Toluene	20.000	21.606	-8.0	94	0.00
63	S	Toluene-d8	30.000	30.670	-2.2	93	0.00
64	M	Chlorobenzene	20.000	21.204	-6.0	96	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.564	-7.8	98	0.00
66	M	Ethyl Benzene	20.000	20.989	-4.9	93	0.00
67	M	m/p-Xylenes	40.000	42.112	-5.3	93	0.00
68	M	o-Xylene	20.000	20.675	-3.4	91	0.00
69	M	Styrene	20.000	20.281	-1.4	93	0.00
70		Isopropylbenzene	20.000	20.765	-3.8	93	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.952	-4.8	95	0.00
72		1,2,3-Trichloropropane	20.000	18.420	7.9	86	0.00
73		Bromobenzene	20.000	20.538	-2.7	96	0.00
74		n-propylbenzene	20.000	20.124	-0.6	91	0.00
75		2-Chlorotoluene	20.000	20.871	-4.4	95	0.00
76		1,3,5-Trimethylbenzene	20.000	20.815	-4.1	93	0.00
77		t-1,4-Dichloro-2-butene	20.000	16.104	19.5	90	0.00
78		4-Chlorotoluene	20.000	20.162	-0.8	93	0.00
79		tert-butylbenzene	20.000	20.042	-0.2	93	0.00
80		1,2,4-Trimethylbenzene	20.000	20.617	-3.1	93	0.00
81		sec-Butylbenzene	20.000	19.822	0.9	90	0.00
82		p-Isopropyltoluene	20.000	19.704	1.5	92	0.00
83	M	1,3-Dichlorobenzene	20.000	20.390	-2.0	96	0.00
84	M	1,4-Dichlorobenzene	20.000	19.644	1.8	92	0.00
85		n-Butylbenzene	20.000	17.753	11.2	89	0.00
86	T	Hexachloroethane	20.000	18.612	6.9	95	0.00
87	M	1,2-Dichlorobenzene	20.000	20.170	-0.9	92	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.633	6.8	96	0.00
89		1,2,4-Trichlorobenzene	20.000	16.879	15.6	91	0.00
90		Hexachlorobutadiene	20.000	22.219	-11.1	104	0.00
91	M	Naphthalene	20.000	13.678	31.6#	80	0.00
92		1,2,3-Trichlorobenzene	20.000	16.455	17.7	87	0.00

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