Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
Data File : VN072794.D
Acq On : 11 Jun 2022 17:43
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jun 13 01:20:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
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	77	0.00
2	M	Dichlorodifluoromethane	20.000	16.356	18.2	63	0.00
3	M	Chloromethane	20.000	15.570	22.1	61	0.00
4	M	Vinyl Chloride	20.000	19.698	1.5	76	0.00
5	M	Bromomethane	20.000	14.190	29.1#	56	0.00
6	M	Chloroethane	20.000	19.963	0.2	72	0.00
7	M	Trichlorofluoromethane	20.000	17.276	13.6	66	0.00
8	T	Diethyl Ether	20.000	18.205	9.0	70	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	17.317	13.4	66	0.00
10	M	1,1-Dichloroethene	20.000	17.210	13.9	68	0.00
11		Methyl Iodide	20.000	10.174	49.1#	38	0.00
12		Methyl Acetate	20.000	20.237	-1.2	80	0.00
13	M	Acrolein	100.000	83.287	16.7	69	0.00
14	M	Acrylonitrile	100.000	98.346	1.7	75	0.00
15	M	Acetone	100.000	94.697	5.3	72	0.00
16	M	Carbon Disulfide	20.000	13.740	31.3#	56	0.00
17		Allyl chloride	20.000	17.501	12.5	68	0.00
18	M	Methylene Chloride	20.000	18.122	9.4	69	0.00
19	M	trans-1,2-Dichloroethene	20.000	16.897	15.5	65	0.00
20	T	Diisopropyl ether	20.000	20.386	-1.9	76	0.00
21	M	1,1-Dichloroethane	20.000	18.018	9.9	70	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.414	7.9	70	0.00
23	M	tert-Butyl Alcohol	100.000	86.708	13.3	65	0.01
24	M	Methyl tert-Butyl Ether	20.000	18.354	8.2	70	0.01
25	M	Chloroform	20.000	18.871	5.6	72	0.00
26		Cyclohexane	20.000	17.411	12.9	67	0.00
27	s	1,2-Dichloroethane-d4	30.000	32.099	-7.0	80	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	75	0.00
29		1,1-Dichloropropene	20.000	17.669	11.7	69	0.00
30	M	2-Butanone	100.000	101.030	-1.0	78	0.00
31		2,2-Dichloropropane	20.000	13.763	31.2#	53	0.00
32	M	1,1,1-Trichloroethane	20.000	17.191	14.0	66	0.00
33	M	Carbon Tetrachloride	20.000	16.409	18.0	63	0.00
34	M	Benzene	20.000	18.469	7.7	71	0.00
35		Methacrylonitrile	20.000	18.312	8.4	74	0.00
36	M	1,2-Dichloroethane	20.000	18.637	6.8	70	0.00
37	M	Trichloroethene	20.000	17.181	14.1	67	0.00
38		Methylcyclohexane	20.000	16.736	16.3	66	0.00
39	M	1,2-Dichloropropane	20.000	19.301	3.5	74	0.00
40		Dibromomethane	20.000	18.864	5.7	73	0.00
41	M	Bromodichloromethane	20.000	17.858	10.7	68	0.00
42	M	Vinyl Acetate	100.000	96.033	4.0	73	0.00
43		Ethyl Acetate	20.000	20.487	-2.4	77	0.00
44		Isopropyl Acetate	20.000	19.182	4.1	74	0.00
45	T	1,4-Dioxane	400.000	396.848	0.8	74	0.00
46		Methyl methacrylate	20.000	18.742	6.3	74	0.00
47		n-amyl Acetate	20.000	17.187	14.1	71	0.00
48	M	t-1,3-Dichloropropene	20.000	15.948	20.3	63	0.00

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Quant Time: Jun 13 01:20:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
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)
49	T	cis-1,3-Dichloropropene	20.000	16.680	16.6	65	0.00
50	M	1,1,2-Trichloroethane	20.000	18.713	6.4	71	0.00
51		Ethyl methacrylate	20.000	18.217	8.9	71	0.00
52		1,3-Dichloropropane	20.000	19.402	3.0	73	0.00
53	M	Dibromochloromethane	20.000	17.188	14.1	67	0.00
54	M	1,2-Dibromoethane	20.000	18.405	8.0	71	0.00
55	M	2-Chloroethyl vinyl ether	100.000	113.030	-13.0	94	0.00
56	M	Bromoform	20.000	15.687	21.6	63	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	74	0.00
58	M	4-Methyl-2-Pentanone	100.000	107.828	-7.8	80	0.00
59	M	2-Hexanone	100.000	103.366	-3.4	78	0.00
60	S	4-Bromofluorobenzene	30.000	27.595	8.0	70	0.00
61	M	Tetrachloroethene	20.000	18.887	5.6	70	0.00
62	M	Toluene	20.000	19.036	4.8	71	0.00
63	S	Toluene-d8	30.000	32.114	-7.0	77	0.00
64	M	Chlorobenzene	20.000	18.334	8.3	69	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.560	7.2	68	0.00
66	M	Ethyl Benzene	20.000	18.608	7.0	70	0.00
67	M	m/p-Xylenes	40.000	35.530	11.2	68	0.00
68	M	o-Xylene	20.000	17.989	10.1	67	0.00
69	M	Styrene	20.000	17.875	10.6	70	0.00
70		Isopropylbenzene	20.000	18.213	8.9	69	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.830	0.9	74	0.00
72		1,2,3-Trichloropropane	20.000	21.827	-9.1	74	0.00
73		Bromobenzene	20.000	17.188	14.1	66	0.00
74		n-propylbenzene	20.000	17.438	12.8	68	0.00
75		2-Chlorotoluene	20.000	18.107	9.5	70	0.00
76		1,3,5-Trimethylbenzene	20.000	18.117	9.4	70	0.00
77		t-1,4-Dichloro-2-butene	20.000	13.547	32.3#	54	0.00
78		4-Chlorotoluene	20.000	16.938	15.3	67	0.00
79		tert-butylbenzene	20.000	17.793	11.0	68	0.00
80		1,2,4-Trimethylbenzene	20.000	17.992	10.0	71	0.00
81		sec-Butylbenzene	20.000	17.992	10.0	71	0.00
82		p-Isopropyltoluene	20.000	17.197	14.0	70	0.00
83	M	1,3-Dichlorobenzene	20.000	17.137	14.3	70	0.00
84	M	1,4-Dichlorobenzene	20.000	17.118	14.4	69	0.00
85		n-Butylbenzene	20.000	16.125	19.4	67	0.00
86	T	Hexachloroethane	20.000	15.695	21.5	61	0.00
87	M	1,2-Dichlorobenzene	20.000	17.613	11.9	70	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	16.878	15.6	65	0.00
89		1,2,4-Trichlorobenzene	20.000	15.409	23.0	64	0.00
90		Hexachlorobutadiene	20.000	16.465	17.7	63	0.00
91	M	Naphthalene	20.000	16.564	17.2	69	0.00
92		1,2,3-Trichlorobenzene	20.000	16.245	18.8	68	0.00

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