Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
Data File : VX033711.D
Acq On : 12 Jan 2023 16:31
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jan 13 00:03:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 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	95	0.00
2	M	Dichlorodifluoromethane	20.000	21.612	-8.1	98	0.00
3	M	Chloromethane	20.000	22.225	-11.1	98	0.00
4	M	Vinyl Chloride	20.000	24.089	-20.4	117	0.00
5	M	Bromomethane	20.000	21.730	-8.7	101	0.00
6	M	Chloroethane	20.000	23.775	-18.9	114	0.00
7	M	Trichlorofluoromethane	20.000	20.870	-4.4	94	0.00
8	T	Diethyl Ether	20.000	20.177	-0.9	102	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	27.132	-35.7#	138	0.00
10	M	1,1-Dichloroethene	20.000	27.028	-35.1#	138	0.00
11		Methyl Iodide	20.000	23.318	-16.6	122	0.00
12		Methyl Acetate	20.000	24.356	-21.8	115	0.00
13	M	Acrolein	100.000	98.788	1.2	107	0.00
14	M	Acrylonitrile	100.000	111.732	-11.7	102	0.00
15	M	Acetone	100.000	113.572	-13.6	119	-0.01
16	M	Carbon Disulfide	20.000	23.267	-16.3	123	0.00
17		Allyl chloride	20.000	23.063	-15.3	108	0.00
18	M	Methylene Chloride	20.000	21.839	-9.2	104	0.00
19	M	trans-1,2-Dichloroethene	20.000	22.094	-10.5	102	0.00
20	T	Diisopropyl ether	20.000	21.602	-8.0	97	-0.01
21	M	1,1-Dichloroethane	20.000	21.389	-6.9	99	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.463	-7.3	100	0.00
23	M	tert-Butyl Alcohol	100.000	97.184	2.8	88	-0.04
24	M	Methyl tert-Butyl Ether	20.000	21.747	-8.7	99	0.00
25	M	Chloroform	20.000	21.417	-7.1	97	0.00
26		Cyclohexane	20.000	21.229	-6.1	98	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.557	-1.9	89	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	68	0.00
29		1,1-Dichloropropene	20.000	28.959	-44.8#	100	0.00
30	M	2-Butanone	100.000	135.574	-35.6#	93	0.00
31		2,2-Dichloropropane	20.000	30.378	-51.9#	108	0.00
32	M	1,1,1-Trichloroethane	20.000	27.615	-38.1#	96	0.00
33	M	Carbon Tetrachloride	20.000	28.017	-40.1#	99	0.00
34	M	Benzene	20.000	28.581	-42.9#	101	0.00
35		Methacrylonitrile	20.000	28.414	-42.1#	98	-0.02
36	M	1,2-Dichloroethane	20.000	28.095	-40.5#	95	0.00
37	M	Trichloroethene	20.000	22.207	-11.0	79	-0.01
38		Methylcyclohexane	20.000	25.384	-26.9#	89	0.00
39	M	1,2-Dichloropropane	20.000	20.669	-3.3	71	0.00
40		Dibromomethane	20.000	21.564	-7.8	74	0.00
41	M	Bromodichloromethane	20.000	21.310	-6.5	74	0.00
42	M	Vinyl Acetate	100.000	135.435	-35.4#	92	0.00
43		Ethyl Acetate	20.000	28.476	-42.4#	94	-0.01
44		Isopropyl Acetate	20.000	27.502	-37.5#	98	0.00
45	T	1,4-Dioxane	400.000	362.490	9.4	60	-0.02
46		Methyl methacrylate	20.000	21.098	-5.5	73	0.00
47		n-amyl Acetate	20.000	27.473	-37.4#	96	0.00
48	M	t-1,3-Dichloropropene	20.000	21.009	-5.0	76	0.00

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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	20.838	-4.2	76	0.00
50	M	1,1,2-Trichloroethane	20.000	21.113	-5.6	74	0.00
51		Ethyl methacrylate	20.000	20.428	-2.1	72	0.00
52		1,3-Dichloropropane	20.000	21.787	-8.9	75	0.00
53	M	Dibromochloromethane	20.000	21.587	-7.9	79	0.00
54	M	1,2-Dibromoethane	20.000	22.013	-10.1	77	0.00
55	M	2-Chloroethyl vinyl ether	100.000	96.792	3.2	68	0.00
56	M	Bromoform	20.000	27.450	-37.2#	100	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58	M	4-Methyl-2-Pentanone	100.000	95.535	4.5	76	0.00
59	M	2-Hexanone	100.000	97.857	2.1	79	0.00
60	S	4-Bromofluorobenzene	30.000	34.968	-16.6	95	0.00
61	M	Tetrachloroethene	20.000	19.730	1.3	83	0.00
62	M	Toluene	20.000	18.254	8.7	75	0.00
63	S	Toluene-d8	30.000	25.668	14.4	69	0.00
64	M	Chlorobenzene	20.000	21.837	-9.2	91	0.00
65		1,1,1,2-Tetrachloroethane	20.000	22.547	-12.7	93	0.00
66	M	Ethyl Benzene	20.000	23.646	-18.2	97	0.00
67	M	m/p-Xylenes	40.000	48.689	-21.7	99	0.00
68	M	o-Xylene	20.000	24.402	-22.0	100	0.00
69	M	Styrene	20.000	24.311	-21.6	99	0.00
70		Isopropylbenzene	20.000	24.645	-23.2	100	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	23.684	-18.4	96	0.00
72		1,2,3-Trichloropropane	20.000	21.893	-9.5	88	0.00
73		Bromobenzene	20.000	24.891	-24.5	103	0.00
74		n-propylbenzene	20.000	24.827	-24.1	102	0.00
75		2-Chlorotoluene	20.000	24.727	-23.6	101	0.00
76		1,3,5-Trimethylbenzene	20.000	24.889	-24.4	101	0.00
77		t-1,4-Dichloro-2-butene	20.000	23.135	-15.7	105	0.00
78		4-Chlorotoluene	20.000	25.023	-25.1#	102	0.00
79		tert-butylbenzene	20.000	24.507	-22.5	100	0.00
80		1,2,4-Trimethylbenzene	20.000	25.205	-26.0#	102	0.00
81		sec-Butylbenzene	20.000	25.642	-28.2#	105	0.00
82		p-Isopropyltoluene	20.000	25.500	-27.5#	105	0.00
83	M	1,3-Dichlorobenzene	20.000	24.949	-24.7	104	0.00
84	M	1,4-Dichlorobenzene	20.000	25.070	-25.4#	104	0.00
85		n-Butylbenzene	20.000	25.917	-29.6#	109	0.00
86	T	Hexachloroethane	20.000	23.817	-19.1	105	0.00
87	M	1,2-Dichlorobenzene	20.000	25.011	-25.1#	104	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	22.827	-14.1	96	0.00
89		1,2,4-Trichlorobenzene	20.000	25.777	-28.9#	108	0.00
90		Hexachlorobutadiene	20.000	26.411	-32.1#	113	0.00
91	M	Naphthalene	20.000	25.739	-28.7#	106	0.00
92		1,2,3-Trichlorobenzene	20.000	25.899	-29.5#	110	0.00

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