Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
Data File : VD072396.D
Acq On : 23 Mar 2022 20:57
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 24 00:56:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 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	Pentafluorobenzene	50.000	50.000	0.0	100	0.00
2	T	Dichlorodifluoromethane	50.000	43.352	13.3	80	0.00
3	P	Chloromethane	50.000	58.703	-17.4	107	0.00
4	C	Vinyl Chloride	50.000	58.033	-16.1#	100	0.00
5	T	Bromomethane	50.000	58.613	-17.2	110	0.00
6	T	Chloroethane	50.000	59.167	-18.3	105	0.00
7	T	Trichlorofluoromethane	50.000	47.974	4.1	87	0.00
8	T	Diethyl Ether	50.000	55.302	-10.6	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.597	0.8	92	0.00
10	T	Methyl Iodide	50.000	46.478	7.0	88	0.00
11	T	Tert butyl alcohol	250.000	256.840	-2.7	115	0.01
12	CM	1,1-Dichloroethene	50.000	52.241	-4.5#	93	0.00
13	T	Acrolein	250.000	210.370	15.9	98	0.00
14	T	Allyl chloride	50.000	55.761	-11.5	101	0.00
15	T	Acrylonitrile	250.000	284.647	-13.9	116	0.00
16	T	Acetone	250.000	215.120	14.0	85	0.00
17	T	Carbon Disulfide	50.000	48.860	2.3	85	0.00
18	T	Methyl Acetate	50.000	55.086	-10.2	124	0.00
19	T	Methyl tert-butyl Ether	50.000	55.534	-11.1	108	0.00
20	T	Methylene Chloride	50.000	52.452	-4.9	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.775	-7.5	94	0.00
22	T	Diisopropyl ether	50.000	56.923	-13.8	109	0.00
23	T	Vinyl Acetate	250.000	294.049	-17.6	108	0.00
24	P	1,1-Dichloroethane	50.000	54.279	-8.6	102	0.00
25	T	2-Butanone	250.000	265.593	-6.2	108	0.00
26	T	2,2-Dichloropropane	50.000	47.632	4.7	90	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.476	-7.0	99	0.00
28	T	Bromochloromethane	50.000	58.562	-17.1	112	0.00
29	T	Tetrahydrofuran	250.000	291.787	-16.7	116	0.00
30	C	Chloroform	50.000	52.735	-5.5#	102	0.00
31	T	Cyclohexane	50.000	52.512	-5.0	93	0.00
32	T	1,1,1-Trichloroethane	50.000	50.529	-1.1	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.233	3.5	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	45.226	9.5	102	0.00
36	T	1,1-Dichloropropene	50.000	51.032	-2.1	94	0.00
37	T	Ethyl Acetate	50.000	56.033	-12.1	115	0.00
38	T	Carbon Tetrachloride	50.000	47.351	5.3	91	0.00
39	T	Methylcyclohexane	50.000	53.153	-6.3	93	0.00
40	TM	Benzene	50.000	52.622	-5.2	100	0.00
41	T	Methacrylonitrile	50.000	64.487	-29.0#	129	0.00
42	TM	1,2-Dichloroethane	50.000	52.727	-5.5	105	0.00
43	T	Isopropyl Acetate	50.000	57.013	-14.0	118	0.00
44	TM	Trichloroethene	50.000	50.070	-0.1	95	0.00
45	C	1,2-Dichloropropane	50.000	52.422	-4.8#	106	0.00
46	T	Dibromomethane	50.000	53.692	-7.4	108	0.00
47	T	Bromodichloromethane	50.000	50.783	-1.6	103	0.00
48	T	Methyl methacrylate	50.000	54.346	-8.7	104	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1095.285	-9.5	116	0.00
50	S	Toluene-d8	50.000	45.086	9.8	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	278.354	-11.3	115	0.00
52	CM	Toluene	50.000	51.841	-3.7#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	50.602	-1.2	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.154	-4.3	103	0.00
55	T	1,1,2-Trichloroethane	50.000	58.167	-16.3	121	0.00
56	T	Ethyl methacrylate	50.000	62.711	-25.4#	125	0.00
57	T	1,3-Dichloropropane	50.000	53.033	-6.1	109	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	501.260	-100.5#	212	0.00
59	T	2-Hexanone	250.000	298.318	-19.3	123	0.00
60	T	Dibromochloromethane	50.000	50.186	-0.4	104	0.00
61	T	1,2-Dibromoethane	50.000	52.159	-4.3	105	0.00
62	S	4-Bromofluorobenzene	50.000	45.129	9.7	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	48.374	3.3	93	0.00
65	PM	Chlorobenzene	50.000	50.609	-1.2	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.547	2.9	99	0.00
67	C	Ethyl Benzene	50.000	50.794	-1.6#	98	0.00
68	T	m/p-Xylenes	100.000	100.581	-0.6	96	0.00
69	T	o-Xylene	50.000	51.910	-3.8	100	0.00
70	T	Styrene	50.000	51.383	-2.8	102	0.00
71	P	Bromoform	50.000	48.490	3.0	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	52.124	-4.2	96	0.00
74	T	N-amyl acetate	50.000	66.529	-33.1#	132	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.776	-7.6	113	0.00
76	T	1,2,3-Trichloropropane	50.000	52.791	-5.6	108	0.00
77	T	Bromobenzene	50.000	51.650	-3.3	101	0.00
78	T	n-propylbenzene	50.000	52.009	-4.0	97	0.00
79	T	2-Chlorotoluene	50.000	51.274	-2.5	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.277	-0.6	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.214	-2.4	105	0.00
82	T	4-Chlorotoluene	50.000	50.837	-1.7	98	0.00
83	T	tert-Butylbenzene	50.000	50.869	-1.7	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.939	0.1	96	0.00
85	T	sec-Butylbenzene	50.000	50.308	-0.6	95	0.00
86	T	p-Isopropyltoluene	50.000	50.284	-0.6	94	0.00
87	T	1,3-Dichlorobenzene	50.000	48.844	2.3	97	0.00
88	T	1,4-Dichlorobenzene	50.000	48.504	3.0	96	0.00
89	T	n-Butylbenzene	50.000	49.855	0.3	93	0.00
90	T	Hexachloroethane	50.000	47.808	4.4	94	0.00
91	T	1,2-Dichlorobenzene	50.000	49.183	1.6	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.072	-2.1	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.180	3.6	96	0.00
94	T	Hexachlorobutadiene	50.000	43.891	12.2	86	0.00
95	T	Naphthalene	50.000	52.762	-5.5	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.405	5.2	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6