Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012422\
Data File : VD071772.D
Acq On : 24 Jan 2022 11:15
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 25 04:10:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	46.168	7.7	95	0.00
3	P	Chloromethane	50.000	45.315	9.4	92	0.00
4	C	Vinyl Chloride	50.000	45.043	9.9#	98	0.00
5	T	Bromomethane	50.000	45.197	9.6	98	0.00
6	T	Chloroethane	50.000	44.673	10.7	98	0.00
7	T	Trichlorofluoromethane	50.000	49.385	1.2	110	0.00
8	T	Diethyl Ether	50.000	46.937	6.1	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.308	-6.6	115	0.00
10	T	Methyl Iodide	50.000	47.467	5.1	93	0.00
11	T	Tert butyl alcohol	250.000	270.491	-8.2	106	0.02
12	CM	1,1-Dichloroethene	50.000	48.271	3.5#	104	0.00
13	T	Acrolein	250.000	212.552	15.0	83	0.00
14	T	Allyl chloride	50.000	51.126	-2.3	112	0.00
15	T	Acrylonitrile	250.000	236.806	5.3	99	0.00
16	T	Acetone	250.000	248.100	0.8	101	0.00
17	T	Carbon Disulfide	50.000	43.078	13.8	89	0.00
18	T	Methyl Acetate	50.000	44.812	10.4	93	0.00
19	T	Methyl tert-butyl Ether	50.000	48.366	3.3	102	0.00
20	T	Methylene Chloride	50.000	48.759	2.5	103	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.974	4.1	103	0.00
22	T	Diisopropyl ether	50.000	51.609	-3.2	106	0.00
23	T	Vinyl Acetate	250.000	256.686	-2.7	102	0.00
24	P	1,1-Dichloroethane	50.000	50.860	-1.7	108	0.00
25	T	2-Butanone	250.000	237.835	4.9	101	0.00
26	T	2,2-Dichloropropane	50.000	53.930	-7.9	115	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.078	-2.2	106	0.00
28	T	Bromochloromethane	50.000	46.340	7.3	92	0.00
29	T	Tetrahydrofuran	250.000	230.356	7.9	97	0.00
30	C	Chloroform	50.000	51.385	-2.8#	109	0.00
31	T	Cyclohexane	50.000	48.718	2.6	102	0.00
32	T	1,1,1-Trichloroethane	50.000	51.477	-3.0	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.275	-6.5	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	57.772	-15.5	109	0.00
36	T	1,1-Dichloropropene	50.000	51.699	-3.4	107	0.00
37	T	Ethyl Acetate	50.000	47.017	6.0	95	0.00
38	T	Carbon Tetrachloride	50.000	54.346	-8.7	111	0.00
39	T	Methylcyclohexane	50.000	50.877	-1.8	102	0.00
40	TM	Benzene	50.000	51.688	-3.4	105	0.00
41	T	Methacrylonitrile	50.000	43.757	12.5	102	0.00
42	TM	1,2-Dichloroethane	50.000	49.816	0.4	102	0.00
43	T	Isopropyl Acetate	50.000	49.222	1.6	99	0.00
44	TM	Trichloroethene	50.000	52.022	-4.0	107	0.00
45	C	1,2-Dichloropropane	50.000	52.807	-5.6#	107	0.00
46	T	Dibromomethane	50.000	49.704	0.6	100	0.00
47	T	Bromodichloromethane	50.000	52.969	-5.9	106	0.00
48	T	Methyl methacrylate	50.000	51.004	-2.0	111	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	1006.035	-0.6	98	0.00
50	S	Toluene-d8	50.000	58.382	-16.8	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.761	1.3	98	0.00
52	CM	Toluene	50.000	54.612	-9.2#	109	0.00
53	T	t-1,3-Dichloropropene	50.000	53.571	-7.1	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.229	-6.5	107	0.00
55	T	1,1,2-Trichloroethane	50.000	52.604	-5.2	104	0.00
56	T	Ethyl methacrylate	50.000	51.352	-2.7	100	0.00
57	T	1,3-Dichloropropane	50.000	50.869	-1.7	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.783	-1.5	100	0.00
59	T	2-Hexanone	250.000	258.399	-3.4	101	0.00
60	T	Dibromochloromethane	50.000	52.034	-4.1	104	0.00
61	T	1,2-Dibromoethane	50.000	49.609	0.8	100	0.00
62	S	4-Bromofluorobenzene	50.000	57.846	-15.7	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	52.819	-5.6	107	0.00
65	PM	Chlorobenzene	50.000	52.660	-5.3	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.272	-8.5	113	0.00
67	C	Ethyl Benzene	50.000	54.580	-9.2#	107	0.00
68	T	m/p-Xylenes	100.000	110.624	-10.6	108	0.00
69	T	o-Xylene	50.000	55.163	-10.3	110	0.00
70	T	Styrene	50.000	55.479	-11.0	107	0.00
71	P	Bromoform	50.000	53.246	-6.5	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	54.776	-9.6	110	0.00
74	T	N-amyl acetate	50.000	48.758	2.5	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.422	3.2	101	0.00
76	T	1,2,3-Trichloropropane	50.000	46.301	7.4	106	0.00
77	T	Bromobenzene	50.000	51.680	-3.4	108	0.00
78	T	n-propylbenzene	50.000	54.122	-8.2	109	0.00
79	T	2-Chlorotoluene	50.000	53.540	-7.1	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.987	-8.0	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.400	-2.8	108	0.00
82	T	4-Chlorotoluene	50.000	53.990	-8.0	109	0.00
83	T	tert-Butylbenzene	50.000	56.631	-13.3	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.087	-8.2	109	0.00
85	T	sec-Butylbenzene	50.000	56.079	-12.2	110	0.00
86	T	p-Isopropyltoluene	50.000	55.615	-11.2	110	0.00
87	T	1,3-Dichlorobenzene	50.000	52.981	-6.0	108	0.00
88	T	1,4-Dichlorobenzene	50.000	51.131	-2.3	106	0.00
89	T	n-Butylbenzene	50.000	55.244	-10.5	110	0.00
90	T	Hexachloroethane	50.000	55.368	-10.7	115	0.00
91	T	1,2-Dichlorobenzene	50.000	51.428	-2.9	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.670	2.7	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.776	-7.6	108	0.00
94	T	Hexachlorobutadiene	50.000	53.945	-7.9	112	0.00
95	T	Naphthalene	50.000	50.962	-1.9	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.044	-8.1	109	0.00

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