Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
Data File : VD074539.D
Acq On : 17 Oct 2022 12:08
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 17 23:07:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 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	113	0.00
2	T	Dichlorodifluoromethane	50.000	43.965	12.1	95	0.00
3	P	Chloromethane	50.000	46.175	7.7	104	0.00
4	C	Vinyl Chloride	50.000	50.011	-0.0#	110	0.00
5	T	Bromomethane	50.000	48.849	2.3	124	0.00
6	T	Chloroethane	50.000	50.606	-1.2	114	0.00
7	T	Trichlorofluoromethane	50.000	46.134	7.7	104	0.00
8	T	Diethyl Ether	50.000	48.407	3.2	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.366	9.3	105	0.00
10	T	Methyl Iodide	50.000	41.885	16.2	98	0.00
11	T	Tert butyl alcohol	250.000	122.324	51.1#	82	-0.01
12	CM	1,1-Dichloroethene	50.000	44.326	11.3#	100	0.00
13	T	Acrolein	250.000	254.072	-1.6	137	0.00
14	T	Allyl chloride	50.000	46.989	6.0	102	0.01
15	T	Acrylonitrile	250.000	245.552	1.8	107	0.00
16	T	Acetone	250.000	282.666	-13.1	120	0.00
17	T	Carbon Disulfide	50.000	41.858	16.3	95	0.00
18	T	Methyl Acetate	50.000	42.157	15.7	102	0.00
19	T	Methyl tert-butyl Ether	50.000	48.536	2.9	103	0.00
20	T	Methylene Chloride	50.000	41.442	17.1	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.098	7.8	100	0.00
22	T	Diisopropyl ether	50.000	48.532	2.9	104	0.00
23	T	Vinyl Acetate	250.000	277.854	-11.1	114	0.00
24	P	1,1-Dichloroethane	50.000	44.752	10.5	99	0.00
25	T	2-Butanone	250.000	253.270	-1.3	113	0.00
26	T	2,2-Dichloropropane	50.000	47.559	4.9	109	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.668	0.7	113	0.00
28	T	Bromochloromethane	50.000	49.404	1.2	112	0.00
29	T	Tetrahydrofuran	250.000	255.863	-2.3	116	0.00
30	C	Chloroform	50.000	50.052	-0.1#	113	0.00
31	T	Cyclohexane	50.000	44.872	10.3	106	0.00
32	T	1,1,1-Trichloroethane	50.000	49.922	0.2	113	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.694	0.6	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35	S	Dibromofluoromethane	50.000	51.196	-2.4	110	0.00
36	T	1,1-Dichloropropene	50.000	49.414	1.2	108	0.00
37	T	Ethyl Acetate	50.000	50.530	-1.1	116	0.00
38	T	Carbon Tetrachloride	50.000	54.346	-8.7	117	0.00
39	T	Methylcyclohexane	50.000	49.981	0.0	109	0.00
40	TM	Benzene	50.000	50.623	-1.2	109	0.00
41	T	Methacrylonitrile	50.000	52.780	-5.6	121	-0.01
42	TM	1,2-Dichloroethane	50.000	49.749	0.5	109	0.00
43	T	Isopropyl Acetate	50.000	51.523	-3.0	110	0.00
44	TM	Trichloroethene	50.000	51.463	-2.9	116	0.00
45	C	1,2-Dichloropropane	50.000	49.978	0.0#	106	0.00
46	T	Dibromomethane	50.000	52.106	-4.2	112	0.00
47	T	Bromodichloromethane	50.000	51.821	-3.6	112	0.00
48	T	Methyl methacrylate	50.000	50.986	-2.0	114	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1064.695	-6.5	116	0.00
50	S	Toluene-d8	50.000	52.492	-5.0	107	0.00
51	T	4-Methyl-2-Pentanone	250.000	271.477	-8.6	114	0.00
52	CM	Toluene	50.000	51.617	-3.2#	110	0.00
53	T	t-1,3-Dichloropropene	50.000	54.109	-8.2	113	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.511	-7.0	112	0.00
55	T	1,1,2-Trichloroethane	50.000	52.129	-4.3	111	0.00
56	T	Ethyl methacrylate	50.000	53.082	-6.2	111	0.00
57	T	1,3-Dichloropropane	50.000	51.302	-2.6	113	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	310.385	-24.2	154	0.00
59	T	2-Hexanone	250.000	280.783	-12.3	117	0.00
60	T	Dibromochloromethane	50.000	52.730	-5.5	115	0.00
61	T	1,2-Dibromoethane	50.000	50.819	-1.6	108	0.00
62	S	4-Bromofluorobenzene	50.000	49.356	1.3	114	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	51.269	-2.5	115	0.00
65	PM	Chlorobenzene	50.000	52.899	-5.8	113	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.127	-6.3	114	0.00
67	C	Ethyl Benzene	50.000	52.067	-4.1#	110	0.00
68	T	m/p-Xylenes	100.000	104.381	-4.4	110	0.00
69	T	o-Xylene	50.000	52.261	-4.5	111	0.00
70	T	Styrene	50.000	52.645	-5.3	110	0.00
71	P	Bromoform	50.000	54.737	-9.5	116	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73	T	Isopropylbenzene	50.000	52.055	-4.1	114	0.00
74	T	N-amyl acetate	50.000	50.658	-1.3	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.985	-2.0	111	0.00
76	T	1,2,3-Trichloropropane	50.000	44.439	11.1	94	0.00
77	T	Bromobenzene	50.000	52.057	-4.1	115	0.00
78	T	n-propylbenzene	50.000	50.772	-1.5	111	0.00
79	T	2-Chlorotoluene	50.000	50.184	-0.4	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.347	-2.7	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.180	-10.4	110	0.00
82	T	4-Chlorotoluene	50.000	51.362	-2.7	112	0.00
83	T	tert-Butylbenzene	50.000	51.400	-2.8	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.308	-2.6	113	0.00
85	T	sec-Butylbenzene	50.000	51.024	-2.0	113	0.00
86	T	p-Isopropyltoluene	50.000	52.138	-4.3	115	0.00
87	T	1,3-Dichlorobenzene	50.000	51.150	-2.3	113	0.00
88	T	1,4-Dichlorobenzene	50.000	51.512	-3.0	117	0.00
89	T	n-Butylbenzene	50.000	50.833	-1.7	110	0.00
90	T	Hexachloroethane	50.000	51.084	-2.2	111	0.00
91	T	1,2-Dichlorobenzene	50.000	52.278	-4.6	116	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.194	-8.4	113	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.711	-5.4	118	0.00
94	T	Hexachlorobutadiene	50.000	54.078	-8.2	117	0.00
95	T	Naphthalene	50.000	54.465	-8.9	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.353	-8.7	118	0.00

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