Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
Data File : VD072683.D
Acq On : 21 Apr 2022 21:04
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Apr 22 03:48:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 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	78	0.00
2	T	Dichlorodifluoromethane	50.000	43.834	12.3	61	0.00
3	P	Chloromethane	50.000	52.897	-5.8	69	0.00
4	C	Vinyl Chloride	50.000	46.660	6.7#	66	0.00
5	T	Bromomethane	50.000	47.184	5.6	65	-0.01
6	T	Chloroethane	50.000	52.906	-5.8	70	-0.01
7	T	Trichlorofluoromethane	50.000	50.834	-1.7	68	-0.01
8	T	Diethyl Ether	50.000	56.239	-12.5	79	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.674	0.7	70	0.00
10	T	Methyl Iodide	50.000	46.128	7.7	66	0.00
11	T	Tert butyl alcohol	250.000	447.606	-79.0#	136	0.00
12	CM	1,1-Dichloroethene	50.000	51.377	-2.8#	68	0.00
13	T	Acrolein	250.000	166.106	33.6#	82	0.00
14	T	Allyl chloride	50.000	51.598	-3.2	74	0.00
15	T	Acrylonitrile	250.000	277.444	-11.0	81	-0.01
16	T	Acetone	250.000	235.074	6.0	68	0.00
17	T	Carbon Disulfide	50.000	46.295	7.4	63	0.00
18	T	Methyl Acetate	50.000	50.571	-1.1	85	0.00
19	T	Methyl tert-butyl Ether	50.000	58.119	-16.2	82	0.00
20	T	Methylene Chloride	50.000	55.467	-10.9	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.247	-2.5	72	0.00
22	T	Diisopropyl ether	50.000	56.554	-13.1	79	0.00
23	T	Vinyl Acetate	250.000	275.306	-10.1	79	0.00
24	P	1,1-Dichloroethane	50.000	55.006	-10.0	78	0.00
25	T	2-Butanone	250.000	275.715	-10.3	78	0.00
26	T	2,2-Dichloropropane	50.000	50.723	-1.4	72	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.812	-11.6	77	0.00
28	T	Bromochloromethane	50.000	58.467	-16.9	87	0.00
29	T	Tetrahydrofuran	250.000	295.121	-18.0	82	0.00
30	C	Chloroform	50.000	54.408	-8.8#	78	0.00
31	T	Cyclohexane	50.000	50.035	-0.1	66	0.00
32	T	1,1,1-Trichloroethane	50.000	54.842	-9.7	77	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.509	-1.0	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	48.006	4.0	77	0.00
36	T	1,1-Dichloropropene	50.000	48.207	3.6	71	0.00
37	T	Ethyl Acetate	50.000	56.245	-12.5	83	0.00
38	T	Carbon Tetrachloride	50.000	50.990	-2.0	72	0.00
39	T	Methylcyclohexane	50.000	49.203	1.6	74	0.00
40	TM	Benzene	50.000	54.148	-8.3	75	0.00
41	T	Methacrylonitrile	50.000	57.901	-15.8	100	0.00
42	TM	1,2-Dichloroethane	50.000	54.453	-8.9	79	0.00
43	T	Isopropyl Acetate	50.000	58.397	-16.8	85	0.00
44	TM	Trichloroethene	50.000	52.999	-6.0	74	0.00
45	C	1,2-Dichloropropane	50.000	53.616	-7.2#	79	0.00
46	T	Dibromomethane	50.000	54.716	-9.4	79	0.00
47	T	Bromodichloromethane	50.000	53.235	-6.5	81	0.00
48	T	Methyl methacrylate	50.000	54.491	-9.0	81	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1190.440	-19.0	92	0.00
50	S	Toluene-d8	50.000	45.646	8.7	73	0.00
51	T	4-Methyl-2-Pentanone	250.000	286.809	-14.7	84	0.00
52	CM	Toluene	50.000	53.553	-7.1#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	54.615	-9.2	78	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.828	-5.7	76	0.00
55	T	1,1,2-Trichloroethane	50.000	54.771	-9.5	82	0.00
56	T	Ethyl methacrylate	50.000	53.630	-7.3	81	0.00
57	T	1,3-Dichloropropane	50.000	53.963	-7.9	81	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.761	-11.5	82	0.00
59	T	2-Hexanone	250.000	285.127	-14.1	82	0.00
60	T	Dibromochloromethane	50.000	53.592	-7.2	81	0.00
61	T	1,2-Dibromoethane	50.000	56.006	-12.0	82	0.00
62	S	4-Bromofluorobenzene	50.000	46.786	6.4	78	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	49.478	1.0	71	0.00
65	PM	Chlorobenzene	50.000	51.340	-2.7	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.024	-4.0	79	0.00
67	C	Ethyl Benzene	50.000	52.803	-5.6#	76	0.00
68	T	m/p-Xylenes	100.000	106.091	-6.1	75	0.00
69	T	o-Xylene	50.000	53.414	-6.8	77	0.00
70	T	Styrene	50.000	53.080	-6.2	76	0.00
71	P	Bromoform	50.000	53.194	-6.4	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	50.377	-0.8	75	0.00
74	T	N-amyl acetate	50.000	54.094	-8.2	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.135	-0.3	83	0.00
76	T	1,2,3-Trichloropropane	50.000	49.629	0.7	71	0.00
77	T	Bromobenzene	50.000	50.337	-0.7	77	0.00
78	T	n-propylbenzene	50.000	49.432	1.1	74	0.00
79	T	2-Chlorotoluene	50.000	49.973	0.1	76	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.592	0.8	76	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.133	-4.3	81	0.00
82	T	4-Chlorotoluene	50.000	49.675	0.7	77	0.00
83	T	tert-Butylbenzene	50.000	50.881	-1.8	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.050	-0.1	77	0.00
85	T	sec-Butylbenzene	50.000	49.488	1.0	75	0.00
86	T	p-Isopropyltoluene	50.000	49.344	1.3	75	0.00
87	T	1,3-Dichlorobenzene	50.000	49.573	0.9	79	0.00
88	T	1,4-Dichlorobenzene	50.000	47.664	4.7	76	0.00
89	T	n-Butylbenzene	50.000	48.254	3.5	73	0.00
90	T	Hexachloroethane	50.000	48.443	3.1	78	0.00
91	T	1,2-Dichlorobenzene	50.000	49.246	1.5	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.716	-11.4	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.140	3.7	75	0.00
94	T	Hexachlorobutadiene	50.000	46.454	7.1	74	0.00
95	T	Naphthalene	50.000	50.274	-0.5	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.585	0.8	78	0.00

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