Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
Data File : VD072922.D
Acq On : 11 May 2022 10:33
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: May 11 13:16:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 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	106	0.00
2	T	Dichlorodifluoromethane	50.000	41.326	17.3	89	0.00
3	P	Chloromethane	50.000	40.224	19.6	89	0.00
4	C	Vinyl Chloride	50.000	43.635	12.7#	91	0.00
5	T	Bromomethane	50.000	47.268	5.5	100	0.00
6	T	Chloroethane	50.000	43.517	13.0	95	0.00
7	T	Trichlorofluoromethane	50.000	45.040	9.9	97	0.00
8	T	Diethyl Ether	50.000	46.765	6.5	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.157	7.7	100	0.00
10	T	Methyl Iodide	50.000	45.477	9.0	92	0.00
11	T	Tert butyl alcohol	250.000	234.649	6.1	117	0.00
12	CM	1,1-Dichloroethene	50.000	45.107	9.8#	97	0.00
13	T	Acrolein	250.000	181.602	27.4#	80	0.00
14	T	Allyl chloride	50.000	45.430	9.1	95	0.00
15	T	Acrylonitrile	250.000	242.928	2.8	104	0.00
16	T	Acetone	250.000	282.200	-12.9	103	0.00
17	T	Carbon Disulfide	50.000	41.287	17.4	88	0.00
18	T	Methyl Acetate	50.000	49.690	0.6	107	0.00
19	T	Methyl tert-butyl Ether	50.000	50.153	-0.3	103	0.00
20	T	Methylene Chloride	50.000	45.025	10.0	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.045	7.9	96	0.00
22	T	Diisopropyl ether	50.000	48.977	2.0	100	0.00
23	T	Vinyl Acetate	250.000	250.774	-0.3	102	0.00
24	P	1,1-Dichloroethane	50.000	46.420	7.2	100	0.00
25	T	2-Butanone	250.000	255.370	-2.1	106	0.00
26	T	2,2-Dichloropropane	50.000	46.841	6.3	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.166	7.7	99	0.00
28	T	Bromochloromethane	50.000	46.377	7.2	95	0.00
29	T	Tetrahydrofuran	250.000	254.338	-1.7	107	0.00
30	C	Chloroform	50.000	46.442	7.1#	101	0.00
31	T	Cyclohexane	50.000	44.123	11.8	93	0.00
32	T	1,1,1-Trichloroethane	50.000	46.212	7.6	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.283	5.4	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	50.939	-1.9	107	0.00
36	T	1,1-Dichloropropene	50.000	48.403	3.2	97	0.00
37	T	Ethyl Acetate	50.000	50.932	-1.9	102	0.00
38	T	Carbon Tetrachloride	50.000	48.133	3.7	98	-0.01
39	T	Methylcyclohexane	50.000	47.776	4.4	95	0.00
40	TM	Benzene	50.000	48.392	3.2	99	0.00
41	T	Methacrylonitrile	50.000	53.197	-6.4	100	0.00
42	TM	1,2-Dichloroethane	50.000	48.753	2.5	101	0.00
43	T	Isopropyl Acetate	50.000	51.430	-2.9	103	0.00
44	TM	Trichloroethene	50.000	47.811	4.4	98	0.00
45	C	1,2-Dichloropropane	50.000	48.271	3.5#	99	0.00
46	T	Dibromomethane	50.000	49.165	1.7	102	0.00
47	T	Bromodichloromethane	50.000	48.944	2.1	100	0.00
48	T	Methyl methacrylate	50.000	53.468	-6.9	103	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1008.132	-0.8	106	0.00
50	S	Toluene-d8	50.000	50.753	-1.5	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.692	-6.3	105	0.00
52	CM	Toluene	50.000	50.128	-0.3#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	50.079	-0.2	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.683	0.6	101	0.00
55	T	1,1,2-Trichloroethane	50.000	50.487	-1.0	103	0.00
56	T	Ethyl methacrylate	50.000	53.927	-7.9	102	0.00
57	T	1,3-Dichloropropane	50.000	50.422	-0.8	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	267.678	-7.1	101	0.00
59	T	2-Hexanone	250.000	277.370	-10.9	103	0.00
60	T	Dibromochloromethane	50.000	49.850	0.3	104	0.00
61	T	1,2-Dibromoethane	50.000	49.372	1.3	101	0.00
62	S	4-Bromofluorobenzene	50.000	51.288	-2.6	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	48.062	3.9	98	0.00
65	PM	Chlorobenzene	50.000	49.621	0.8	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.788	-1.6	101	0.00
67	C	Ethyl Benzene	50.000	51.773	-3.5#	100	0.00
68	T	m/p-Xylenes	100.000	104.210	-4.2	99	0.00
69	T	o-Xylene	50.000	52.056	-4.1	99	0.00
70	T	Styrene	50.000	53.319	-6.6	101	0.00
71	P	Bromoform	50.000	52.135	-4.3	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	52.699	-5.4	100	0.00
74	T	N-amyl acetate	50.000	55.166	-10.3	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.260	-4.5	107	0.00
76	T	1,2,3-Trichloropropane	50.000	53.920	-7.8	102	0.00
77	T	Bromobenzene	50.000	51.418	-2.8	101	0.00
78	T	n-propylbenzene	50.000	52.266	-4.5	99	0.00
79	T	2-Chlorotoluene	50.000	50.835	-1.7	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.887	-5.8	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.212	-8.4	103	0.00
82	T	4-Chlorotoluene	50.000	51.669	-3.3	100	0.00
83	T	tert-Butylbenzene	50.000	53.808	-7.6	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.543	-5.1	100	0.00
85	T	sec-Butylbenzene	50.000	52.964	-5.9	100	0.00
86	T	p-Isopropyltoluene	50.000	53.325	-6.7	100	0.00
87	T	1,3-Dichlorobenzene	50.000	50.246	-0.5	101	0.00
88	T	1,4-Dichlorobenzene	50.000	50.549	-1.1	102	0.00
89	T	n-Butylbenzene	50.000	53.131	-6.3	99	0.00
90	T	Hexachloroethane	50.000	50.982	-2.0	101	0.00
91	T	1,2-Dichlorobenzene	50.000	51.395	-2.8	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.186	-0.4	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.815	-3.6	99	0.00
94	T	Hexachlorobutadiene	50.000	49.774	0.5	100	0.00
95	T	Naphthalene	50.000	55.813	-11.6	103	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.527	-3.1	98	0.00

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