Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042922\
Data File : VD072740.D
Acq On : 29 Apr 2022 14:43
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Apr 30 02:33:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 27 16:01:06 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	90	0.00
2	T	Dichlorodifluoromethane	50.000	44.772	10.5	97	0.00
3	P	Chloromethane	50.000	42.859	14.3	92	0.00
4	C	Vinyl Chloride	50.000	43.778	12.4#	95	0.00
5	T	Bromomethane	50.000	43.946	12.1	93	0.00
6	T	Chloroethane	50.000	44.018	12.0	94	0.00
7	T	Trichlorofluoromethane	50.000	44.791	10.4	97	0.00
8	T	Diethyl Ether	50.000	49.420	1.2	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.478	9.0	98	0.00
10	T	Methyl Iodide	50.000	45.143	9.7	100	0.00
11	T	Tert butyl alcohol	250.000	345.247	-38.1#	117	0.00
12	CM	1,1-Dichloroethene	50.000	46.031	7.9#	97	0.00
13	T	Acrolein	250.000	255.629	-2.3	105	0.00
14	T	Allyl chloride	50.000	47.469	5.1	99	0.00
15	T	Acrylonitrile	250.000	262.172	-4.9	104	0.00
16	T	Acetone	250.000	301.976	-20.8	118	0.00
17	T	Carbon Disulfide	50.000	45.374	9.3	94	0.00
18	T	Methyl Acetate	50.000	49.961	0.1	103	0.00
19	T	Methyl tert-butyl Ether	50.000	50.802	-1.6	100	0.00
20	T	Methylene Chloride	50.000	55.165	-10.3	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.403	7.2	98	0.00
22	T	Diisopropyl ether	50.000	49.682	0.6	98	0.00
23	T	Vinyl Acetate	250.000	261.741	-4.7	102	0.00
24	P	1,1-Dichloroethane	50.000	46.889	6.2	97	0.00
25	T	2-Butanone	250.000	277.877	-11.2	110	0.00
26	T	2,2-Dichloropropane	50.000	46.568	6.9	97	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.643	4.7	98	0.00
28	T	Bromochloromethane	50.000	53.742	-7.5	99	0.00
29	T	Tetrahydrofuran	250.000	269.868	-7.9	103	-0.01
30	C	Chloroform	50.000	47.152	5.7#	97	0.00
31	T	Cyclohexane	50.000	43.031	13.9	93	-0.01
32	T	1,1,1-Trichloroethane	50.000	46.110	7.8	97	-0.01
33	S	1,2-Dichloroethane-d4	50.000	48.187	3.6	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35	S	Dibromofluoromethane	50.000	50.019	-0.0	100	0.00
36	T	1,1-Dichloropropene	50.000	46.910	6.2	96	0.00
37	T	Ethyl Acetate	50.000	55.160	-10.3	105	0.00
38	T	Carbon Tetrachloride	50.000	46.468	7.1	98	0.00
39	T	Methylcyclohexane	50.000	45.736	8.5	94	0.00
40	TM	Benzene	50.000	48.517	3.0	99	0.00
41	T	Methacrylonitrile	50.000	53.424	-6.8	102	0.00
42	TM	1,2-Dichloroethane	50.000	50.073	-0.1	103	0.00
43	T	Isopropyl Acetate	50.000	52.685	-5.4	101	0.00
44	TM	Trichloroethene	50.000	47.030	5.9	99	0.00
45	C	1,2-Dichloropropane	50.000	49.746	0.5#	99	0.00
46	T	Dibromomethane	50.000	50.409	-0.8	100	0.00
47	T	Bromodichloromethane	50.000	49.275	1.5	99	0.00
48	T	Methyl methacrylate	50.000	54.967	-9.9	103	0.00

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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)
49	T	1,4-Dioxane	1000.000	1057.458	-5.7	103	0.00
50	S	Toluene-d8	50.000	48.993	2.0	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.820	-9.9	104	0.00
52	CM	Toluene	50.000	48.132	3.7#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	52.624	-5.2	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.092	-2.2	101	0.00
55	T	1,1,2-Trichloroethane	50.000	51.008	-2.0	104	0.00
56	T	Ethyl methacrylate	50.000	55.923	-11.8	104	0.00
57	T	1,3-Dichloropropane	50.000	51.724	-3.4	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.951	-10.4	105	0.00
59	T	2-Hexanone	250.000	298.302	-19.3	109	0.00
60	T	Dibromochloromethane	50.000	50.809	-1.6	103	0.00
61	T	1,2-Dibromoethane	50.000	52.856	-5.7	103	0.00
62	S	4-Bromofluorobenzene	50.000	48.747	2.5	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	45.559	8.9	95	0.00
65	PM	Chlorobenzene	50.000	48.711	2.6	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.230	1.5	101	0.00
67	C	Ethyl Benzene	50.000	48.311	3.4#	98	0.00
68	T	m/p-Xylenes	100.000	97.617	2.4	97	0.00
69	T	o-Xylene	50.000	48.855	2.3	97	0.00
70	T	Styrene	50.000	51.226	-2.5	100	0.00
71	P	Bromoform	50.000	51.480	-3.0	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	47.312	5.4	97	0.00
74	T	N-amyl acetate	50.000	54.521	-9.0	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.067	-4.1	104	0.00
76	T	1,2,3-Trichloropropane	50.000	49.548	0.9	97	0.00
77	T	Bromobenzene	50.000	49.226	1.5	100	0.00
78	T	n-propylbenzene	50.000	47.627	4.7	97	0.00
79	T	2-Chlorotoluene	50.000	47.786	4.4	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.232	3.5	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.892	-5.8	107	0.00
82	T	4-Chlorotoluene	50.000	48.366	3.3	99	0.00
83	T	tert-Butylbenzene	50.000	47.599	4.8	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.774	4.5	97	0.00
85	T	sec-Butylbenzene	50.000	46.934	6.1	97	0.00
86	T	p-Isopropyltoluene	50.000	47.132	5.7	96	0.00
87	T	1,3-Dichlorobenzene	50.000	47.845	4.3	99	0.00
88	T	1,4-Dichlorobenzene	50.000	48.271	3.5	101	0.00
89	T	n-Butylbenzene	50.000	47.787	4.4	98	0.00
90	T	Hexachloroethane	50.000	47.174	5.7	99	0.00
91	T	1,2-Dichlorobenzene	50.000	48.549	2.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.623	-1.2	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.633	0.7	100	0.00
94	T	Hexachlorobutadiene	50.000	45.638	8.7	97	0.00
95	T	Naphthalene	50.000	54.430	-8.9	105	0.00

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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)
96 T	1,2,3-Trichlorobenzene	50.000	51.196	-2.4	104	0.00

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