Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
Data File : VD072685.D
Acq On : 22 Apr 2022 10:30
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: Apr 22 23:42:51 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	45.919	8.2	68	0.00
3	P	Chloromethane	50.000	50.213	-0.4	71	0.00
4	C	Vinyl Chloride	50.000	48.234	3.5#	73	0.00
5	T	Bromomethane	50.000	51.063	-2.1	75	0.00
6	T	Chloroethane	50.000	53.115	-6.2	76	-0.01
7	T	Trichlorofluoromethane	50.000	53.026	-6.1	77	-0.01
8	T	Diethyl Ether	50.000	51.880	-3.8	79	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.444	-2.9	78	0.00
10	T	Methyl Iodide	50.000	46.820	6.4	73	0.00
11	T	Tert butyl alcohol	250.000	409.577	-63.8#	134	0.00
12	CM	1,1-Dichloroethene	50.000	53.465	-6.9#	76	0.00
13	T	Acrolein	250.000	284.407	-13.8	151	0.00
14	T	Allyl chloride	50.000	49.587	0.8	77	-0.01
15	T	Acrylonitrile	250.000	266.758	-6.7	84	0.00
16	T	Acetone	250.000	272.646	-9.1	85	0.00
17	T	Carbon Disulfide	50.000	46.382	7.2	68	-0.01
18	T	Methyl Acetate	50.000	48.676	2.6	88	0.00
19	T	Methyl tert-butyl Ether	50.000	54.781	-9.6	84	0.00
20	T	Methylene Chloride	50.000	48.973	2.1	82	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.085	-0.2	75	0.00
22	T	Diisopropyl ether	50.000	53.913	-7.8	81	0.00
23	T	Vinyl Acetate	250.000	261.992	-4.8	81	0.00
24	P	1,1-Dichloroethane	50.000	52.230	-4.5	80	-0.01
25	T	2-Butanone	250.000	279.268	-11.7	85	0.00
26	T	2,2-Dichloropropane	50.000	54.756	-9.5	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.685	-5.4	78	0.00
28	T	Bromochloromethane	50.000	52.612	-5.2	84	0.00
29	T	Tetrahydrofuran	250.000	269.930	-8.0	81	0.00
30	C	Chloroform	50.000	52.383	-4.8#	81	0.00
31	T	Cyclohexane	50.000	51.715	-3.4	74	0.00
32	T	1,1,1-Trichloroethane	50.000	53.377	-6.8	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.629	0.7	83	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	50.790	-1.6	83	0.00
36	T	1,1-Dichloropropene	50.000	51.167	-2.3	77	0.00
37	T	Ethyl Acetate	50.000	58.170	-16.3	88	0.00
38	T	Carbon Tetrachloride	50.000	54.550	-9.1	79	0.00
39	T	Methylcyclohexane	50.000	48.770	2.5	75	0.00
40	TM	Benzene	50.000	55.269	-10.5	78	0.00
41	T	Methacrylonitrile	50.000	57.480	-15.0	101	0.00
42	TM	1,2-Dichloroethane	50.000	54.497	-9.0	81	0.00
43	T	Isopropyl Acetate	50.000	55.891	-11.8	83	0.00
44	TM	Trichloroethene	50.000	53.634	-7.3	77	0.00
45	C	1,2-Dichloropropane	50.000	54.630	-9.3#	82	0.00
46	T	Dibromomethane	50.000	55.088	-10.2	81	0.00
47	T	Bromodichloromethane	50.000	54.341	-8.7	84	0.00
48	T	Methyl methacrylate	50.000	58.507	-17.0	89	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	1172.360	-17.2	93	0.00
50	S	Toluene-d8	50.000	48.113	3.8	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	279.190	-11.7	84	0.00
52	CM	Toluene	50.000	55.378	-10.8#	78	0.00
53	T	t-1,3-Dichloropropene	50.000	55.760	-11.5	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.496	-7.0	79	0.00
55	T	1,1,2-Trichloroethane	50.000	53.803	-7.6	82	0.00
56	T	Ethyl methacrylate	50.000	52.410	-4.8	81	0.00
57	T	1,3-Dichloropropane	50.000	53.760	-7.5	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.537	-5.0	79	0.00
59	T	2-Hexanone	250.000	297.895	-19.2	87	0.00
60	T	Dibromochloromethane	50.000	54.119	-8.2	83	0.00
61	T	1,2-Dibromoethane	50.000	55.696	-11.4	83	0.00
62	S	4-Bromofluorobenzene	50.000	50.633	-1.3	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	52.304	-4.6	78	0.00
65	PM	Chlorobenzene	50.000	52.299	-4.6	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.086	-6.2	83	0.00
67	C	Ethyl Benzene	50.000	53.564	-7.1#	79	0.00
68	T	m/p-Xylenes	100.000	108.377	-8.4	79	0.00
69	T	o-Xylene	50.000	53.659	-7.3	80	0.00
70	T	Styrene	50.000	53.662	-7.3	79	0.00
71	P	Bromoform	50.000	52.724	-5.4	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	50.967	-1.9	79	0.00
74	T	N-amyl acetate	50.000	51.317	-2.6	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.171	1.7	84	0.00
76	T	1,2,3-Trichloropropane	50.000	51.458	-2.9	76	0.00
77	T	Bromobenzene	50.000	50.766	-1.5	81	0.00
78	T	n-propylbenzene	50.000	51.400	-2.8	79	0.00
79	T	2-Chlorotoluene	50.000	50.997	-2.0	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.733	-1.5	80	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.173	-2.3	82	0.00
82	T	4-Chlorotoluene	50.000	51.475	-3.0	83	0.00
83	T	tert-Butylbenzene	50.000	51.676	-3.4	82	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.223	-2.4	82	0.00
85	T	sec-Butylbenzene	50.000	50.928	-1.9	80	0.00
86	T	p-Isopropyltoluene	50.000	50.826	-1.7	80	0.00
87	T	1,3-Dichlorobenzene	50.000	50.582	-1.2	83	0.00
88	T	1,4-Dichlorobenzene	50.000	48.876	2.2	81	0.00
89	T	n-Butylbenzene	50.000	51.298	-2.6	80	0.00
90	T	Hexachloroethane	50.000	50.625	-1.3	84	0.00
91	T	1,2-Dichlorobenzene	50.000	49.151	1.7	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.603	-3.2	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.524	-1.0	81	0.00
94	T	Hexachlorobutadiene	50.000	49.645	0.7	82	0.00
95	T	Naphthalene	50.000	47.847	4.3	79	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	51.051	-2.1	83	0.00

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