Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
Data File : VD073402.D
Acq On : 27 May 2022 10:52
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 28 09:40:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 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	102	0.00
2	T	Dichlorodifluoromethane	50.000	57.516	-15.0	134	0.00
3	P	Chloromethane	50.000	48.034	3.9	112	0.00
4	C	Vinyl Chloride	50.000	51.071	-2.1#	112	0.00
5	T	Bromomethane	50.000	54.312	-8.6	109	0.00
6	T	Chloroethane	50.000	49.946	0.1	109	0.00
7	T	Trichlorofluoromethane	50.000	51.088	-2.2	112	0.00
8	T	Diethyl Ether	50.000	49.319	1.4	103	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.051	-2.1	113	0.00
10	T	Methyl Iodide	50.000	51.170	-2.3	105	0.00
11	T	Tert butyl alcohol	250.000	98.197	60.7#	77	0.01
12	CM	1,1-Dichloroethene	50.000	51.957	-3.9#	110	0.00
13	T	Acrolein	250.000	219.226	12.3	94	0.00
14	T	Allyl chloride	50.000	48.343	3.3	102	0.00
15	T	Acrylonitrile	250.000	237.609	5.0	100	0.00
16	T	Acetone	250.000	253.003	-1.2	120	0.00
17	T	Carbon Disulfide	50.000	51.692	-3.4	113	0.00
18	T	Methyl Acetate	50.000	46.129	7.7	102	0.00
19	T	Methyl tert-butyl Ether	50.000	48.779	2.4	101	0.00
20	T	Methylene Chloride	50.000	51.624	-3.2	109	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.395	-0.8	107	0.00
22	T	Diisopropyl ether	50.000	48.764	2.5	99	0.00
23	T	Vinyl Acetate	250.000	245.405	1.8	100	0.00
24	P	1,1-Dichloroethane	50.000	46.708	6.6	101	0.00
25	T	2-Butanone	250.000	238.459	4.6	104	0.00
26	T	2,2-Dichloropropane	50.000	48.033	3.9	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.433	3.1	102	0.00
28	T	Bromochloromethane	50.000	43.719	12.6	91	0.00
29	T	Tetrahydrofuran	250.000	234.925	6.0	99	0.00
30	C	Chloroform	50.000	47.007	6.0#	101	-0.01
31	T	Cyclohexane	50.000	48.401	3.2	106	0.00
32	T	1,1,1-Trichloroethane	50.000	48.375	3.3	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	42.087	15.8	91	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	48.589	2.8	95	0.00
36	T	1,1-Dichloropropene	50.000	52.729	-5.5	106	0.00
37	T	Ethyl Acetate	50.000	48.294	3.4	99	0.00
38	T	Carbon Tetrachloride	50.000	54.136	-8.3	107	0.00
39	T	Methylcyclohexane	50.000	56.457	-12.9	109	0.00
40	TM	Benzene	50.000	51.633	-3.3	104	0.00
41	T	Methacrylonitrile	50.000	50.492	-1.0	116	0.00
42	TM	1,2-Dichloroethane	50.000	49.517	1.0	100	0.00
43	T	Isopropyl Acetate	50.000	49.691	0.6	98	0.00
44	TM	Trichloroethene	50.000	53.329	-6.7	107	0.00
45	C	1,2-Dichloropropane	50.000	50.931	-1.9#	102	0.00
46	T	Dibromomethane	50.000	49.390	1.2	100	0.00
47	T	Bromodichloromethane	50.000	49.647	0.7	100	0.00
48	T	Methyl methacrylate	50.000	50.954	-1.9	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1007.137	-0.7	102	0.00
50	S	Toluene-d8	50.000	47.898	4.2	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.284	-2.9	101	0.00
52	CM	Toluene	50.000	53.560	-7.1#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	51.150	-2.3	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.916	-3.8	103	0.00
55	T	1,1,2-Trichloroethane	50.000	50.455	-0.9	102	0.00
56	T	Ethyl methacrylate	50.000	53.572	-7.1	99	0.00
57	T	1,3-Dichloropropane	50.000	51.481	-3.0	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	251.373	-0.5	106	0.00
59	T	2-Hexanone	250.000	272.038	-8.8	105	0.00
60	T	Dibromochloromethane	50.000	50.667	-1.3	102	0.00
61	T	1,2-Dibromoethane	50.000	51.127	-2.3	104	0.00
62	S	4-Bromofluorobenzene	50.000	49.508	1.0	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	54.912	-9.8	113	0.00
65	PM	Chlorobenzene	50.000	51.142	-2.3	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.937	-3.9	105	0.00
67	C	Ethyl Benzene	50.000	53.277	-6.6#	104	0.00
68	T	m/p-Xylenes	100.000	108.641	-8.6	104	0.00
69	T	o-Xylene	50.000	53.587	-7.2	104	0.00
70	T	Styrene	50.000	54.034	-8.1	103	0.00
71	P	Bromoform	50.000	49.965	0.1	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	52.565	-5.1	106	0.00
74	T	N-amyl acetate	50.000	49.340	1.3	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.864	4.3	103	0.00
76	T	1,2,3-Trichloropropane	50.000	54.224	-8.4	115	0.00
77	T	Bromobenzene	50.000	50.359	-0.7	107	0.00
78	T	n-propylbenzene	50.000	52.445	-4.9	106	0.00
79	T	2-Chlorotoluene	50.000	50.478	-1.0	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.849	-5.7	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.970	0.1	103	0.00
82	T	4-Chlorotoluene	50.000	50.872	-1.7	105	0.00
83	T	tert-Butylbenzene	50.000	53.102	-6.2	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.412	-4.8	107	0.00
85	T	sec-Butylbenzene	50.000	52.334	-4.7	107	0.00
86	T	p-Isopropyltoluene	50.000	53.163	-6.3	107	0.00
87	T	1,3-Dichlorobenzene	50.000	49.727	0.5	105	0.00
88	T	1,4-Dichlorobenzene	50.000	48.912	2.2	106	0.00
89	T	n-Butylbenzene	50.000	53.373	-6.7	107	0.00
90	T	Hexachloroethane	50.000	50.368	-0.7	107	0.00
91	T	1,2-Dichlorobenzene	50.000	50.242	-0.5	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.435	11.1	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.528	-5.1	107	0.00
94	T	Hexachlorobutadiene	50.000	51.989	-4.0	114	0.00
95	T	Naphthalene	50.000	46.721	6.6	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.412	-4.8	107	0.00

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