Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
Data File : VD074035.D
Acq On : 11 Aug 2022 10:55
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: Aug 11 18:01:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 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	111	0.00
2	T	Dichlorodifluoromethane	50.000	48.294	3.4	107	0.00
3	P	Chloromethane	50.000	47.552	4.9	103	0.00
4	C	Vinyl Chloride	50.000	42.204	15.6#	98	0.00
5	T	Bromomethane	50.000	41.512	17.0	96	0.00
6	T	Chloroethane	50.000	42.681	14.6	101	0.00
7	T	Trichlorofluoromethane	50.000	46.651	6.7	110	0.00
8	T	Diethyl Ether	50.000	50.445	-0.9	122	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.149	7.7	108	0.00
10	T	Methyl Iodide	50.000	48.349	3.3	102	0.00
11	T	Tert butyl alcohol	250.000	272.013	-8.8	119	0.00
12	CM	1,1-Dichloroethene	50.000	48.332	3.3#	109	0.00
13	T	Acrolein	250.000	255.463	-2.2	109	0.00
14	T	Allyl chloride	50.000	50.118	-0.2	110	0.00
15	T	Acrylonitrile	250.000	246.558	1.4	114	0.00
16	T	Acetone	250.000	292.541	-17.0	147	0.00
17	T	Carbon Disulfide	50.000	45.875	8.3	106	0.00
18	T	Methyl Acetate	50.000	51.931	-3.9	115	0.00
19	T	Methyl tert-butyl Ether	50.000	52.064	-4.1	115	0.00
20	T	Methylene Chloride	50.000	59.094	-18.2	126	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.600	2.8	110	0.00
22	T	Diisopropyl ether	50.000	51.011	-2.0	111	0.00
23	T	Vinyl Acetate	50.000	44.886	10.2	95	0.00
24	P	1,1-Dichloroethane	50.000	47.916	4.2	111	0.00
25	T	2-Butanone	250.000	259.395	-3.8	125	0.00
26	T	2,2-Dichloropropane	50.000	49.185	1.6	112	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.145	1.7	109	0.00
28	T	Bromochloromethane	50.000	48.162	3.7	110	0.00
29	T	Tetrahydrofuran	250.000	250.471	-0.2	112	-0.01
30	C	Chloroform	50.000	47.776	4.4#	108	0.00
31	T	Cyclohexane	50.000	45.797	8.4	108	0.00
32	T	1,1,1-Trichloroethane	50.000	47.682	4.6	109	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.204	3.6	107	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35	S	Dibromofluoromethane	50.000	44.992	10.0	112	0.00
36	T	1,1-Dichloropropene	50.000	50.049	-0.1	110	0.00
37	T	Ethyl Acetate	50.000	50.030	-0.1	118	0.00
38	T	Carbon Tetrachloride	50.000	50.730	-1.5	110	0.00
39	T	Methylcyclohexane	50.000	51.061	-2.1	108	0.00
40	TM	Benzene	50.000	49.990	0.0	111	0.00
41	T	Methacrylonitrile	50.000	54.577	-9.2	114	0.00
42	TM	1,2-Dichloroethane	50.000	48.991	2.0	109	0.00
43	T	Isopropyl Acetate	50.000	52.825	-5.7	115	0.00
44	TM	Trichloroethene	50.000	49.666	0.7	112	0.00
45	C	1,2-Dichloropropane	50.000	49.428	1.1#	110	0.00
46	T	Dibromomethane	50.000	49.316	1.4	111	0.00
47	T	Bromodichloromethane	50.000	49.618	0.8	111	0.00
48	T	Methyl methacrylate	50.000	50.664	-1.3	110	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1033.849	-3.4	111	0.00
50	S	Toluene-d8	50.000	47.305	5.4	111	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.916	-3.6	113	0.00
52	CM	Toluene	50.000	50.474	-0.9#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	51.794	-3.6	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.466	-2.9	109	0.00
55	T	1,1,2-Trichloroethane	50.000	49.929	0.1	111	0.00
56	T	Ethyl methacrylate	50.000	55.046	-10.1	117	0.00
57	T	1,3-Dichloropropane	50.000	50.657	-1.3	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	263.985	-5.6	114	0.00
59	T	2-Hexanone	250.000	277.711	-11.1	120	0.00
60	T	Dibromochloromethane	50.000	50.314	-0.6	112	0.00
61	T	1,2-Dibromoethane	50.000	49.355	1.3	109	0.00
62	S	4-Bromofluorobenzene	50.000	49.133	1.7	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64	T	Tetrachloroethene	50.000	48.480	3.0	110	0.00
65	PM	Chlorobenzene	50.000	49.522	1.0	111	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.198	-2.4	114	0.00
67	C	Ethyl Benzene	50.000	51.498	-3.0#	109	0.00
68	T	m/p-Xylenes	100.000	104.991	-5.0	110	0.00
69	T	o-Xylene	50.000	52.783	-5.6	110	0.00
70	T	Styrene	50.000	54.190	-8.4	111	0.00
71	P	Bromoform	50.000	52.428	-4.9	116	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73	T	Isopropylbenzene	50.000	52.220	-4.4	109	0.00
74	T	N-amyl acetate	50.000	51.221	-2.4	110	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.903	2.2	112	0.00
76	T	1,2,3-Trichloropropane	50.000	45.043	9.9	118	0.00
77	T	Bromobenzene	50.000	50.836	-1.7	113	0.00
78	T	n-propylbenzene	50.000	52.044	-4.1	108	0.00
79	T	2-Chlorotoluene	50.000	51.621	-3.2	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.135	-6.3	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.206	-8.4	118	0.00
82	T	4-Chlorotoluene	50.000	51.704	-3.4	108	0.00
83	T	tert-Butylbenzene	50.000	53.806	-7.6	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.112	-6.2	109	0.00
85	T	sec-Butylbenzene	50.000	52.918	-5.8	108	0.00
86	T	p-Isopropyltoluene	50.000	53.734	-7.5	108	0.00
87	T	1,3-Dichlorobenzene	50.000	51.831	-3.7	111	0.00
88	T	1,4-Dichlorobenzene	50.000	50.257	-0.5	110	0.00
89	T	n-Butylbenzene	50.000	52.778	-5.6	108	0.00
90	T	Hexachloroethane	50.000	51.177	-2.4	109	0.00
91	T	1,2-Dichlorobenzene	50.000	51.508	-3.0	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.602	-5.2	121	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.773	-5.5	115	0.00
94	T	Hexachlorobutadiene	50.000	51.650	-3.3	114	0.00
95	T	Naphthalene	50.000	56.396	-12.8	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.711	-5.4	114	0.00

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