Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077229.D
Acq On : 28 Sep 2023 11:08
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 29 02:17:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
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	107	0.00
2	T	Dichlorodifluoromethane	50.000	47.209	5.6	113	0.00
3	P	Chloromethane	50.000	44.834	10.3	113	0.00
4	C	Vinyl Chloride	50.000	45.406	9.2#	107	0.00
5	T	Bromomethane	50.000	45.718	8.6	121	0.00
6	T	Chloroethane	50.000	45.326	9.3	116	0.00
7	T	Trichlorofluoromethane	50.000	52.662	-5.3	132	0.00
8	T	Diethyl Ether	50.000	48.452	3.1	117	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.241	-4.5	116	0.00
10	T	Methyl Iodide	50.000	43.387	13.2	95	0.00
11	T	Tert butyl alcohol	250.000	261.783	-4.7	125	0.00
12	CM	1,1-Dichloroethene	50.000	48.904	2.2#	112	0.00
13	T	Acrolein	250.000	153.648	38.5#	78	0.00
14	T	Allyl chloride	50.000	54.162	-8.3	118	0.00
15	T	Acrylonitrile	250.000	251.700	-0.7	116	0.00
16	T	Acetone	250.000	261.895	-4.8	110	0.00
17	T	Carbon Disulfide	50.000	47.842	4.3	110	0.00
18	T	Methyl Acetate	50.000	51.501	-3.0	119	0.00
19	T	Methyl tert-butyl Ether	50.000	50.521	-1.0	114	0.00
20	T	Methylene Chloride	50.000	52.071	-4.1	117	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.208	1.6	111	0.01
22	T	Diisopropyl ether	50.000	53.550	-7.1	119	0.00
23	T	Vinyl Acetate	250.000	272.122	-8.8	122	0.00
24	P	1,1-Dichloroethane	50.000	49.861	0.3	116	0.00
25	T	2-Butanone	250.000	260.975	-4.4	117	0.00
26	T	2,2-Dichloropropane	50.000	50.756	-1.5	116	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.969	2.1	112	0.00
28	T	Bromochloromethane	50.000	52.289	-4.6	117	0.00
29	T	Tetrahydrofuran	250.000	258.026	-3.2	119	0.00
30	C	Chloroform	50.000	48.606	2.8#	111	0.00
31	T	Cyclohexane	50.000	53.193	-6.4	119	0.00
32	T	1,1,1-Trichloroethane	50.000	50.120	-0.2	113	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.207	5.6	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	48.203	3.6	101	0.00
36	T	1,1-Dichloropropene	50.000	53.197	-6.4	117	0.00
37	T	Ethyl Acetate	50.000	50.739	-1.5	118	0.00
38	T	Carbon Tetrachloride	50.000	51.431	-2.9	111	0.00
39	T	Methylcyclohexane	50.000	53.116	-6.2	110	0.00
40	TM	Benzene	50.000	50.748	-1.5	113	0.00
41	T	Methacrylonitrile	50.000	47.879	4.2	111	0.00
42	TM	1,2-Dichloroethane	50.000	47.969	4.1	108	0.00
43	T	Isopropyl Acetate	50.000	50.589	-1.2	116	0.00
44	TM	Trichloroethene	50.000	48.926	2.1	112	0.00
45	C	1,2-Dichloropropane	50.000	50.684	-1.4#	114	0.00
46	T	Dibromomethane	50.000	48.146	3.7	109	0.00
47	T	Bromodichloromethane	50.000	49.008	2.0	111	0.00
48	T	Methyl methacrylate	50.000	53.110	-6.2	116	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	1006.053	-0.6	112	0.00
50	S	Toluene-d8	50.000	50.625	-1.3	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.060	-3.2	118	0.00
52	CM	Toluene	50.000	49.927	0.1#	109	0.00
53	T	t-1,3-Dichloropropene	50.000	49.790	0.4	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.648	-1.3	113	0.00
55	T	1,1,2-Trichloroethane	50.000	49.115	1.8	111	0.00
56	T	Ethyl methacrylate	50.000	52.576	-5.2	114	0.00
57	T	1,3-Dichloropropane	50.000	49.356	1.3	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.264	-1.3	107	0.00
59	T	2-Hexanone	250.000	258.102	-3.2	117	0.00
60	T	Dibromochloromethane	50.000	46.992	6.0	104	0.00
61	T	1,2-Dibromoethane	50.000	47.582	4.8	110	0.00
62	S	4-Bromofluorobenzene	50.000	49.465	1.1	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	47.989	4.0	103	0.00
65	PM	Chlorobenzene	50.000	48.578	2.8	108	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.663	2.7	108	0.00
67	C	Ethyl Benzene	50.000	51.883	-3.8#	111	0.00
68	T	m/p-Xylenes	100.000	101.616	-1.6	107	0.00
69	T	o-Xylene	50.000	50.290	-0.6	107	0.00
70	T	Styrene	50.000	51.587	-3.2	107	0.00
71	P	Bromoform	50.000	46.422	7.2	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	53.335	-6.7	110	0.00
74	T	N-amyl acetate	50.000	52.582	-5.2	111	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.796	-1.6	114	0.00
76	T	1,2,3-Trichloropropane	50.000	59.033	-18.1	132	0.00
77	T	Bromobenzene	50.000	48.730	2.5	103	0.00
78	T	n-propylbenzene	50.000	54.147	-8.3	111	0.00
79	T	2-Chlorotoluene	50.000	52.767	-5.5	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.665	-5.3	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.134	-8.3	118	0.00
82	T	4-Chlorotoluene	50.000	52.127	-4.3	106	0.00
83	T	tert-Butylbenzene	50.000	53.530	-7.1	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.045	-4.1	107	0.00
85	T	sec-Butylbenzene	50.000	53.297	-6.6	107	0.00
86	T	p-Isopropyltoluene	50.000	52.898	-5.8	106	0.00
87	T	1,3-Dichlorobenzene	50.000	49.352	1.3	104	0.00
88	T	1,4-Dichlorobenzene	50.000	48.705	2.6	104	0.00
89	T	n-Butylbenzene	50.000	52.928	-5.9	107	0.00
90	T	Hexachloroethane	50.000	49.931	0.1	107	0.00
91	T	1,2-Dichlorobenzene	50.000	48.669	2.7	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.891	-1.8	111	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.770	0.5	104	0.00
94	T	Hexachlorobutadiene	50.000	45.010	10.0	94	0.00
95	T	Naphthalene	50.000	49.973	0.1	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.553	2.9	100	0.00

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