Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
Data File : VD076926.D
Acq On : 07 Aug 2023 11:32
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 08 04:38:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	45.787	8.4	87	0.00
3	P	Chloromethane	50.000	41.829	16.3	79	0.00
4	C	Vinyl Chloride	50.000	45.950	8.1#	87	0.00
5	T	Bromomethane	50.000	45.150	9.7	91	0.00
6	T	Chloroethane	50.000	47.688	4.6	90	0.00
7	T	Trichlorofluoromethane	50.000	55.464	-10.9	110	0.00
8	T	Diethyl Ether	50.000	50.264	-0.5	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	56.837	-13.7	110	0.00
10	T	Methyl Iodide	50.000	51.845	-3.7	92	0.00
11	T	Tert butyl alcohol	250.000	264.838	-5.9	100	0.01
12	CM	1,1-Dichloroethene	50.000	50.482	-1.0#	97	0.00
13	T	Acrolein	250.000	206.893	17.2	87	0.00
14	T	Allyl chloride	50.000	47.954	4.1	88	0.00
15	T	Acrylonitrile	250.000	263.670	-5.5	96	0.00
16	T	Acetone	250.000	267.820	-7.1	99	0.00
17	T	Carbon Disulfide	50.000	40.859	18.3	75	0.00
18	T	Methyl Acetate	50.000	52.769	-5.5	97	0.00
19	T	Methyl tert-butyl Ether	50.000	53.812	-7.6	97	0.00
20	T	Methylene Chloride	50.000	55.293	-10.6	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.680	0.6	91	0.01
22	T	Diisopropyl ether	50.000	53.922	-7.8	98	0.00
23	T	Vinyl Acetate	250.000	263.671	-5.5	94	0.00
24	P	1,1-Dichloroethane	50.000	54.088	-8.2	100	0.00
25	T	2-Butanone	250.000	272.180	-8.9	97	0.00
26	T	2,2-Dichloropropane	50.000	55.423	-10.8	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.306	-8.6	101	0.00
28	T	Bromochloromethane	50.000	45.755	8.5	92	0.00
29	T	Tetrahydrofuran	250.000	259.873	-3.9	96	0.00
30	C	Chloroform	50.000	56.843	-13.7#	109	0.00
31	T	Cyclohexane	50.000	45.904	8.2	95	0.00
32	T	1,1,1-Trichloroethane	50.000	57.252	-14.5	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.613	-1.2	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	58.732	-17.5	111	0.00
36	T	1,1-Dichloropropene	50.000	57.360	-14.7	100	0.00
37	T	Ethyl Acetate	50.000	57.634	-15.3	92	0.00
38	T	Carbon Tetrachloride	50.000	65.566	-31.1#	114	0.00
39	T	Methylcyclohexane	50.000	54.604	-9.2	94	0.00
40	TM	Benzene	50.000	56.991	-14.0	100	0.00
41	T	Methacrylonitrile	50.000	46.786	6.4	82	0.00
42	TM	1,2-Dichloroethane	50.000	59.409	-18.8	101	0.00
43	T	Isopropyl Acetate	50.000	57.193	-14.4	96	0.00
44	TM	Trichloroethene	50.000	57.252	-14.5	99	0.00
45	C	1,2-Dichloropropane	50.000	59.496	-19.0#	96	0.00
46	T	Dibromomethane	50.000	61.382	-22.8	100	0.00
47	T	Bromodichloromethane	50.000	60.671	-21.3	100	0.00
48	T	Methyl methacrylate	50.000	54.697	-9.4	88	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	1206.440	-20.6	105	0.00
50	S	Toluene-d8	50.000	52.591	-5.2	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	292.208	-16.9	94	0.00
52	CM	Toluene	50.000	57.388	-14.8#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	58.288	-16.6	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	58.725	-17.5	97	0.00
55	T	1,1,2-Trichloroethane	50.000	61.096	-22.2	100	0.00
56	T	Ethyl methacrylate	50.000	58.794	-17.6	93	0.00
57	T	1,3-Dichloropropane	50.000	60.085	-20.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	267.489	-7.0	92	0.00
59	T	2-Hexanone	250.000	291.873	-16.7	94	0.00
60	T	Dibromochloromethane	50.000	64.618	-29.2#	106	0.00
61	T	1,2-Dibromoethane	50.000	59.845	-19.7	96	0.00
62	S	4-Bromofluorobenzene	50.000	57.996	-16.0	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	60.244	-20.5	101	0.00
65	PM	Chlorobenzene	50.000	59.870	-19.7	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	63.295	-26.6#	105	0.00
67	C	Ethyl Benzene	50.000	59.370	-18.7#	98	0.00
68	T	m/p-Xylenes	100.000	121.783	-21.8	100	0.00
69	T	o-Xylene	50.000	60.297	-20.6	98	0.00
70	T	Styrene	50.000	60.707	-21.4	98	0.00
71	P	Bromoform	50.000	65.660	-31.3#	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	55.647	-11.3	101	0.00
74	T	N-amyl acetate	50.000	53.152	-6.3	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.522	-11.0	100	0.00
76	T	1,2,3-Trichloropropane	50.000	59.090	-18.2	105	0.00
77	T	Bromobenzene	50.000	55.924	-11.8	100	0.00
78	T	n-propylbenzene	50.000	56.473	-12.9	103	0.00
79	T	2-Chlorotoluene	50.000	55.636	-11.3	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.004	-12.0	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.227	-18.5	102	0.00
82	T	4-Chlorotoluene	50.000	54.214	-8.4	97	0.00
83	T	tert-Butylbenzene	50.000	57.960	-15.9	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.658	-11.3	99	0.00
85	T	sec-Butylbenzene	50.000	58.034	-16.1	106	0.00
86	T	p-Isopropyltoluene	50.000	57.628	-15.3	104	0.00
87	T	1,3-Dichlorobenzene	50.000	57.359	-14.7	103	0.00
88	T	1,4-Dichlorobenzene	50.000	58.117	-16.2	106	0.00
89	T	n-Butylbenzene	50.000	56.645	-13.3	103	0.00
90	T	Hexachloroethane	50.000	60.206	-20.4	107	0.00
91	T	1,2-Dichlorobenzene	50.000	57.377	-14.8	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.009	-8.0	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.811	-15.6	105	0.00
94	T	Hexachlorobutadiene	50.000	58.849	-17.7	108	0.00
95	T	Naphthalene	50.000	56.162	-12.3	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.647	-15.3	105	0.00

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