Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
Data File : VD075146.D
Acq On : 20 Jan 2023 11:13
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 23 00:24:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	51.921	-3.8	114	0.00
3	P	Chloromethane	50.000	45.829	8.3	100	0.00
4	C	Vinyl Chloride	50.000	46.889	6.2#	102	0.00
5	T	Bromomethane	50.000	47.332	5.3	102	0.00
6	T	Chloroethane	50.000	49.003	2.0	103	0.00
7	T	Trichlorofluoromethane	50.000	51.560	-3.1	110	0.00
8	T	Diethyl Ether	50.000	51.437	-2.9	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.190	-6.4	116	0.00
10	T	Methyl Iodide	50.000	50.400	-0.8	95	0.00
11	T	Tert butyl alcohol	250.000	230.745	7.7	102	0.00
12	CM	1,1-Dichloroethene	50.000	52.094	-4.2#	109	0.00
13	T	Acrolein	250.000	232.711	6.9	97	0.00
14	T	Allyl chloride	50.000	51.923	-3.8	103	0.00
15	T	Acrylonitrile	250.000	265.190	-6.1	101	0.00
16	T	Acetone	250.000	300.426	-20.2	104	0.00
17	T	Carbon Disulfide	50.000	52.144	-4.3	109	0.00
18	T	Methyl Acetate	50.000	50.562	-1.1	99	0.00
19	T	Methyl tert-butyl Ether	50.000	51.202	-2.4	98	0.00
20	T	Methylene Chloride	50.000	49.014	2.0	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.191	-4.4	105	0.00
22	T	Diisopropyl ether	50.000	52.073	-4.1	102	0.00
23	T	Vinyl Acetate	250.000	283.562	-13.4	113	0.00
24	P	1,1-Dichloroethane	50.000	53.001	-6.0	107	0.00
25	T	2-Butanone	250.000	281.484	-12.6	104	0.00
26	T	2,2-Dichloropropane	50.000	49.606	0.8	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.726	-3.5	102	0.00
28	T	Bromochloromethane	50.000	48.657	2.7	100	0.00
29	T	Tetrahydrofuran	250.000	260.458	-4.2	98	0.00
30	C	Chloroform	50.000	51.262	-2.5#	102	0.00
31	T	Cyclohexane	50.000	51.065	-2.1	115	0.00
32	T	1,1,1-Trichloroethane	50.000	52.718	-5.4	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.780	0.4	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	51.579	-3.2	98	0.00
36	T	1,1-Dichloropropene	50.000	53.077	-6.2	110	0.00
37	T	Ethyl Acetate	50.000	51.275	-2.5	100	0.00
38	T	Carbon Tetrachloride	50.000	54.929	-9.9	112	0.00
39	T	Methylcyclohexane	50.000	55.001	-10.0	117	0.00
40	TM	Benzene	50.000	52.470	-4.9	103	0.00
41	T	Methacrylonitrile	50.000	49.814	0.4	104	0.00
42	TM	1,2-Dichloroethane	50.000	53.151	-6.3	102	0.00
43	T	Isopropyl Acetate	50.000	52.284	-4.6	101	0.00
44	TM	Trichloroethene	50.000	51.570	-3.1	102	0.00
45	C	1,2-Dichloropropane	50.000	53.710	-7.4#	105	0.00
46	T	Dibromomethane	50.000	51.810	-3.6	99	0.00
47	T	Bromodichloromethane	50.000	53.010	-6.0	101	0.00
48	T	Methyl methacrylate	50.000	50.479	-1.0	100	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	1054.529	-5.5	103	0.00
50	S	Toluene-d8	50.000	51.734	-3.5	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.368	-6.1	103	0.00
52	CM	Toluene	50.000	52.698	-5.4#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	52.260	-4.5	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.413	-6.8	100	0.00
55	T	1,1,2-Trichloroethane	50.000	52.365	-4.7	99	0.00
56	T	Ethyl methacrylate	50.000	53.300	-6.6	99	0.00
57	T	1,3-Dichloropropane	50.000	52.472	-4.9	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.772	-10.3	113	0.00
59	T	2-Hexanone	250.000	286.719	-14.7	107	0.00
60	T	Dibromochloromethane	50.000	52.394	-4.8	98	0.00
61	T	1,2-Dibromoethane	50.000	51.291	-2.6	98	0.00
62	S	4-Bromofluorobenzene	50.000	50.528	-1.1	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	53.350	-6.7	107	0.00
65	PM	Chlorobenzene	50.000	52.223	-4.4	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.782	-7.6	104	0.00
67	C	Ethyl Benzene	50.000	53.838	-7.7#	104	0.00
68	T	m/p-Xylenes	100.000	107.057	-7.1	104	0.00
69	T	o-Xylene	50.000	53.262	-6.5	100	0.00
70	T	Styrene	50.000	52.899	-5.8	100	0.00
71	P	Bromoform	50.000	53.726	-7.5	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	53.145	-6.3	106	0.00
74	T	N-amyl acetate	50.000	50.779	-1.6	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.075	-6.2	101	0.00
76	T	1,2,3-Trichloropropane	50.000	51.859	-3.7	108	0.00
77	T	Bromobenzene	50.000	50.291	-0.6	95	0.00
78	T	n-propylbenzene	50.000	51.979	-4.0	103	0.00
79	T	2-Chlorotoluene	50.000	51.852	-3.7	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.449	-4.9	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.698	-11.4	108	0.00
82	T	4-Chlorotoluene	50.000	51.014	-2.0	100	0.00
83	T	tert-Butylbenzene	50.000	53.985	-8.0	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.643	-5.3	103	0.00
85	T	sec-Butylbenzene	50.000	52.562	-5.1	106	0.00
86	T	p-Isopropyltoluene	50.000	52.533	-5.1	104	0.00
87	T	1,3-Dichlorobenzene	50.000	51.490	-3.0	100	0.00
88	T	1,4-Dichlorobenzene	50.000	51.641	-3.3	100	0.00
89	T	n-Butylbenzene	50.000	52.190	-4.4	104	0.00
90	T	Hexachloroethane	50.000	52.717	-5.4	107	0.00
91	T	1,2-Dichlorobenzene	50.000	51.343	-2.7	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.971	-3.9	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.678	-1.4	97	0.00
94	T	Hexachlorobutadiene	50.000	50.862	-1.7	101	0.00
95	T	Naphthalene	50.000	48.345	3.3	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.442	-0.9	96	0.00

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