Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
Data File : VD078085.D
Acq On : 28 Dec 2023 09:10
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Dec 28 22:21:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 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	109	0.00
2	T	Dichlorodifluoromethane	50.000	45.123	9.8	108	0.00
3	P	Chloromethane	50.000	47.146	5.7	104	0.00
4	C	Vinyl Chloride	50.000	46.799	6.4#	100	0.00
5	T	Bromomethane	50.000	44.233	11.5	103	0.00
6	T	Chloroethane	50.000	48.416	3.2	106	0.00
7	T	Trichlorofluoromethane	50.000	50.434	-0.9	113	0.00
8	T	Diethyl Ether	50.000	52.029	-4.1	119	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.463	-0.9	114	0.00
10	T	Methyl Iodide	50.000	53.458	-6.9	106	0.00
11	T	Tert butyl alcohol	250.000	323.603	-29.4#	124	0.00
12	CM	1,1-Dichloroethene	50.000	50.330	-0.7#	110	0.00
13	T	Acrolein	250.000	145.559	41.8#	83	0.00
14	T	Allyl chloride	50.000	47.704	4.6	110	0.00
15	T	Acrylonitrile	250.000	259.305	-3.7	114	0.00
16	T	Acetone	250.000	348.155	-39.3#	155	0.00
17	T	Carbon Disulfide	50.000	52.651	-5.3	108	0.00
18	T	Methyl Acetate	50.000	57.648	-15.3	119	0.00
19	T	Methyl tert-butyl Ether	50.000	54.025	-8.0	117	0.00
20	T	Methylene Chloride	50.000	54.046	-8.1	113	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.354	-4.7	113	-0.01
22	T	Diisopropyl ether	50.000	52.170	-4.3	112	0.00
23	T	Vinyl Acetate	250.000	256.416	-2.6	113	0.00
24	P	1,1-Dichloroethane	50.000	51.184	-2.4	115	0.00
25	T	2-Butanone	250.000	292.867	-17.1	130	0.00
26	T	2,2-Dichloropropane	50.000	50.865	-1.7	113	-0.01
27	T	cis-1,2-Dichloroethene	50.000	52.009	-4.0	114	0.00
28	T	Bromochloromethane	50.000	44.895	10.2	92	0.00
29	T	Tetrahydrofuran	250.000	259.781	-3.9	120	0.00
30	C	Chloroform	50.000	51.196	-2.4#	112	0.00
31	T	Cyclohexane	50.000	50.378	-0.8	111	0.00
32	T	1,1,1-Trichloroethane	50.000	53.362	-6.7	116	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.179	-2.4	122	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	54.304	-8.6	129	0.00
36	T	1,1-Dichloropropene	50.000	53.853	-7.7	111	0.00
37	T	Ethyl Acetate	50.000	54.297	-8.6	118	0.00
38	T	Carbon Tetrachloride	50.000	54.809	-9.6	116	0.00
39	T	Methylcyclohexane	50.000	54.766	-9.5	114	0.00
40	TM	Benzene	50.000	54.960	-9.9	113	0.00
41	T	Methacrylonitrile	50.000	54.735	-9.5	119	0.00
42	TM	1,2-Dichloroethane	50.000	53.337	-6.7	110	0.00
43	T	Isopropyl Acetate	50.000	54.110	-8.2	115	0.00
44	TM	Trichloroethene	50.000	54.394	-8.8	114	0.00
45	C	1,2-Dichloropropane	50.000	53.939	-7.9#	111	0.00
46	T	Dibromomethane	50.000	55.586	-11.2	113	0.00
47	T	Bromodichloromethane	50.000	54.404	-8.8	116	0.00
48	T	Methyl methacrylate	50.000	54.432	-8.9	113	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1162.757	-16.3	120	0.00
50	S	Toluene-d8	50.000	55.671	-11.3	125	0.00
51	T	4-Methyl-2-Pentanone	250.000	281.057	-12.4	118	0.00
52	CM	Toluene	50.000	56.226	-12.5#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	55.141	-10.3	113	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.786	-9.6	113	0.00
55	T	1,1,2-Trichloroethane	50.000	56.161	-12.3	117	0.00
56	T	Ethyl methacrylate	50.000	57.623	-15.2	117	0.00
57	T	1,3-Dichloropropane	50.000	54.066	-8.1	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	283.357	-13.3	96	0.00
59	T	2-Hexanone	250.000	286.254	-14.5	131	0.00
60	T	Dibromochloromethane	50.000	56.462	-12.9	116	0.00
61	T	1,2-Dibromoethane	50.000	55.752	-11.5	116	0.00
62	S	4-Bromofluorobenzene	50.000	54.439	-8.9	124	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	53.803	-7.6	119	0.00
65	PM	Chlorobenzene	50.000	52.606	-5.2	116	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.348	-4.7	116	0.00
67	C	Ethyl Benzene	50.000	53.070	-6.1#	114	0.00
68	T	m/p-Xylenes	100.000	107.142	-7.1	115	0.00
69	T	o-Xylene	50.000	53.663	-7.3	116	0.00
70	T	Styrene	50.000	55.060	-10.1	114	0.00
71	P	Bromoform	50.000	55.575	-11.2	125	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73	T	Isopropylbenzene	50.000	51.411	-2.8	116	0.00
74	T	N-amyl acetate	50.000	50.704	-1.4	117	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.090	-0.2	116	0.00
76	T	1,2,3-Trichloropropane	50.000	50.979	-2.0	116	0.00
77	T	Bromobenzene	50.000	52.233	-4.5	120	0.00
78	T	n-propylbenzene	50.000	50.608	-1.2	116	0.00
79	T	2-Chlorotoluene	50.000	50.490	-1.0	116	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.791	-3.6	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.754	-1.5	120	0.00
82	T	4-Chlorotoluene	50.000	50.428	-0.9	114	0.00
83	T	tert-Butylbenzene	50.000	51.357	-2.7	117	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.151	-4.3	118	0.00
85	T	sec-Butylbenzene	50.000	52.027	-4.1	118	0.00
86	T	p-Isopropyltoluene	50.000	53.335	-6.7	122	0.00
87	T	1,3-Dichlorobenzene	50.000	51.826	-3.7	118	0.00
88	T	1,4-Dichlorobenzene	50.000	51.922	-3.8	118	0.00
89	T	n-Butylbenzene	50.000	51.789	-3.6	119	0.00
90	T	Hexachloroethane	50.000	52.927	-5.9	122	0.00
91	T	1,2-Dichlorobenzene	50.000	52.100	-4.2	118	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.704	-5.4	121	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.280	-6.6	125	0.00
94	T	Hexachlorobutadiene	50.000	53.063	-6.1	125	0.00
95	T	Naphthalene	50.000	53.593	-7.2	123	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.689	-7.4	124	0.00

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