Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075112.D
Acq On : 10 Jan 2023 18:30
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 11 01:52:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 10 03:36:33 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	91	0.00
2	T	Dichlorodifluoromethane	50.000	46.921	6.2	93	0.00
3	P	Chloromethane	50.000	46.362	7.3	88	0.00
4	C	Vinyl Chloride	50.000	40.948	18.1#	80	0.00
5	T	Bromomethane	50.000	41.266	17.5	81	0.00
6	T	Chloroethane	50.000	43.234	13.5	84	0.00
7	T	Trichlorofluoromethane	50.000	50.263	-0.5	102	0.00
8	T	Diethyl Ether	50.000	56.634	-13.3	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.486	-3.0	102	0.00
10	T	Methyl Iodide	50.000	47.677	4.6	89	0.00
11	T	Tert butyl alcohol	250.000	292.427	-17.0	104	0.01
12	CM	1,1-Dichloroethene	50.000	49.052	1.9#	100	0.00
13	T	Acrolein	250.000	258.479	-3.4	94	0.00
14	T	Allyl chloride	50.000	52.952	-5.9	101	0.00
15	T	Acrylonitrile	250.000	292.766	-17.1	108	0.00
16	T	Acetone	250.000	249.691	0.1	97	0.00
17	T	Carbon Disulfide	50.000	47.969	4.1	92	0.00
18	T	Methyl Acetate	50.000	58.146	-16.3	109	0.00
19	T	Methyl tert-butyl Ether	50.000	58.829	-17.7	109	0.00
20	T	Methylene Chloride	50.000	69.208	-38.4#	110	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.811	-1.6	102	0.00
22	T	Diisopropyl ether	50.000	59.454	-18.9	110	0.00
23	T	Vinyl Acetate	250.000	239.395	4.2	84	0.00
24	P	1,1-Dichloroethane	50.000	56.612	-13.2	110	0.00
25	T	2-Butanone	250.000	269.155	-7.7	103	0.00
26	T	2,2-Dichloropropane	50.000	53.676	-7.4	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.385	-10.8	105	0.00
28	T	Bromochloromethane	50.000	55.743	-11.5	102	0.00
29	T	Tetrahydrofuran	250.000	281.923	-12.8	107	0.00
30	C	Chloroform	50.000	56.559	-13.1#	109	0.00
31	T	Cyclohexane	50.000	56.311	-12.6	104	0.00
32	T	1,1,1-Trichloroethane	50.000	54.599	-9.2	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.432	-8.9	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	50.126	-0.3	104	0.00
36	T	1,1-Dichloropropene	50.000	47.687	4.6	106	0.00
37	T	Ethyl Acetate	50.000	54.150	-8.3	109	0.00
38	T	Carbon Tetrachloride	50.000	49.357	1.3	102	0.00
39	T	Methylcyclohexane	50.000	45.033	9.9	102	0.00
40	TM	Benzene	50.000	49.260	1.5	106	0.00
41	T	Methacrylonitrile	50.000	45.412	9.2	99	0.00
42	TM	1,2-Dichloroethane	50.000	51.035	-2.1	108	0.00
43	T	Isopropyl Acetate	50.000	53.580	-7.2	109	0.00
44	TM	Trichloroethene	50.000	47.835	4.3	105	0.00
45	C	1,2-Dichloropropane	50.000	51.798	-3.6#	110	0.00
46	T	Dibromomethane	50.000	51.915	-3.8	107	0.00
47	T	Bromodichloromethane	50.000	53.694	-7.4	111	0.00
48	T	Methyl methacrylate	50.000	52.121	-4.2	110	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	938.829	6.1	90	0.00
50	S	Toluene-d8	50.000	47.599	4.8	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.878	-7.6	111	0.00
52	CM	Toluene	50.000	49.193	1.6#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	52.739	-5.5	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.110	-4.2	108	0.00
55	T	1,1,2-Trichloroethane	50.000	52.652	-5.3	107	0.00
56	T	Ethyl methacrylate	50.000	54.665	-9.3	113	0.00
57	T	1,3-Dichloropropane	50.000	52.762	-5.5	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.169	-11.3	112	0.00
59	T	2-Hexanone	250.000	256.698	-2.7	105	0.00
60	T	Dibromochloromethane	50.000	52.436	-4.9	108	0.00
61	T	1,2-Dibromoethane	50.000	51.313	-2.6	110	0.00
62	S	4-Bromofluorobenzene	50.000	50.052	-0.1	110	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	43.958	12.1	99	0.00
65	PM	Chlorobenzene	50.000	49.882	0.2	107	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.744	-1.5	105	0.00
67	C	Ethyl Benzene	50.000	49.774	0.5#	108	0.00
68	T	m/p-Xylenes	100.000	98.031	2.0	108	0.00
69	T	o-Xylene	50.000	49.765	0.5	109	0.00
70	T	Styrene	50.000	50.964	-1.9	110	0.00
71	P	Bromoform	50.000	50.085	-0.2	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	49.108	1.8	108	0.00
74	T	N-amyl acetate	50.000	51.894	-3.8	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.695	-7.4	114	0.00
76	T	1,2,3-Trichloropropane	50.000	51.135	-2.3	106	0.00
77	T	Bromobenzene	50.000	50.336	-0.7	109	0.00
78	T	n-propylbenzene	50.000	49.063	1.9	108	0.00
79	T	2-Chlorotoluene	50.000	49.839	0.3	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.835	2.3	109	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.936	2.1	104	0.00
82	T	4-Chlorotoluene	50.000	49.689	0.6	111	0.00
83	T	tert-Butylbenzene	50.000	49.527	0.9	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.176	1.6	108	0.00
85	T	sec-Butylbenzene	50.000	48.762	2.5	107	0.00
86	T	p-Isopropyltoluene	50.000	48.307	3.4	107	0.00
87	T	1,3-Dichlorobenzene	50.000	49.056	1.9	109	0.00
88	T	1,4-Dichlorobenzene	50.000	48.054	3.9	107	0.00
89	T	n-Butylbenzene	50.000	48.632	2.7	108	0.00
90	T	Hexachloroethane	50.000	49.461	1.1	107	0.00
91	T	1,2-Dichlorobenzene	50.000	48.919	2.2	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.658	-5.3	120	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.041	5.9	102	0.00
94	T	Hexachlorobutadiene	50.000	44.154	11.7	95	0.00
95	T	Naphthalene	50.000	121.437	-142.9#	258	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.567	2.9	105	0.00

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