Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
Data File : VD077376.D
Acq On : 23 Oct 2023 10:25
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 09:07:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 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	102	0.00
2	T	Dichlorodifluoromethane	50.000	50.335	-0.7	108	0.00
3	P	Chloromethane	50.000	48.481	3.0	100	0.00
4	C	Vinyl Chloride	50.000	52.091	-4.2#	104	0.00
5	T	Bromomethane	50.000	52.290	-4.6	112	0.00
6	T	Chloroethane	50.000	51.883	-3.8	107	0.00
7	T	Trichlorofluoromethane	50.000	54.160	-8.3	116	0.00
8	T	Diethyl Ether	50.000	44.023	12.0	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.036	9.9	106	0.00
10	T	Methyl Iodide	50.000	40.544	18.9	86	0.00
11	T	Tert butyl alcohol	250.000	247.016	1.2	111	-0.01
12	CM	1,1-Dichloroethene	50.000	42.935	14.1#	99	0.00
13	T	Acrolein	250.000	183.042	26.8#	100	0.00
14	T	Allyl chloride	50.000	48.610	2.8	108	0.00
15	T	Acrylonitrile	250.000	288.591	-15.4	117	0.00
16	T	Acetone	250.000	284.559	-13.8	137	0.00
17	T	Carbon Disulfide	50.000	44.902	10.2	99	0.01
18	T	Methyl Acetate	50.000	53.601	-7.2	122	0.00
19	T	Methyl tert-butyl Ether	50.000	54.794	-9.6	108	0.00
20	T	Methylene Chloride	50.000	50.624	-1.2	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.604	0.8	99	0.00
22	T	Diisopropyl ether	50.000	59.763	-19.5	112	0.00
23	T	Vinyl Acetate	250.000	313.157	-25.3#	138	0.00
24	P	1,1-Dichloroethane	50.000	52.779	-5.6	106	0.00
25	T	2-Butanone	250.000	326.144	-30.5#	131	0.00
26	T	2,2-Dichloropropane	50.000	55.837	-11.7	114	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.704	-13.4	114	0.00
28	T	Bromochloromethane	50.000	56.442	-12.9	118	0.00
29	T	Tetrahydrofuran	250.000	319.279	-27.7#	125	0.00
30	C	Chloroform	50.000	51.057	-2.1#	102	0.00
31	T	Cyclohexane	50.000	50.567	-1.1	108	0.00
32	T	1,1,1-Trichloroethane	50.000	50.320	-0.6	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.692	6.6	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	43.199	13.6	101	0.00
36	T	1,1-Dichloropropene	50.000	50.342	-0.7	106	0.00
37	T	Ethyl Acetate	50.000	62.199	-24.4	145	0.00
38	T	Carbon Tetrachloride	50.000	47.014	6.0	101	0.00
39	T	Methylcyclohexane	50.000	47.108	5.8	99	0.00
40	TM	Benzene	50.000	49.664	0.7	103	0.00
41	T	Methacrylonitrile	50.000	61.671	-23.3	112	0.01
42	TM	1,2-Dichloroethane	50.000	50.583	-1.2	106	0.00
43	T	Isopropyl Acetate	50.000	55.947	-11.9	118	0.00
44	TM	Trichloroethene	50.000	44.574	10.9	94	0.00
45	C	1,2-Dichloropropane	50.000	51.246	-2.5#	106	0.00
46	T	Dibromomethane	50.000	49.241	1.5	103	0.00
47	T	Bromodichloromethane	50.000	49.872	0.3	104	0.00
48	T	Methyl methacrylate	50.000	57.138	-14.3	117	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	1029.969	-3.0	110	0.00
50	S	Toluene-d8	50.000	44.189	11.6	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	307.269	-22.9	124	0.00
52	CM	Toluene	50.000	49.099	1.8#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	50.852	-1.7	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.396	-0.8	103	0.00
55	T	1,1,2-Trichloroethane	50.000	49.961	0.1	104	0.00
56	T	Ethyl methacrylate	50.000	54.332	-8.7	108	0.00
57	T	1,3-Dichloropropane	50.000	51.766	-3.5	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.575	-10.2	112	0.00
59	T	2-Hexanone	250.000	314.721	-25.9#	126	0.00
60	T	Dibromochloromethane	50.000	47.566	4.9	100	0.00
61	T	1,2-Dibromoethane	50.000	49.810	0.4	104	0.00
62	S	4-Bromofluorobenzene	50.000	54.673	-9.3	121	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	44.141	11.7	93	0.00
65	PM	Chlorobenzene	50.000	46.725	6.5	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.455	5.1	99	0.00
67	C	Ethyl Benzene	50.000	49.563	0.9#	99	0.00
68	T	m/p-Xylenes	100.000	99.025	1.0	99	0.00
69	T	o-Xylene	50.000	49.524	1.0	98	0.00
70	T	Styrene	50.000	51.220	-2.4	99	0.00
71	P	Bromoform	50.000	49.452	1.1	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	55.505	-11.0	112	0.00
74	T	N-amyl acetate	50.000	56.409	-12.8	118	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	58.482	-17.0	125	0.00
76	T	1,2,3-Trichloropropane	50.000	65.787	-31.6#	139	0.00
77	T	Bromobenzene	50.000	52.721	-5.4	109	0.00
78	T	n-propylbenzene	50.000	70.419	-40.8#	142	0.00
79	T	2-Chlorotoluene	50.000	65.716	-31.4#	136	0.00
80	T	1,3,5-Trimethylbenzene	50.000	62.665	-25.3#	126	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.588	-19.2	122	0.00
82	T	4-Chlorotoluene	50.000	55.208	-10.4	114	0.00
83	T	tert-Butylbenzene	50.000	50.990	-2.0	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.912	-1.8	101	0.00
85	T	sec-Butylbenzene	50.000	49.984	0.0	102	0.00
86	T	p-Isopropyltoluene	50.000	48.112	3.8	98	0.00
87	T	1,3-Dichlorobenzene	50.000	46.122	7.8	96	0.00
88	T	1,4-Dichlorobenzene	50.000	45.487	9.0	97	0.00
89	T	n-Butylbenzene	50.000	50.169	-0.3	103	0.00
90	T	Hexachloroethane	50.000	48.148	3.7	101	0.00
91	T	1,2-Dichlorobenzene	50.000	46.800	6.4	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.761	-15.5	112	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.644	12.7	92	0.00
94	T	Hexachlorobutadiene	50.000	41.319	17.4	90	0.00
95	T	Naphthalene	50.000	48.312	3.4	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.272	11.5	92	0.00

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