Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
Data File : VD077160.D
Acq On : 20 Sep 2023 10:02
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: Sep 21 02:21:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 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	46.689	6.6	100	0.00
3	P	Chloromethane	50.000	49.404	1.2	112	0.00
4	C	Vinyl Chloride	50.000	51.007	-2.0#	107	0.00
5	T	Bromomethane	50.000	54.001	-8.0	128	0.00
6	T	Chloroethane	50.000	56.169	-12.3	128	0.00
7	T	Trichlorofluoromethane	50.000	55.436	-10.9	125	0.00
8	T	Diethyl Ether	50.000	51.449	-2.9	111	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.104	-4.2	104	0.00
10	T	Methyl Iodide	50.000	49.847	0.3	98	0.00
11	T	Tert butyl alcohol	250.000	277.424	-11.0	119	0.00
12	CM	1,1-Dichloroethene	50.000	50.051	-0.1#	102	0.00
13	T	Acrolein	250.000	259.293	-3.7	108	0.00
14	T	Allyl chloride	50.000	51.941	-3.9	102	0.00
15	T	Acrylonitrile	250.000	273.579	-9.4	113	0.00
16	T	Acetone	250.000	295.960	-18.4	112	0.00
17	T	Carbon Disulfide	50.000	48.586	2.8	100	0.00
18	T	Methyl Acetate	50.000	54.271	-8.5	113	0.00
19	T	Methyl tert-butyl Ether	50.000	54.805	-9.6	111	0.00
20	T	Methylene Chloride	50.000	53.493	-7.0	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.975	-2.0	103	0.00
22	T	Diisopropyl ether	50.000	52.648	-5.3	104	0.00
23	T	Vinyl Acetate	250.000	275.509	-10.2	111	0.00
24	P	1,1-Dichloroethane	50.000	49.523	1.0	103	0.00
25	T	2-Butanone	250.000	288.841	-15.5	116	0.00
26	T	2,2-Dichloropropane	50.000	53.164	-6.3	109	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.805	-1.6	104	0.00
28	T	Bromochloromethane	50.000	51.287	-2.6	103	0.00
29	T	Tetrahydrofuran	250.000	280.069	-12.0	115	0.00
30	C	Chloroform	50.000	50.421	-0.8#	103	0.00
31	T	Cyclohexane	50.000	50.659	-1.3	102	0.00
32	T	1,1,1-Trichloroethane	50.000	51.901	-3.8	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.351	1.3	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	52.527	-5.1	94	0.00
36	T	1,1-Dichloropropene	50.000	55.035	-10.1	104	0.00
37	T	Ethyl Acetate	50.000	56.416	-12.8	113	0.00
38	T	Carbon Tetrachloride	50.000	56.355	-12.7	105	0.00
39	T	Methylcyclohexane	50.000	55.132	-10.3	98	0.00
40	TM	Benzene	50.000	53.695	-7.4	102	0.00
41	T	Methacrylonitrile	50.000	51.780	-3.6	103	0.00
42	TM	1,2-Dichloroethane	50.000	54.051	-8.1	105	0.00
43	T	Isopropyl Acetate	50.000	57.840	-15.7	114	0.00
44	TM	Trichloroethene	50.000	52.805	-5.6	104	0.00
45	C	1,2-Dichloropropane	50.000	53.672	-7.3#	104	0.00
46	T	Dibromomethane	50.000	55.031	-10.1	107	0.00
47	T	Bromodichloromethane	50.000	54.303	-8.6	106	0.00
48	T	Methyl methacrylate	50.000	58.657	-17.3	111	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	1307.231	-30.7#	125	0.00
50	S	Toluene-d8	50.000	54.387	-8.8	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	292.520	-17.0	116	0.00
52	CM	Toluene	50.000	55.420	-10.8#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	55.296	-10.6	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.902	-7.8	103	0.00
55	T	1,1,2-Trichloroethane	50.000	56.011	-12.0	109	0.00
56	T	Ethyl methacrylate	50.000	59.316	-18.6	111	0.00
57	T	1,3-Dichloropropane	50.000	56.038	-12.1	107	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.750	-1.9	93	0.00
59	T	2-Hexanone	250.000	308.462	-23.4	120	0.00
60	T	Dibromochloromethane	50.000	55.600	-11.2	106	0.00
61	T	1,2-Dibromoethane	50.000	55.175	-10.3	110	0.00
62	S	4-Bromofluorobenzene	50.000	53.104	-6.2	95	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	52.651	-5.3	101	0.00
65	PM	Chlorobenzene	50.000	52.441	-4.9	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.549	-7.1	105	0.00
67	C	Ethyl Benzene	50.000	54.399	-8.8#	103	0.00
68	T	m/p-Xylenes	100.000	110.199	-10.2	103	0.00
69	T	o-Xylene	50.000	54.881	-9.8	103	0.00
70	T	Styrene	50.000	57.003	-14.0	105	0.00
71	P	Bromoform	50.000	54.405	-8.8	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	55.425	-10.8	104	0.00
74	T	N-amyl acetate	50.000	58.306	-16.6	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.754	-13.5	116	0.00
76	T	1,2,3-Trichloropropane	50.000	49.775	0.5	101	0.00
77	T	Bromobenzene	50.000	53.511	-7.0	103	0.00
78	T	n-propylbenzene	50.000	56.050	-12.1	104	0.00
79	T	2-Chlorotoluene	50.000	54.346	-8.7	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.931	-11.9	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.821	-15.6	114	0.00
82	T	4-Chlorotoluene	50.000	54.766	-9.5	101	0.00
83	T	tert-Butylbenzene	50.000	55.848	-11.7	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.207	-10.4	103	0.00
85	T	sec-Butylbenzene	50.000	55.430	-10.9	101	0.00
86	T	p-Isopropyltoluene	50.000	55.411	-10.8	101	0.00
87	T	1,3-Dichlorobenzene	50.000	53.438	-6.9	102	0.00
88	T	1,4-Dichlorobenzene	50.000	53.018	-6.0	103	0.00
89	T	n-Butylbenzene	50.000	54.661	-9.3	101	0.00
90	T	Hexachloroethane	50.000	52.912	-5.8	103	0.00
91	T	1,2-Dichlorobenzene	50.000	53.552	-7.1	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	58.627	-17.3	116	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.006	-10.0	105	0.00
94	T	Hexachlorobutadiene	50.000	49.894	0.2	95	0.00
95	T	Naphthalene	50.000	57.183	-14.4	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.867	-7.7	101	0.00

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