Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
Data File : VD077141.D
Acq On : 18 Sep 2023 20:31
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 19 05:00:48 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	147	0.00
2	T	Dichlorodifluoromethane	50.000	47.350	5.3	156	0.00
3	P	Chloromethane	50.000	37.948	24.1	132	0.00
4	C	Vinyl Chloride	50.000	43.392	13.2#	140	0.00
5	T	Bromomethane	50.000	48.645	2.7	176	0.00
6	T	Chloroethane	50.000	50.951	-1.9	178	0.00
7	T	Trichlorofluoromethane	50.000	59.073	-18.1	203	0.00
8	T	Diethyl Ether	50.000	54.511	-9.0	180	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.308	-0.6	153	0.00
10	T	Methyl Iodide	50.000	56.449	-12.9	170	0.00
11	T	Tert butyl alcohol	250.000	280.647	-12.3	184	0.00
12	CM	1,1-Dichloroethene	50.000	51.839	-3.7#	162	0.00
13	T	Acrolein	250.000	245.210	1.9	157	0.00
14	T	Allyl chloride	50.000	54.101	-8.2	162	0.00
15	T	Acrylonitrile	250.000	270.279	-8.1	171	0.01
16	T	Acetone	250.000	250.004	-0.0	145	0.00
17	T	Carbon Disulfide	50.000	49.206	1.6	155	0.00
18	T	Methyl Acetate	50.000	53.504	-7.0	170	0.00
19	T	Methyl tert-butyl Ether	50.000	57.384	-14.8	178	0.00
20	T	Methylene Chloride	50.000	56.993	-14.0	174	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.565	-3.1	159	0.00
22	T	Diisopropyl ether	50.000	54.803	-9.6	166	0.00
23	T	Vinyl Acetate	250.000	272.535	-9.0	168	0.00
24	P	1,1-Dichloroethane	50.000	51.279	-2.6	164	0.00
25	T	2-Butanone	250.000	266.118	-6.4	164	0.00
26	T	2,2-Dichloropropane	50.000	49.330	1.3	155	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.666	-5.3	165	0.00
28	T	Bromochloromethane	50.000	46.631	6.7	143	0.00
29	T	Tetrahydrofuran	250.000	274.411	-9.8	173	0.00
30	C	Chloroform	50.000	51.813	-3.6#	162	0.00
31	T	Cyclohexane	50.000	50.963	-1.9	157	0.00
32	T	1,1,1-Trichloroethane	50.000	52.175	-4.3	161	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.418	1.2	151	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	153	0.00
35	S	Dibromofluoromethane	50.000	48.348	3.3	143	0.00
36	T	1,1-Dichloropropene	50.000	51.466	-2.9	160	0.00
37	T	Ethyl Acetate	50.000	54.944	-9.9	181	0.00
38	T	Carbon Tetrachloride	50.000	48.436	3.1	148	0.00
39	T	Methylcyclohexane	50.000	52.835	-5.7	155	0.00
40	TM	Benzene	50.000	51.034	-2.1	160	0.00
41	T	Methacrylonitrile	50.000	54.121	-8.2	177	0.00
42	TM	1,2-Dichloroethane	50.000	51.518	-3.0	164	0.00
43	T	Isopropyl Acetate	50.000	53.548	-7.1	173	0.00
44	TM	Trichloroethene	50.000	51.367	-2.7	166	0.00
45	C	1,2-Dichloropropane	50.000	51.173	-2.3#	163	0.00
46	T	Dibromomethane	50.000	51.162	-2.3	164	0.00
47	T	Bromodichloromethane	50.000	51.261	-2.5	165	0.00
48	T	Methyl methacrylate	50.000	56.963	-13.9	177	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	1107.418	-10.7	174	0.00
50	S	Toluene-d8	50.000	50.085	-0.2	143	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.516	-7.4	174	0.00
52	CM	Toluene	50.000	51.664	-3.3#	160	0.00
53	T	t-1,3-Dichloropropene	50.000	52.136	-4.3	165	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.246	-4.5	164	0.00
55	T	1,1,2-Trichloroethane	50.000	51.013	-2.0	163	0.00
56	T	Ethyl methacrylate	50.000	57.724	-15.4	177	0.00
57	T	1,3-Dichloropropane	50.000	52.428	-4.9	165	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	233.220	6.7	138	0.00
59	T	2-Hexanone	250.000	264.953	-6.0	170	0.00
60	T	Dibromochloromethane	50.000	50.407	-0.8	158	0.00
61	T	1,2-Dibromoethane	50.000	50.897	-1.8	166	0.00
62	S	4-Bromofluorobenzene	50.000	50.811	-1.6	149	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	149	0.00
64	T	Tetrachloroethene	50.000	55.109	-10.2	167	0.00
65	PM	Chlorobenzene	50.000	52.210	-4.4	163	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.071	-2.1	159	0.00
67	C	Ethyl Benzene	50.000	53.282	-6.6#	160	0.00
68	T	m/p-Xylenes	100.000	105.701	-5.7	156	0.00
69	T	o-Xylene	50.000	53.653	-7.3	160	0.00
70	T	Styrene	50.000	56.103	-12.2	164	0.00
71	P	Bromoform	50.000	51.055	-2.1	159	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	141	0.00
73	T	Isopropylbenzene	50.000	56.870	-13.7	161	0.00
74	T	N-amyl acetate	50.000	58.690	-17.4	171	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.848	-7.7	167	0.00
76	T	1,2,3-Trichloropropane	50.000	49.478	1.0	153	0.00
77	T	Bromobenzene	50.000	57.630	-15.3	168	0.00
78	T	n-propylbenzene	50.000	55.923	-11.8	158	0.00
79	T	2-Chlorotoluene	50.000	55.564	-11.1	160	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.003	-12.0	157	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.651	-13.3	170	0.00
82	T	4-Chlorotoluene	50.000	55.187	-10.4	155	0.00
83	T	tert-Butylbenzene	50.000	56.286	-12.6	156	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.460	-10.9	156	0.00
85	T	sec-Butylbenzene	50.000	55.528	-11.1	154	0.00
86	T	p-Isopropyltoluene	50.000	55.231	-10.5	153	0.00
87	T	1,3-Dichlorobenzene	50.000	51.747	-3.5	150	0.00
88	T	1,4-Dichlorobenzene	50.000	51.475	-3.0	151	0.00
89	T	n-Butylbenzene	50.000	54.385	-8.8	152	0.00
90	T	Hexachloroethane	50.000	49.226	1.5	145	0.00
91	T	1,2-Dichlorobenzene	50.000	52.112	-4.2	153	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.752	-19.5	179	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.010	-10.0	159	0.00
94	T	Hexachlorobutadiene	50.000	51.337	-2.7	147	0.00
95	T	Naphthalene	50.000	58.683	-17.4	170	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.166	-8.3	154	0.00

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