Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
Data File : VY013337.D
Acq On : 19 Apr 2023 10:42
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 20 06:54:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 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	108	0.00
2	T	Dichlorodifluoromethane	50.000	43.111	13.8	96	0.00
3	P	Chloromethane	50.000	42.923	14.2	97	0.00
4	C	Vinyl Chloride	50.000	48.567	2.9#	109	0.00
5	T	Bromomethane	50.000	39.273	21.5	91	0.00
6	T	Chloroethane	50.000	40.934	18.1	94	0.00
7	T	Trichlorofluoromethane	50.000	52.422	-4.8	119	0.00
8	T	Diethyl Ether	50.000	52.746	-5.5	119	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.174	-6.3	119	0.00
10	T	Methyl Iodide	50.000	57.686	-15.4	120	0.00
11	T	Tert butyl alcohol	250.000	322.166	-28.9#	128	0.01
12	CM	1,1-Dichloroethene	50.000	53.430	-6.9#	118	0.00
13	T	Acrolein	250.000	362.749	-45.1#	158	0.00
14	T	Allyl chloride	50.000	49.466	1.1	109	0.00
15	T	Acrylonitrile	250.000	279.210	-11.7	118	0.00
16	T	Acetone	250.000	298.176	-19.3	125	0.00
17	T	Carbon Disulfide	50.000	46.808	6.4	104	0.00
18	T	Methyl Acetate	50.000	57.192	-14.4	121	0.01
19	T	Methyl tert-butyl Ether	50.000	53.509	-7.0	114	0.00
20	T	Methylene Chloride	50.000	58.770	-17.5	129	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.720	0.6	109	0.00
22	T	Diisopropyl ether	50.000	45.311	9.4	97	0.00
23	T	Vinyl Acetate	250.000	238.602	4.6	99	0.01
24	P	1,1-Dichloroethane	50.000	50.256	-0.5	112	0.00
25	T	2-Butanone	250.000	276.093	-10.4	115	0.00
26	T	2,2-Dichloropropane	50.000	48.841	2.3	111	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.046	-4.1	113	0.01
28	T	Bromochloromethane	50.000	44.675	10.7	97	0.00
29	T	Tetrahydrofuran	250.000	261.155	-4.5	105	0.00
30	C	Chloroform	50.000	50.744	-1.5#	115	0.00
31	T	Cyclohexane	50.000	44.233	11.5	101	0.00
32	T	1,1,1-Trichloroethane	50.000	51.563	-3.1	117	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.536	6.9	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	55.616	-11.2	113	0.00
36	T	1,1-Dichloropropene	50.000	52.580	-5.2	108	0.00
37	T	Ethyl Acetate	50.000	48.577	2.8	94	0.00
38	T	Carbon Tetrachloride	50.000	55.036	-10.1	115	0.00
39	T	Methylcyclohexane	50.000	52.458	-4.9	104	0.00
40	TM	Benzene	50.000	51.643	-3.3	106	0.00
41	T	Methacrylonitrile	50.000	65.036	-30.1#	129	0.00
42	TM	1,2-Dichloroethane	50.000	51.457	-2.9	105	0.00
43	T	Isopropyl Acetate	50.000	51.698	-3.4	101	0.00
44	TM	Trichloroethene	50.000	56.022	-12.0	117	0.00
45	C	1,2-Dichloropropane	50.000	50.798	-1.6#	104	0.01
46	T	Dibromomethane	50.000	53.611	-7.2	108	0.00
47	T	Bromodichloromethane	50.000	53.719	-7.4	112	0.00
48	T	Methyl methacrylate	50.000	51.637	-3.3	98	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1312.695	-31.3#	129	0.00
50	S	Toluene-d8	50.000	50.349	-0.7	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.905	-8.0	103	0.00
52	CM	Toluene	50.000	52.911	-5.8#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	54.108	-8.2	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.517	-7.0	108	0.00
55	T	1,1,2-Trichloroethane	50.000	55.708	-11.4	115	0.00
56	T	Ethyl methacrylate	50.000	57.780	-15.6	109	0.00
57	T	1,3-Dichloropropane	50.000	53.841	-7.7	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.723	-1.1	102	0.00
59	T	2-Hexanone	250.000	284.516	-13.8	106	0.00
60	T	Dibromochloromethane	50.000	56.427	-12.9	115	0.00
61	T	1,2-Dibromoethane	50.000	56.896	-13.8	113	0.00
62	S	4-Bromofluorobenzene	50.000	52.993	-6.0	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	57.373	-14.7	117	0.00
65	PM	Chlorobenzene	50.000	53.515	-7.0	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.859	-13.7	114	0.00
67	C	Ethyl Benzene	50.000	53.996	-8.0#	107	0.00
68	T	m/p-Xylenes	100.000	111.413	-11.4	111	0.00
69	T	o-Xylene	50.000	56.210	-12.4	111	0.00
70	T	Styrene	50.000	56.433	-12.9	109	0.00
71	P	Bromoform	50.000	59.762	-19.5	117	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	54.645	-9.3	111	0.00
74	T	N-amyl acetate	50.000	50.504	-1.0	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.667	-7.3	110	0.00
76	T	1,2,3-Trichloropropane	50.000	46.734	6.5	96	0.00
77	T	Bromobenzene	50.000	55.583	-11.2	114	0.00
78	T	n-propylbenzene	50.000	53.346	-6.7	108	0.00
79	T	2-Chlorotoluene	50.000	53.084	-6.2	108	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.101	-10.2	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.308	-12.6	112	0.00
82	T	4-Chlorotoluene	50.000	52.142	-4.3	107	0.00
83	T	tert-Butylbenzene	50.000	55.084	-10.2	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.855	-11.7	112	0.00
85	T	sec-Butylbenzene	50.000	54.570	-9.1	111	0.00
86	T	p-Isopropyltoluene	50.000	55.626	-11.3	112	0.00
87	T	1,3-Dichlorobenzene	50.000	54.983	-10.0	115	0.00
88	T	1,4-Dichlorobenzene	50.000	53.936	-7.9	113	0.00
89	T	n-Butylbenzene	50.000	53.858	-7.7	109	0.00
90	T	Hexachloroethane	50.000	52.896	-5.8	113	0.00
91	T	1,2-Dichlorobenzene	50.000	54.538	-9.1	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	58.114	-16.2	116	0.00
93	T	1,2,4-Trichlorobenzene	50.000	60.225	-20.5	122	0.00
94	T	Hexachlorobutadiene	50.000	59.866	-19.7	126	0.00
95	T	Naphthalene	50.000	57.254	-14.5	125	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	61.682	-23.4	126	0.00

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