Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
Data File : VY013614.D
Acq On : 05 May 2023 10:14
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 08 00:22:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	51.287	-2.6	102	0.00
3	P	Chloromethane	50.000	42.283	15.4	89	0.00
4	C	Vinyl Chloride	50.000	43.221	13.6#	91	0.00
5	T	Bromomethane	50.000	40.816	18.4	90	0.00
6	T	Chloroethane	50.000	41.486	17.0	90	0.00
7	T	Trichlorofluoromethane	50.000	49.688	0.6	103	0.00
8	T	Diethyl Ether	50.000	46.955	6.1	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.569	2.9	103	0.00
10	T	Methyl Iodide	50.000	44.239	11.5	84	0.00
11	T	Tert butyl alcohol	250.000	235.451	5.8	104	0.00
12	CM	1,1-Dichloroethene	50.000	46.264	7.5#	94	0.00
13	T	Acrolein	250.000	191.410	23.4	85	0.00
14	T	Allyl chloride	50.000	44.920	10.2	90	0.00
15	T	Acrylonitrile	250.000	257.650	-3.1	102	0.00
16	T	Acetone	250.000	254.680	-1.9	95	0.00
17	T	Carbon Disulfide	50.000	42.376	15.2	85	0.00
18	T	Methyl Acetate	50.000	48.832	2.3	99	0.00
19	T	Methyl tert-butyl Ether	50.000	50.443	-0.9	100	0.00
20	T	Methylene Chloride	50.000	45.658	8.7	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.242	3.5	97	0.00
22	T	Diisopropyl ether	50.000	49.839	0.3	100	0.00
23	T	Vinyl Acetate	250.000	278.203	-11.3	108	0.00
24	P	1,1-Dichloroethane	50.000	48.420	3.2	99	0.00
25	T	2-Butanone	250.000	257.491	-3.0	101	0.00
26	T	2,2-Dichloropropane	50.000	51.085	-2.2	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.323	-0.6	102	0.00
28	T	Bromochloromethane	50.000	49.765	0.5	103	0.00
29	T	Tetrahydrofuran	250.000	254.456	-1.8	100	0.00
30	C	Chloroform	50.000	52.669	-5.3#	109	0.00
31	T	Cyclohexane	50.000	43.663	12.7	93	0.00
32	T	1,1,1-Trichloroethane	50.000	52.092	-4.2	106	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.839	-3.7	112	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	53.940	-7.9	113	0.00
36	T	1,1-Dichloropropene	50.000	50.810	-1.6	100	0.00
37	T	Ethyl Acetate	50.000	52.147	-4.3	98	0.00
38	T	Carbon Tetrachloride	50.000	55.357	-10.7	108	0.00
39	T	Methylcyclohexane	50.000	50.116	-0.2	97	0.00
40	TM	Benzene	50.000	52.454	-4.9	102	0.00
41	T	Methacrylonitrile	50.000	61.170	-22.3	117	0.02
42	TM	1,2-Dichloroethane	50.000	55.423	-10.8	107	0.00
43	T	Isopropyl Acetate	50.000	51.834	-3.7	99	0.00
44	TM	Trichloroethene	50.000	51.225	-2.5	100	0.00
45	C	1,2-Dichloropropane	50.000	52.242	-4.5#	102	0.00
46	T	Dibromomethane	50.000	53.171	-6.3	103	0.00
47	T	Bromodichloromethane	50.000	56.150	-12.3	109	0.00
48	T	Methyl methacrylate	50.000	52.528	-5.1	97	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	1089.522	-9.0	102	0.00
50	S	Toluene-d8	50.000	51.258	-2.5	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.442	-11.0	104	0.00
52	CM	Toluene	50.000	54.415	-8.8#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	54.723	-9.4	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.752	-5.5	102	0.00
55	T	1,1,2-Trichloroethane	50.000	55.552	-11.1	108	0.00
56	T	Ethyl methacrylate	50.000	56.228	-12.5	103	0.00
57	T	1,3-Dichloropropane	50.000	54.530	-9.1	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	264.203	-5.7	111	0.00
59	T	2-Hexanone	250.000	283.825	-13.5	103	0.00
60	T	Dibromochloromethane	50.000	56.535	-13.1	108	0.00
61	T	1,2-Dibromoethane	50.000	53.547	-7.1	102	0.00
62	S	4-Bromofluorobenzene	50.000	55.486	-11.0	117	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	51.398	-2.8	106	0.00
65	PM	Chlorobenzene	50.000	51.858	-3.7	107	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.625	-9.3	113	0.00
67	C	Ethyl Benzene	50.000	53.458	-6.9#	108	0.00
68	T	m/p-Xylenes	100.000	106.640	-6.6	108	0.00
69	T	o-Xylene	50.000	53.041	-6.1	106	0.00
70	T	Styrene	50.000	55.125	-10.3	110	0.00
71	P	Bromoform	50.000	56.077	-12.2	114	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73	T	Isopropylbenzene	50.000	50.466	-0.9	108	0.00
74	T	N-amyl acetate	50.000	48.859	2.3	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.868	0.3	107	0.00
76	T	1,2,3-Trichloropropane	50.000	53.023	-6.0	112	0.00
77	T	Bromobenzene	50.000	52.185	-4.4	112	0.00
78	T	n-propylbenzene	50.000	51.276	-2.6	110	0.00
79	T	2-Chlorotoluene	50.000	50.784	-1.6	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.229	-4.5	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.546	0.9	102	0.00
82	T	4-Chlorotoluene	50.000	51.187	-2.4	110	0.00
83	T	tert-Butylbenzene	50.000	51.614	-3.2	110	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.970	-5.9	112	0.00
85	T	sec-Butylbenzene	50.000	50.819	-1.6	109	0.00
86	T	p-Isopropyltoluene	50.000	53.014	-6.0	114	0.00
87	T	1,3-Dichlorobenzene	50.000	51.996	-4.0	113	0.00
88	T	1,4-Dichlorobenzene	50.000	50.708	-1.4	112	0.00
89	T	n-Butylbenzene	50.000	50.867	-1.7	110	0.00
90	T	Hexachloroethane	50.000	49.297	1.4	110	0.00
91	T	1,2-Dichlorobenzene	50.000	52.366	-4.7	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.944	-1.9	112	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.943	-7.9	118	0.00
94	T	Hexachlorobutadiene	50.000	56.189	-12.4	127	0.00
95	T	Naphthalene	50.000	53.160	-6.3	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.131	-10.3	119	0.00

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