Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
Data File : VY013725.D
Acq On : 15 May 2023 10:03
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 15 15:37:26 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	50.945	-1.9	96	0.00
3	P	Chloromethane	50.000	46.614	6.8	92	0.00
4	C	Vinyl Chloride	50.000	47.547	4.9#	94	0.00
5	T	Bromomethane	50.000	44.276	11.4	92	0.00
6	T	Chloroethane	50.000	43.676	12.6	89	0.00
7	T	Trichlorofluoromethane	50.000	53.580	-7.2	105	0.00
8	T	Diethyl Ether	50.000	49.780	0.4	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.808	-7.6	107	0.00
10	T	Methyl Iodide	50.000	49.607	0.8	88	0.00
11	T	Tert butyl alcohol	250.000	214.202	14.3	89	-0.01
12	CM	1,1-Dichloroethene	50.000	50.792	-1.6#	97	0.00
13	T	Acrolein	250.000	140.957	43.6#	60	0.00
14	T	Allyl chloride	50.000	51.151	-2.3	97	0.00
15	T	Acrylonitrile	250.000	240.725	3.7	90	0.00
16	T	Acetone	250.000	282.811	-13.1	100	0.00
17	T	Carbon Disulfide	50.000	44.396	11.2	84	0.00
18	T	Methyl Acetate	50.000	48.173	3.7	92	0.00
19	T	Methyl tert-butyl Ether	50.000	50.933	-1.9	95	0.00
20	T	Methylene Chloride	50.000	49.256	1.5	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.930	-1.9	96	0.00
22	T	Diisopropyl ether	50.000	53.549	-7.1	102	0.00
23	T	Vinyl Acetate	250.000	280.133	-12.1	103	0.00
24	P	1,1-Dichloroethane	50.000	53.379	-6.8	103	0.00
25	T	2-Butanone	250.000	258.914	-3.6	95	0.00
26	T	2,2-Dichloropropane	50.000	55.586	-11.2	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.865	-5.7	102	0.00
28	T	Bromochloromethane	50.000	51.926	-3.9	102	0.00
29	T	Tetrahydrofuran	250.000	225.051	10.0	84	0.00
30	C	Chloroform	50.000	54.572	-9.1#	106	0.00
31	T	Cyclohexane	50.000	47.440	5.1	96	0.00
32	T	1,1,1-Trichloroethane	50.000	54.367	-8.7	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.055	-6.1	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	57.396	-14.8	114	0.00
36	T	1,1-Dichloropropene	50.000	53.126	-6.3	100	0.00
37	T	Ethyl Acetate	50.000	45.033	9.9	80	0.00
38	T	Carbon Tetrachloride	50.000	57.218	-14.4	106	0.00
39	T	Methylcyclohexane	50.000	52.617	-5.2	97	0.00
40	TM	Benzene	50.000	54.173	-8.3	100	0.00
41	T	Methacrylonitrile	50.000	50.171	-0.3	91	0.00
42	TM	1,2-Dichloroethane	50.000	54.547	-9.1	100	0.00
43	T	Isopropyl Acetate	50.000	48.547	2.9	88	0.00
44	TM	Trichloroethene	50.000	53.780	-7.6	100	0.00
45	C	1,2-Dichloropropane	50.000	55.307	-10.6#	103	0.00
46	T	Dibromomethane	50.000	51.220	-2.4	95	0.00
47	T	Bromodichloromethane	50.000	57.128	-14.3	106	0.00
48	T	Methyl methacrylate	50.000	49.604	0.8	87	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	927.309	7.3	83	0.00
50	S	Toluene-d8	50.000	52.533	-5.1	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	247.313	1.1	88	0.00
52	CM	Toluene	50.000	55.361	-10.7#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	54.694	-9.4	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.466	-8.9	100	0.00
55	T	1,1,2-Trichloroethane	50.000	53.537	-7.1	99	0.00
56	T	Ethyl methacrylate	50.000	53.350	-6.7	93	0.00
57	T	1,3-Dichloropropane	50.000	54.356	-8.7	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	233.891	6.4	93	0.00
59	T	2-Hexanone	250.000	260.501	-4.2	90	0.00
60	T	Dibromochloromethane	50.000	54.860	-9.7	99	0.00
61	T	1,2-Dibromoethane	50.000	52.707	-5.4	96	0.00
62	S	4-Bromofluorobenzene	50.000	58.663	-17.3	118	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	53.579	-7.2	101	0.00
65	PM	Chlorobenzene	50.000	54.330	-8.7	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.839	-15.7	110	0.00
67	C	Ethyl Benzene	50.000	56.486	-13.0#	105	0.00
68	T	m/p-Xylenes	100.000	113.801	-13.8	106	0.00
69	T	o-Xylene	50.000	55.416	-10.8	101	0.00
70	T	Styrene	50.000	57.591	-15.2	106	0.00
71	P	Bromoform	50.000	53.962	-7.9	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	54.113	-8.2	107	0.00
74	T	N-amyl acetate	50.000	48.050	3.9	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.469	3.1	96	0.00
76	T	1,2,3-Trichloropropane	50.000	50.235	-0.5	98	0.00
77	T	Bromobenzene	50.000	53.522	-7.0	106	0.00
78	T	n-propylbenzene	50.000	54.353	-8.7	107	0.00
79	T	2-Chlorotoluene	50.000	53.969	-7.9	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.727	-9.5	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.675	4.7	90	0.00
82	T	4-Chlorotoluene	50.000	53.103	-6.2	105	0.00
83	T	tert-Butylbenzene	50.000	55.312	-10.6	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.942	-9.9	107	0.00
85	T	sec-Butylbenzene	50.000	55.025	-10.0	109	0.00
86	T	p-Isopropyltoluene	50.000	55.609	-11.2	110	0.00
87	T	1,3-Dichlorobenzene	50.000	54.051	-8.1	108	0.00
88	T	1,4-Dichlorobenzene	50.000	52.372	-4.7	106	0.00
89	T	n-Butylbenzene	50.000	55.202	-10.4	109	0.00
90	T	Hexachloroethane	50.000	53.096	-6.2	109	0.00
91	T	1,2-Dichlorobenzene	50.000	53.540	-7.1	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.030	7.9	93	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.335	-12.7	113	0.00
94	T	Hexachlorobutadiene	50.000	60.332	-20.7	125	0.00
95	T	Naphthalene	50.000	52.262	-4.5	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.294	-14.6	114	0.00

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