Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
Data File : VY013437.D
Acq On : 25 Apr 2023 10:49
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: Apr 25 15:11:32 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	53.517	-7.0	103	0.00
3	P	Chloromethane	50.000	45.193	9.6	92	0.00
4	C	Vinyl Chloride	50.000	45.127	9.7#	92	0.00
5	T	Bromomethane	50.000	41.766	16.5	89	0.00
6	T	Chloroethane	50.000	42.782	14.4	90	0.00
7	T	Trichlorofluoromethane	50.000	48.790	2.4	98	0.00
8	T	Diethyl Ether	50.000	48.884	2.2	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.397	1.2	101	0.00
10	T	Methyl Iodide	50.000	51.755	-3.5	94	0.00
11	T	Tert butyl alcohol	250.000	200.914	19.6	86	0.00
12	CM	1,1-Dichloroethene	50.000	49.826	0.3#	98	0.00
13	T	Acrolein	250.000	219.390	12.2	93	0.00
14	T	Allyl chloride	50.000	49.865	0.3	97	0.00
15	T	Acrylonitrile	250.000	235.855	5.7	91	0.00
16	T	Acetone	250.000	256.862	-2.7	93	0.00
17	T	Carbon Disulfide	50.000	50.581	-1.2	98	0.00
18	T	Methyl Acetate	50.000	45.178	9.6	88	0.00
19	T	Methyl tert-butyl Ether	50.000	49.764	0.5	95	0.00
20	T	Methylene Chloride	50.000	50.125	-0.3	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.235	-4.5	101	0.00
22	T	Diisopropyl ether	50.000	51.090	-2.2	99	0.00
23	T	Vinyl Acetate	250.000	275.062	-10.0	104	0.00
24	P	1,1-Dichloroethane	50.000	51.221	-2.4	101	0.00
25	T	2-Butanone	250.000	243.164	2.7	92	0.00
26	T	2,2-Dichloropropane	50.000	51.402	-2.8	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.104	-4.2	103	0.00
28	T	Bromochloromethane	50.000	47.269	5.5	95	0.00
29	T	Tetrahydrofuran	250.000	219.996	12.0	84	0.00
30	C	Chloroform	50.000	50.875	-1.8#	101	0.00
31	T	Cyclohexane	50.000	46.216	7.6	95	0.00
32	T	1,1,1-Trichloroethane	50.000	51.289	-2.6	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.247	5.5	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	50.785	-1.6	104	0.00
36	T	1,1-Dichloropropene	50.000	51.079	-2.2	99	0.00
37	T	Ethyl Acetate	50.000	44.868	10.3	83	0.00
38	T	Carbon Tetrachloride	50.000	52.796	-5.6	101	0.00
39	T	Methylcyclohexane	50.000	52.412	-4.8	99	0.00
40	TM	Benzene	50.000	52.723	-5.4	101	0.00
41	T	Methacrylonitrile	50.000	48.989	2.0	92	0.00
42	TM	1,2-Dichloroethane	50.000	51.557	-3.1	98	0.00
43	T	Isopropyl Acetate	50.000	47.235	5.5	88	0.00
44	TM	Trichloroethene	50.000	52.533	-5.1	101	0.00
45	C	1,2-Dichloropropane	50.000	51.839	-3.7#	99	0.00
46	T	Dibromomethane	50.000	50.727	-1.5	97	0.00
47	T	Bromodichloromethane	50.000	52.606	-5.2	100	0.00
48	T	Methyl methacrylate	50.000	49.108	1.8	89	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	925.758	7.4	85	0.00
50	S	Toluene-d8	50.000	50.385	-0.8	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	234.286	6.3	86	0.00
52	CM	Toluene	50.000	52.994	-6.0#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	52.495	-5.0	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.550	-3.1	98	0.00
55	T	1,1,2-Trichloroethane	50.000	52.173	-4.3	100	0.00
56	T	Ethyl methacrylate	50.000	51.882	-3.8	94	0.00
57	T	1,3-Dichloropropane	50.000	51.298	-2.6	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	231.727	7.3	95	0.00
59	T	2-Hexanone	250.000	251.131	-0.5	89	0.00
60	T	Dibromochloromethane	50.000	53.051	-6.1	99	0.00
61	T	1,2-Dibromoethane	50.000	51.111	-2.2	96	0.00
62	S	4-Bromofluorobenzene	50.000	50.858	-1.7	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	50.588	-1.2	98	0.00
65	PM	Chlorobenzene	50.000	52.465	-4.9	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.319	-6.6	104	0.00
67	C	Ethyl Benzene	50.000	53.587	-7.2#	103	0.00
68	T	m/p-Xylenes	100.000	107.192	-7.2	103	0.00
69	T	o-Xylene	50.000	54.035	-8.1	102	0.00
70	T	Styrene	50.000	54.455	-8.9	103	0.00
71	P	Bromoform	50.000	50.264	-0.5	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	52.512	-5.0	102	0.00
74	T	N-amyl acetate	50.000	48.392	3.2	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.047	1.9	95	0.00
76	T	1,2,3-Trichloropropane	50.000	50.168	-0.3	96	0.00
77	T	Bromobenzene	50.000	52.299	-4.6	102	0.00
78	T	n-propylbenzene	50.000	52.796	-5.6	103	0.00
79	T	2-Chlorotoluene	50.000	52.573	-5.1	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.161	-6.3	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.278	1.4	92	0.00
82	T	4-Chlorotoluene	50.000	52.385	-4.8	102	0.00
83	T	tert-Butylbenzene	50.000	52.346	-4.7	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.780	-7.6	103	0.00
85	T	sec-Butylbenzene	50.000	52.180	-4.4	102	0.00
86	T	p-Isopropyltoluene	50.000	53.153	-6.3	103	0.00
87	T	1,3-Dichlorobenzene	50.000	51.473	-2.9	102	0.00
88	T	1,4-Dichlorobenzene	50.000	51.640	-3.3	103	0.00
89	T	n-Butylbenzene	50.000	52.958	-5.9	103	0.00
90	T	Hexachloroethane	50.000	51.763	-3.5	104	0.00
91	T	1,2-Dichlorobenzene	50.000	52.171	-4.3	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.911	6.2	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.994	-10.0	109	0.00
94	T	Hexachlorobutadiene	50.000	56.002	-12.0	114	0.00
95	T	Naphthalene	50.000	55.259	-10.5	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.602	-11.2	109	0.00

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