Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013461.D
Acq On : 26 Apr 2023 09:51
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 27 01:46:56 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	91	0.00
2	T	Dichlorodifluoromethane	50.000	55.610	-11.2	98	0.00
3	P	Chloromethane	50.000	45.747	8.5	85	0.00
4	C	Vinyl Chloride	50.000	45.017	10.0#	84	0.00
5	T	Bromomethane	50.000	45.033	9.9	88	0.00
6	T	Chloroethane	50.000	42.915	14.2	82	0.00
7	T	Trichlorofluoromethane	50.000	50.931	-1.9	93	0.00
8	T	Diethyl Ether	50.000	48.994	2.0	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.935	-1.9	95	0.01
10	T	Methyl Iodide	50.000	50.798	-1.6	85	0.00
11	T	Tert butyl alcohol	250.000	212.135	15.1	83	-0.01
12	CM	1,1-Dichloroethene	50.000	50.642	-1.3#	91	0.00
13	T	Acrolein	250.000	253.792	-1.5	98	0.00
14	T	Allyl chloride	50.000	48.863	2.3	87	0.00
15	T	Acrylonitrile	250.000	251.048	-0.4	88	0.00
16	T	Acetone	250.000	274.943	-10.0	91	0.00
17	T	Carbon Disulfide	50.000	51.687	-3.4	92	0.00
18	T	Methyl Acetate	50.000	47.880	4.2	86	0.00
19	T	Methyl tert-butyl Ether	50.000	50.678	-1.4	89	0.00
20	T	Methylene Chloride	50.000	49.273	1.5	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.060	-6.1	94	0.00
22	T	Diisopropyl ether	50.000	53.007	-6.0	95	0.00
23	T	Vinyl Acetate	250.000	245.814	1.7	85	0.00
24	P	1,1-Dichloroethane	50.000	52.146	-4.3	94	0.00
25	T	2-Butanone	250.000	266.367	-6.5	92	0.00
26	T	2,2-Dichloropropane	50.000	52.372	-4.7	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.670	-5.3	95	0.00
28	T	Bromochloromethane	50.000	48.893	2.2	90	0.00
29	T	Tetrahydrofuran	250.000	250.993	-0.4	88	0.00
30	C	Chloroform	50.000	54.718	-9.4#	100	0.00
31	T	Cyclohexane	50.000	48.621	2.8	92	0.00
32	T	1,1,1-Trichloroethane	50.000	53.233	-6.5	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.333	1.3	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	52.275	-4.5	98	0.00
36	T	1,1-Dichloropropene	50.000	54.410	-8.8	96	0.00
37	T	Ethyl Acetate	50.000	49.052	1.9	83	0.00
38	T	Carbon Tetrachloride	50.000	55.900	-11.8	98	0.00
39	T	Methylcyclohexane	50.000	54.535	-9.1	94	0.00
40	TM	Benzene	50.000	55.250	-10.5	97	0.00
41	T	Methacrylonitrile	50.000	50.012	-0.0	86	0.00
42	TM	1,2-Dichloroethane	50.000	55.331	-10.7	96	0.00
43	T	Isopropyl Acetate	50.000	50.588	-1.2	87	0.00
44	TM	Trichloroethene	50.000	54.225	-8.5	95	0.00
45	C	1,2-Dichloropropane	50.000	55.409	-10.8#	97	0.00
46	T	Dibromomethane	50.000	54.926	-9.9	96	0.00
47	T	Bromodichloromethane	50.000	57.406	-14.8	100	0.00
48	T	Methyl methacrylate	50.000	54.008	-8.0	89	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1039.521	-4.0	88	0.00
50	S	Toluene-d8	50.000	50.526	-1.1	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.704	-2.7	86	0.00
52	CM	Toluene	50.000	55.454	-10.9#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	53.522	-7.0	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.112	-6.2	92	0.00
55	T	1,1,2-Trichloroethane	50.000	54.507	-9.0	95	0.00
56	T	Ethyl methacrylate	50.000	54.347	-8.7	90	0.00
57	T	1,3-Dichloropropane	50.000	54.054	-8.1	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	237.308	5.1	89	0.00
59	T	2-Hexanone	250.000	277.741	-11.1	90	0.00
60	T	Dibromochloromethane	50.000	54.963	-9.9	94	0.00
61	T	1,2-Dibromoethane	50.000	52.852	-5.7	91	0.00
62	S	4-Bromofluorobenzene	50.000	50.457	-0.9	95	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	53.139	-6.3	94	0.00
65	PM	Chlorobenzene	50.000	54.562	-9.1	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.192	-10.4	98	0.00
67	C	Ethyl Benzene	50.000	55.312	-10.6#	96	0.00
68	T	m/p-Xylenes	100.000	112.802	-12.8	98	0.00
69	T	o-Xylene	50.000	55.986	-12.0	96	0.00
70	T	Styrene	50.000	57.030	-14.1	98	0.00
71	P	Bromoform	50.000	53.239	-6.5	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	53.997	-8.0	96	0.00
74	T	N-amyl acetate	50.000	51.598	-3.2	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.530	-5.1	93	0.00
76	T	1,2,3-Trichloropropane	50.000	45.645	8.7	80	0.00
77	T	Bromobenzene	50.000	55.012	-10.0	98	0.00
78	T	n-propylbenzene	50.000	55.028	-10.1	97	0.00
79	T	2-Chlorotoluene	50.000	54.900	-9.8	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.325	-10.7	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.750	-3.5	88	0.00
82	T	4-Chlorotoluene	50.000	53.963	-7.9	96	0.00
83	T	tert-Butylbenzene	50.000	53.975	-8.0	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.309	-12.6	98	0.00
85	T	sec-Butylbenzene	50.000	54.492	-9.0	97	0.00
86	T	p-Isopropyltoluene	50.000	55.671	-11.3	99	0.00
87	T	1,3-Dichlorobenzene	50.000	54.750	-9.5	98	0.00
88	T	1,4-Dichlorobenzene	50.000	54.261	-8.5	99	0.00
89	T	n-Butylbenzene	50.000	55.128	-10.3	98	0.00
90	T	Hexachloroethane	50.000	53.555	-7.1	98	0.00
91	T	1,2-Dichlorobenzene	50.000	55.518	-11.0	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.716	-3.4	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.066	-14.1	103	0.00
94	T	Hexachlorobutadiene	50.000	57.445	-14.9	107	0.00
95	T	Naphthalene	50.000	57.310	-14.6	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.643	-17.3	104	0.00

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