Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
Data File : VY008410.D
Acq On : 20 Apr 2022 11:24
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 21 02:36:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
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	83	0.00
2	T	Dichlorodifluoromethane	50.000	41.158	17.7	83	0.00
3	P	Chloromethane	50.000	53.680	-7.4	91	0.00
4	C	Vinyl Chloride	50.000	49.499	1.0#	95	0.00
5	T	Bromomethane	50.000	55.734	-11.5	102	0.00
6	T	Chloroethane	50.000	50.645	-1.3	97	0.00
7	T	Trichlorofluoromethane	50.000	50.567	-1.1	97	0.00
8	T	Diethyl Ether	50.000	47.236	5.5	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.191	-4.4	97	0.00
10	T	Methyl Iodide	50.000	49.720	0.6	90	0.00
11	T	Tert butyl alcohol	250.000	295.976	-18.4	114	0.00
12	CM	1,1-Dichloroethene	50.000	49.404	1.2#	93	0.00
13	T	Acrolein	250.000	214.846	14.1	62	0.00
14	T	Allyl chloride	50.000	51.700	-3.4	93	0.00
15	T	Acrylonitrile	250.000	262.112	-4.8	97	0.00
16	T	Acetone	250.000	302.109	-20.8	108	0.00
17	T	Carbon Disulfide	50.000	40.509	19.0	78	0.00
18	T	Methyl Acetate	50.000	59.360	-18.7	97	0.00
19	T	Methyl tert-butyl Ether	50.000	53.187	-6.4	97	0.00
20	T	Methylene Chloride	50.000	56.908	-13.8	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.717	0.6	92	0.00
22	T	Diisopropyl ether	50.000	54.865	-9.7	98	0.00
23	T	Vinyl Acetate	250.000	277.256	-10.9	98	0.00
24	P	1,1-Dichloroethane	50.000	54.552	-9.1	99	0.00
25	T	2-Butanone	250.000	283.833	-13.5	105	0.00
26	T	2,2-Dichloropropane	50.000	57.324	-14.6	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.573	-5.1	95	0.00
28	T	Bromochloromethane	50.000	56.342	-12.7	90	0.00
29	T	Tetrahydrofuran	250.000	267.339	-6.9	98	0.00
30	C	Chloroform	50.000	54.566	-9.1#	99	0.00
31	T	Cyclohexane	50.000	47.149	5.7	91	0.00
32	T	1,1,1-Trichloroethane	50.000	55.277	-10.6	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.274	5.5	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	47.586	4.8	85	0.00
36	T	1,1-Dichloropropene	50.000	52.450	-4.9	94	0.00
37	T	Ethyl Acetate	50.000	54.527	-9.1	100	0.00
38	T	Carbon Tetrachloride	50.000	55.165	-10.3	98	0.00
39	T	Methylcyclohexane	50.000	50.912	-1.8	92	0.00
40	TM	Benzene	50.000	52.736	-5.5	95	0.00
41	T	Methacrylonitrile	50.000	55.320	-10.6	96	0.00
42	TM	1,2-Dichloroethane	50.000	54.370	-8.7	98	0.00
43	T	Isopropyl Acetate	50.000	56.218	-12.4	103	0.00
44	TM	Trichloroethene	50.000	51.894	-3.8	93	0.00
45	C	1,2-Dichloropropane	50.000	55.205	-10.4#	98	0.00
46	T	Dibromomethane	50.000	52.997	-6.0	95	0.00
47	T	Bromodichloromethane	50.000	55.691	-11.4	99	0.00
48	T	Methyl methacrylate	50.000	55.648	-11.3	103	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1108.229	-10.8	95	0.00
50	S	Toluene-d8	50.000	46.846	6.3	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	292.424	-17.0	107	0.00
52	CM	Toluene	50.000	52.566	-5.1#	93	0.00
53	T	t-1,3-Dichloropropene	50.000	55.597	-11.2	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.091	-10.2	97	0.00
55	T	1,1,2-Trichloroethane	50.000	53.571	-7.1	95	0.00
56	T	Ethyl methacrylate	50.000	55.908	-11.8	98	0.00
57	T	1,3-Dichloropropane	50.000	53.867	-7.7	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	243.564	2.6	89	0.00
59	T	2-Hexanone	250.000	295.979	-18.4	107	0.00
60	T	Dibromochloromethane	50.000	55.710	-11.4	97	0.00
61	T	1,2-Dibromoethane	50.000	52.351	-4.7	93	0.00
62	S	4-Bromofluorobenzene	50.000	45.665	8.7	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	53.573	-7.1	93	0.00
65	PM	Chlorobenzene	50.000	54.436	-8.9	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.878	-11.8	93	0.00
67	C	Ethyl Benzene	50.000	56.336	-12.7#	96	0.00
68	T	m/p-Xylenes	100.000	113.324	-13.3	96	0.00
69	T	o-Xylene	50.000	55.672	-11.3	93	0.00
70	T	Styrene	50.000	57.700	-15.4	95	0.00
71	P	Bromoform	50.000	56.113	-12.2	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73	T	Isopropylbenzene	50.000	57.445	-14.9	96	0.00
74	T	N-amyl acetate	50.000	60.888	-21.8	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.747	-15.5	99	0.00
76	T	1,2,3-Trichloropropane	50.000	62.038	-24.1	99	0.00
77	T	Bromobenzene	50.000	52.909	-5.8	90	0.00
78	T	n-propylbenzene	50.000	58.049	-16.1	97	0.00
79	T	2-Chlorotoluene	50.000	57.083	-14.2	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.883	-15.8	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	60.339	-20.7	101	0.00
82	T	4-Chlorotoluene	50.000	58.115	-16.2	98	0.00
83	T	tert-Butylbenzene	50.000	58.067	-16.1	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.493	-15.0	96	0.00
85	T	sec-Butylbenzene	50.000	59.555	-19.1	99	0.00
86	T	p-Isopropyltoluene	50.000	59.314	-18.6	97	0.00
87	T	1,3-Dichlorobenzene	50.000	56.088	-12.2	93	0.00
88	T	1,4-Dichlorobenzene	50.000	55.152	-10.3	92	0.00
89	T	n-Butylbenzene	50.000	59.396	-18.8	98	0.00
90	T	Hexachloroethane	50.000	58.654	-17.3	96	0.00
91	T	1,2-Dichlorobenzene	50.000	54.981	-10.0	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.931	-11.9	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.153	-0.3	87	0.00
94	T	Hexachlorobutadiene	50.000	50.804	-1.6	89	0.00
95	T	Naphthalene	50.000	51.732	-3.5	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.505	1.0	87	0.00

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