Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
Data File : VY010947.D
Acq On : 12 Oct 2022 17:11
Operator : KP/MD
Sample : VSTDCCC050
Misc : 6.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 13 05:36:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 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	85	0.00
2	T	Dichlorodifluoromethane	50.000	50.252	-0.5	85	0.00
3	P	Chloromethane	50.000	45.798	8.4	79	0.00
4	C	Vinyl Chloride	50.000	43.017	14.0#	73	0.00
5	T	Bromomethane	50.000	39.759	20.5	72	0.00
6	T	Chloroethane	50.000	44.183	11.6	75	0.00
7	T	Trichlorofluoromethane	50.000	50.940	-1.9	89	0.00
8	T	Diethyl Ether	50.000	57.165	-14.3	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.205	-8.4	94	0.00
10	T	Methyl Iodide	50.000	50.431	-0.9	82	0.00
11	T	Tert butyl alcohol	250.000	345.959	-38.4#	114	0.00
12	CM	1,1-Dichloroethene	50.000	52.849	-5.7#	91	0.00
13	T	Acrolein	250.000	197.096	21.2	71	0.00
14	T	Allyl chloride	50.000	57.593	-15.2	98	0.00
15	T	Acrylonitrile	250.000	329.146	-31.7#	114	0.00
16	T	Acetone	250.000	261.223	-4.5	82	0.00
17	T	Carbon Disulfide	50.000	48.788	2.4	84	0.00
18	T	Methyl Acetate	50.000	62.728	-25.5#	115	0.00
19	T	Methyl tert-butyl Ether	50.000	57.985	-16.0	99	0.00
20	T	Methylene Chloride	50.000	66.060	-32.1#	109	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.881	-5.8	91	0.00
22	T	Diisopropyl ether	50.000	59.066	-18.1	99	0.00
23	T	Vinyl Acetate	250.000	306.439	-22.6	102	0.00
24	P	1,1-Dichloroethane	50.000	56.611	-13.2	98	0.00
25	T	2-Butanone	250.000	299.376	-19.8	99	0.00
26	T	2,2-Dichloropropane	50.000	50.826	-1.7	89	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.224	-10.4	94	0.00
28	T	Bromochloromethane	50.000	60.265	-20.5	102	0.00
29	T	Tetrahydrofuran	250.000	331.442	-32.6#	114	0.00
30	C	Chloroform	50.000	56.063	-12.1#	96	0.00
31	T	Cyclohexane	50.000	50.204	-0.4	89	0.00
32	T	1,1,1-Trichloroethane	50.000	53.244	-6.5	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.772	-11.5	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	51.320	-2.6	95	0.00
36	T	1,1-Dichloropropene	50.000	52.938	-5.9	90	0.00
37	T	Ethyl Acetate	50.000	62.955	-25.9#	108	0.00
38	T	Carbon Tetrachloride	50.000	52.408	-4.8	90	0.00
39	T	Methylcyclohexane	50.000	51.665	-3.3	86	0.00
40	TM	Benzene	50.000	53.939	-7.9	93	0.00
41	T	Methacrylonitrile	50.000	53.175	-6.3	102	0.00
42	TM	1,2-Dichloroethane	50.000	54.278	-8.6	94	0.00
43	T	Isopropyl Acetate	50.000	60.857	-21.7	104	0.00
44	TM	Trichloroethene	50.000	52.938	-5.9	91	0.00
45	C	1,2-Dichloropropane	50.000	57.682	-15.4#	99	0.00
46	T	Dibromomethane	50.000	56.505	-13.0	98	0.00
47	T	Bromodichloromethane	50.000	56.599	-13.2	97	0.00
48	T	Methyl methacrylate	50.000	62.047	-24.1	105	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1324.443	-32.4#	109	0.00
50	S	Toluene-d8	50.000	56.279	-12.6	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	326.265	-30.5#	110	0.00
52	CM	Toluene	50.000	53.647	-7.3#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	56.224	-12.4	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.970	-11.9	95	0.00
55	T	1,1,2-Trichloroethane	50.000	57.924	-15.8	101	0.00
56	T	Ethyl methacrylate	50.000	62.114	-24.2	103	0.00
57	T	1,3-Dichloropropane	50.000	58.671	-17.3	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	300.851	-20.3	107	0.00
59	T	2-Hexanone	250.000	324.270	-29.7#	103	0.00
60	T	Dibromochloromethane	50.000	57.269	-14.5	97	0.00
61	T	1,2-Dibromoethane	50.000	57.809	-15.6	100	0.00
62	S	4-Bromofluorobenzene	50.000	50.228	-0.5	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	53.561	-7.1	93	0.00
65	PM	Chlorobenzene	50.000	53.288	-6.6	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.517	-7.0	92	0.00
67	C	Ethyl Benzene	50.000	53.807	-7.6#	91	0.00
68	T	m/p-Xylenes	100.000	105.778	-5.8	90	0.00
69	T	o-Xylene	50.000	53.188	-6.4	90	0.00
70	T	Styrene	50.000	54.769	-9.5	91	0.00
71	P	Bromoform	50.000	57.801	-15.6	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	53.048	-6.1	91	0.00
74	T	N-amyl acetate	50.000	61.148	-22.3	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	58.896	-17.8	106	0.00
76	T	1,2,3-Trichloropropane	50.000	58.635	-17.3	102	0.00
77	T	Bromobenzene	50.000	53.249	-6.5	93	0.00
78	T	n-propylbenzene	50.000	53.365	-6.7	91	0.00
79	T	2-Chlorotoluene	50.000	53.086	-6.2	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.497	-5.0	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.651	-17.3	102	0.00
82	T	4-Chlorotoluene	50.000	52.665	-5.3	91	0.00
83	T	tert-Butylbenzene	50.000	53.652	-7.3	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.140	-6.3	90	0.00
85	T	sec-Butylbenzene	50.000	53.364	-6.7	90	0.00
86	T	p-Isopropyltoluene	50.000	52.920	-5.8	89	0.00
87	T	1,3-Dichlorobenzene	50.000	51.977	-4.0	90	0.00
88	T	1,4-Dichlorobenzene	50.000	51.957	-3.9	90	0.00
89	T	n-Butylbenzene	50.000	54.344	-8.7	91	0.00
90	T	Hexachloroethane	50.000	53.210	-6.4	94	0.00
91	T	1,2-Dichlorobenzene	50.000	53.878	-7.8	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.657	-19.3	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.585	-11.2	97	0.00
94	T	Hexachlorobutadiene	50.000	52.413	-4.8	94	0.00
95	T	Naphthalene	50.000	62.693	-25.4#	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.839	-15.7	100	0.00

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