Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
Data File : VY003378.D
Acq On : 28 Jul 2020 16:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Jul 29 03:45:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
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	87	0.00
2	T	Dichlorodifluoromethane	50.000	41.825	16.3	85	0.00
3	P	Chloromethane	50.000	46.006	8.0	90	0.00
4	C	Vinyl Chloride	50.000	48.012	4.0#	92	0.00
5	T	Bromomethane	50.000	50.562	-1.1	101	0.00
6	T	Chloroethane	50.000	50.449	-0.9	96	0.00
7	T	Trichlorofluoromethane	50.000	51.053	-2.1	97	0.00
8	T	Diethyl Ether	50.000	55.917	-11.8	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.514	-5.0	99	0.00
10	T	Methyl Iodide	50.000	51.000	-2.0	89	0.00
11	T	Tert butyl alcohol	250.000	265.215	-6.1	106	0.00
12	CM	1,1-Dichloroethene	50.000	51.118	-2.2#	96	0.00
13	T	Acrolein	250.000	197.047	21.2	79	0.00
14	T	Allyl chloride	50.000	59.259	-18.5	109	0.00
15	T	Acrylonitrile	250.000	300.523	-20.2	111	0.00
16	T	Acetone	250.000	283.262	-13.3	103	0.00
17	T	Carbon Disulfide	50.000	47.833	4.3	89	0.00
18	T	Methyl Acetate	50.000	62.871	-25.7#	120	0.00
19	T	Methyl tert-butyl Ether	50.000	57.040	-14.1	105	0.00
20	T	Methylene Chloride	50.000	64.512	-29.0#	111	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.554	-5.1	97	0.00
22	T	Diisopropyl ether	50.000	61.701	-23.4	112	0.00
23	T	Vinyl Acetate	250.000	295.534	-18.2	106	0.00
24	P	1,1-Dichloroethane	50.000	58.402	-16.8	107	0.00
25	T	2-Butanone	250.000	292.904	-17.2	108	0.00
26	T	2,2-Dichloropropane	50.000	56.670	-13.3	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.683	-13.4	104	0.00
28	T	Bromochloromethane	50.000	56.932	-13.9	103	0.00
29	T	Tetrahydrofuran	250.000	294.226	-17.7	108	0.00
30	C	Chloroform	50.000	57.729	-15.5#	107	0.00
31	T	Cyclohexane	50.000	50.602	-1.2	96	0.00
32	T	1,1,1-Trichloroethane	50.000	56.323	-12.6	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.323	-0.6	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	47.539	4.9	90	0.00
36	T	1,1-Dichloropropene	50.000	51.424	-2.8	99	0.00
37	T	Ethyl Acetate	50.000	56.258	-12.5	107	0.00
38	T	Carbon Tetrachloride	50.000	53.454	-6.9	101	0.00
39	T	Methylcyclohexane	50.000	49.646	0.7	95	0.00
40	TM	Benzene	50.000	54.570	-9.1	105	0.00
41	T	Methacrylonitrile	50.000	53.582	-7.2	100	0.00
42	TM	1,2-Dichloroethane	50.000	54.341	-8.7	105	0.00
43	T	Isopropyl Acetate	50.000	55.605	-11.2	106	0.00
44	TM	Trichloroethene	50.000	50.606	-1.2	98	0.00
45	C	1,2-Dichloropropane	50.000	56.547	-13.1#	108	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	53.101	-6.2	101	0.00
47	T	Bromodichloromethane	50.000	56.171	-12.3	108	0.00
48	T	Methyl methacrylate	50.000	56.604	-13.2	107	0.00
49	T	1,4-Dioxane	1000.000	1098.024	-9.8	102	0.00
50	S	Toluene-d8	50.000	46.536	6.9	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	283.197	-13.3	107	0.00
52	CM	Toluene	50.000	53.423	-6.8#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	56.769	-13.5	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.810	-11.6	107	0.00
55	T	1,1,2-Trichloroethane	50.000	54.958	-9.9	107	0.00
56	T	Ethyl methacrylate	50.000	55.914	-11.8	103	0.00
57	T	1,3-Dichloropropane	50.000	55.687	-11.4	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.270	-4.1	98	0.00
59	T	2-Hexanone	250.000	279.933	-12.0	105	0.00
60	T	Dibromochloromethane	50.000	54.980	-10.0	105	0.00
61	T	1,2-Dibromoethane	50.000	52.310	-4.6	101	0.00
62	S	4-Bromofluorobenzene	50.000	46.432	7.1	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	48.194	3.6	95	0.00
65	PM	Chlorobenzene	50.000	53.928	-7.9	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.417	-10.8	108	0.00
67	C	Ethyl Benzene	50.000	54.050	-8.1#	104	0.00
68	T	m/p-Xylenes	100.000	106.907	-6.9	104	0.00
69	T	o-Xylene	50.000	54.649	-9.3	105	0.00
70	T	Styrene	50.000	55.573	-11.1	106	0.00
71	P	Bromoform	50.000	54.229	-8.5	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	54.624	-9.2	105	0.00
74	T	N-amyl acetate	50.000	56.203	-12.4	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.396	-12.8	109	0.00
76	T	1,2,3-Trichloropropane	50.000	55.755	-11.5	108	0.00
77	T	Bromobenzene	50.000	54.007	-8.0	105	0.00
78	T	n-propylbenzene	50.000	55.002	-10.0	105	0.00
79	T	2-Chlorotoluene	50.000	54.950	-9.9	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.767	-9.5	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.854	-11.7	106	0.00
82	T	4-Chlorotoluene	50.000	54.690	-9.4	105	0.00
83	T	tert-Butylbenzene	50.000	55.463	-10.9	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.973	-9.9	105	0.00
85	T	sec-Butylbenzene	50.000	55.331	-10.7	106	0.00
86	T	p-Isopropyltoluene	50.000	54.634	-9.3	104	0.00
87	T	1,3-Dichlorobenzene	50.000	54.538	-9.1	106	0.00
88	T	1,4-Dichlorobenzene	50.000	54.418	-8.8	106	0.00
89	T	n-Butylbenzene	50.000	55.282	-10.6	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	58.762	-17.5	111	0.00
91 T	1,2-Dichlorobenzene	50.000	55.180	-10.4	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.657	-3.3	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.777	-7.6	105	0.00
94 T	Hexachlorobutadiene	50.000	52.024	-4.0	102	0.00
95 T	Naphthalene	50.000	54.162	-8.3	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.296	-8.6	107	0.00

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