Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
Data File : VY003162.D
Acq On : 10 Jul 2020 13:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : ICVVY071020

Quant Time: Jul 11 06:13:51 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	45.669	8.7	110	0.00
3	P	Chloromethane	50.000	47.934	4.1	112	0.00
4	C	Vinyl Chloride	50.000	48.745	2.5#	111	0.00
5	T	Bromomethane	50.000	50.716	-1.4	120	0.00
6	T	Chloroethane	50.000	48.333	3.3	109	0.00
7	T	Trichlorofluoromethane	50.000	48.559	2.9	109	0.00
8	T	Diethyl Ether	50.000	49.936	0.1	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.833	0.3	112	0.00
10	T	Methyl Iodide	50.000	51.838	-3.7	108	0.00
11	T	Tert butyl alcohol	250.000	233.980	6.4	111	0.01
12	CM	1,1-Dichloroethene	50.000	49.792	0.4#	112	0.00
13	T	Acrolein	250.000	224.215	10.3	107	0.00
14	T	Allyl chloride	50.000	50.775	-1.5	111	0.00
15	T	Acrylonitrile	250.000	253.988	-1.6	112	0.00
16	T	Acetone	250.000	274.882	-10.0	119	0.00
17	T	Carbon Disulfide	50.000	49.708	0.6	110	0.00
18	T	Methyl Acetate	50.000	50.185	-0.4	114	0.00
19	T	Methyl tert-butyl Ether	50.000	50.819	-1.6	112	0.00
20	T	Methylene Chloride	50.000	50.215	-0.4	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.159	-0.3	111	0.00
22	T	Diisopropyl ether	50.000	51.984	-4.0	112	0.00
23	T	Vinyl Acetate	250.000	262.111	-4.8	112	0.00
24	P	1,1-Dichloroethane	50.000	50.137	-0.3	110	0.00
25	T	2-Butanone	250.000	259.078	-3.6	114	0.00
26	T	2,2-Dichloropropane	50.000	50.834	-1.7	112	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.544	-1.1	111	0.00
28	T	Bromochloromethane	50.000	46.391	7.2	100	0.00
29	T	Tetrahydrofuran	250.000	255.692	-2.3	112	0.00
30	C	Chloroform	50.000	50.422	-0.8#	111	0.00
31	T	Cyclohexane	50.000	48.141	3.7	109	0.00
32	T	1,1,1-Trichloroethane	50.000	50.053	-0.1	111	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.600	2.8	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	48.986	2.0	106	0.00
36	T	1,1-Dichloropropene	50.000	50.336	-0.7	111	0.00
37	T	Ethyl Acetate	50.000	53.738	-7.5	116	0.00
38	T	Carbon Tetrachloride	50.000	49.919	0.2	108	0.00
39	T	Methylcyclohexane	50.000	50.415	-0.8	111	0.00
40	TM	Benzene	50.000	50.379	-0.8	111	0.00
41	T	Methacrylonitrile	50.000	43.456	13.1	92	0.00
42	TM	1,2-Dichloroethane	50.000	50.531	-1.1	111	0.00
43	T	Isopropyl Acetate	50.000	52.000	-4.0	113	0.00
44	TM	Trichloroethene	50.000	50.745	-1.5	112	0.00
45	C	1,2-Dichloropropane	50.000	50.858	-1.7#	111	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	51.374	-2.7	112	0.00
47	T	Bromodichloromethane	50.000	50.823	-1.6	111	0.00
48	T	Methyl methacrylate	50.000	52.385	-4.8	113	0.00
49	T	1,4-Dioxane	1000.000	1034.146	-3.4	110	0.01
50	S	Toluene-d8	50.000	47.993	4.0	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	263.860	-5.5	114	0.00
52	CM	Toluene	50.000	50.607	-1.2#	111	0.00
53	T	t-1,3-Dichloropropene	50.000	52.373	-4.7	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.250	-2.5	112	0.00
55	T	1,1,2-Trichloroethane	50.000	50.402	-0.8	112	0.00
56	T	Ethyl methacrylate	50.000	53.697	-7.4	113	0.00
57	T	1,3-Dichloropropane	50.000	51.015	-2.0	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	243.818	2.5	105	0.00
59	T	2-Hexanone	250.000	266.640	-6.7	115	0.00
60	T	Dibromochloromethane	50.000	51.011	-2.0	111	0.00
61	T	1,2-Dibromoethane	50.000	50.618	-1.2	112	0.00
62	S	4-Bromofluorobenzene	50.000	48.175	3.7	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	50.852	-1.7	112	0.00
65	PM	Chlorobenzene	50.000	50.941	-1.9	111	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.086	-2.2	111	0.00
67	C	Ethyl Benzene	50.000	51.504	-3.0#	111	0.00
68	T	m/p-Xylenes	100.000	102.805	-2.8	111	0.00
69	T	o-Xylene	50.000	51.693	-3.4	111	0.00
70	T	Styrene	50.000	51.800	-3.6	110	0.00
71	P	Bromoform	50.000	52.542	-5.1	111	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	51.200	-2.4	110	0.00
74	T	N-amyl acetate	50.000	54.526	-9.1	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.769	-3.5	112	0.00
76	T	1,2,3-Trichloropropane	50.000	53.682	-7.4	117	0.00
77	T	Bromobenzene	50.000	51.184	-2.4	111	0.00
78	T	n-propylbenzene	50.000	51.706	-3.4	111	0.00
79	T	2-Chlorotoluene	50.000	51.249	-2.5	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.160	-2.3	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.233	-6.5	113	0.00
82	T	4-Chlorotoluene	50.000	51.609	-3.2	111	0.00
83	T	tert-Butylbenzene	50.000	50.918	-1.8	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.163	-2.3	109	0.00
85	T	sec-Butylbenzene	50.000	51.025	-2.0	109	0.00
86	T	p-Isopropyltoluene	50.000	50.764	-1.5	108	0.00
87	T	1,3-Dichlorobenzene	50.000	50.577	-1.2	109	0.00
88	T	1,4-Dichlorobenzene	50.000	50.989	-2.0	111	0.00
89	T	n-Butylbenzene	50.000	50.602	-1.2	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.780	-1.6	107	0.00
91 T	1,2-Dichlorobenzene	50.000	51.586	-3.2	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.374	-2.7	113	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.135	-2.3	111	0.00
94 T	Hexachlorobutadiene	50.000	48.324	3.4	106	0.00
95 T	Naphthalene	50.000	53.987	-8.0	117	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.618	-3.2	113	0.00

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