Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072320\
Data File : VD066036.D
Acq On : 23 Jul 2020 20:36
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jul 24 04:48:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	73	0.00
2	T	Dichlorodifluoromethane	50.000	43.549	12.9	68	0.00
3	P	Chloromethane	50.000	48.068	3.9	73	0.00
4	C	Vinyl Chloride	50.000	46.223	7.6#	68	0.00
5	T	Bromomethane	50.000	52.229	-4.5	68	0.00
6	T	Chloroethane	50.000	51.436	-2.9	73	0.00
7	T	Trichlorofluoromethane	50.000	48.091	3.8	70	0.00
8	T	Diethyl Ether	50.000	54.663	-9.3	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.888	4.2	70	0.00
10	T	Methyl Iodide	50.000	56.639	-13.3	99	0.00
11	T	Tert butyl alcohol	250.000	252.593	-1.0	72	-0.01
12	CM	1,1-Dichloroethene	50.000	48.763	2.5#	70	0.00
13	T	Acrolein	250.000	242.150	3.1	80	0.00
14	T	Allyl chloride	50.000	51.392	-2.8	72	0.00
15	T	Acrylonitrile	250.000	274.918	-10.0	79	0.00
16	T	Acetone	250.000	216.158	13.5	60	0.00
17	T	Carbon Disulfide	50.000	47.124	5.8	68	0.00
18	T	Methyl Acetate	50.000	49.027	1.9	75	0.00
19	T	Methyl tert-butyl Ether	50.000	58.289	-16.6	83	0.00
20	T	Methylene Chloride	50.000	58.939	-17.9	84	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.320	-4.6	76	0.00
22	T	Diisopropyl ether	50.000	56.237	-12.5	79	0.00
23	T	Vinyl Acetate	250.000	285.544	-14.2	79	0.00
24	P	1,1-Dichloroethane	50.000	55.738	-11.5	79	0.00
25	T	2-Butanone	250.000	252.908	-1.2	72	0.00
26	T	2,2-Dichloropropane	50.000	50.103	-0.2	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.635	-9.3	78	0.00
28	T	Bromochloromethane	50.000	57.235	-14.5	90	0.00
29	T	Tetrahydrofuran	250.000	266.879	-6.8	76	0.00
30	C	Chloroform	50.000	57.304	-14.6#	83	0.00
31	T	Cyclohexane	50.000	44.758	10.5	66	0.00
32	T	1,1,1-Trichloroethane	50.000	54.587	-9.2	79	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.446	-22.9#	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35	S	Dibromofluoromethane	50.000	56.397	-12.8	101	0.00
36	T	1,1-Dichloropropene	50.000	48.754	2.5	74	0.00
37	T	Ethyl Acetate	50.000	49.667	0.7	77	0.00
38	T	Carbon Tetrachloride	50.000	50.021	-0.0	76	0.00
39	T	Methylcyclohexane	50.000	47.573	4.9	70	0.00
40	TM	Benzene	50.000	52.216	-4.4	79	0.00
41	T	Methacrylonitrile	50.000	63.825	-27.7#	95	-0.01
42	TM	1,2-Dichloroethane	50.000	55.309	-10.6	85	0.00
43	T	Isopropyl Acetate	50.000	51.776	-3.6	78	0.00
44	TM	Trichloroethene	50.000	52.111	-4.2	80	0.00
45	C	1,2-Dichloropropane	50.000	53.408	-6.8#	81	0.00

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Quant Time: Jul 24 04:48:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	54.643	-9.3	83	0.00
47	T	Bromodichloromethane	50.000	55.318	-10.6	85	0.00
48	T	Methyl methacrylate	50.000	50.069	-0.1	75	0.00
49	T	1,4-Dioxane	1000.000	1000.411	-0.0	74	0.00
50	S	Toluene-d8	50.000	56.294	-12.6	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.679	-6.3	79	0.00
52	CM	Toluene	50.000	53.956	-7.9#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	55.569	-11.1	84	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.244	-10.5	83	0.00
55	T	1,1,2-Trichloroethane	50.000	52.783	-5.6	81	0.00
56	T	Ethyl methacrylate	50.000	57.085	-14.2	82	0.00
57	T	1,3-Dichloropropane	50.000	55.902	-11.8	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	247.014	1.2	85	0.00
59	T	2-Hexanone	250.000	256.775	-2.7	75	0.00
60	T	Dibromochloromethane	50.000	56.043	-12.1	87	0.00
61	T	1,2-Dibromoethane	50.000	56.372	-12.7	86	0.00
62	S	4-Bromofluorobenzene	50.000	57.068	-14.1	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	51.781	-3.6	83	0.00
65	PM	Chlorobenzene	50.000	53.739	-7.5	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.465	-10.9	87	0.00
67	C	Ethyl Benzene	50.000	53.134	-6.3#	83	0.00
68	T	m/p-Xylenes	100.000	106.896	-6.9	83	0.00
69	T	o-Xylene	50.000	55.956	-11.9	86	0.00
70	T	Styrene	50.000	56.335	-12.7	87	0.00
71	P	Bromoform	50.000	53.848	-7.7	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	53.003	-6.0	84	0.00
74	T	N-amyl acetate	50.000	51.859	-3.7	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.649	-3.3	86	0.00
76	T	1,2,3-Trichloropropane	50.000	49.718	0.6	86	0.00
77	T	Bromobenzene	50.000	52.947	-5.9	88	0.00
78	T	n-propylbenzene	50.000	52.276	-4.6	82	0.00
79	T	2-Chlorotoluene	50.000	52.379	-4.8	84	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.657	-9.3	86	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.044	-2.1	84	0.00
82	T	4-Chlorotoluene	50.000	52.974	-5.9	85	0.00
83	T	tert-Butylbenzene	50.000	54.011	-8.0	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.444	-10.9	88	0.00
85	T	sec-Butylbenzene	50.000	51.948	-3.9	82	0.00
86	T	p-Isopropyltoluene	50.000	54.108	-8.2	84	0.00
87	T	1,3-Dichlorobenzene	50.000	53.817	-7.6	89	0.00
88	T	1,4-Dichlorobenzene	50.000	52.780	-5.6	88	0.00
89	T	n-Butylbenzene	50.000	51.667	-3.3	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.258	-6.5	88	0.00
91 T	1,2-Dichlorobenzene	50.000	54.397	-8.8	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.936	-1.9	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.757	-9.5	90	0.00
94 T	Hexachlorobutadiene	50.000	51.642	-3.3	84	0.00
95 T	Naphthalene	50.000	50.781	-1.6	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.924	-11.8	92	0.00

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