Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
Data File : VD066474.D
Acq On : 31 Aug 2020 10:35
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Sep 01 01:08:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 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	64	0.00
2	T	Dichlorodifluoromethane	50.000	46.312	7.4	64	0.00
3	P	Chloromethane	50.000	40.763	18.5	57	0.00
4	C	Vinyl Chloride	50.000	46.810	6.4#	63	0.00
5	T	Bromomethane	50.000	54.407	-8.8	74	0.00
6	T	Chloroethane	50.000	49.600	0.8	67	0.00
7	T	Trichlorofluoromethane	50.000	53.732	-7.5	72	0.00
8	T	Diethyl Ether	50.000	46.110	7.8	61	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.211	5.6	64	0.00
10	T	Methyl Iodide	50.000	46.087	7.8	57	0.00
11	T	Tert butyl alcohol	250.000	253.564	-1.4	66	0.00
12	CM	1,1-Dichloroethene	50.000	47.254	5.5#	62	0.00
13	T	Acrolein	250.000	141.384	43.4#	37	0.00
14	T	Allyl chloride	50.000	40.889	18.2	53	0.00
15	T	Acrylonitrile	250.000	211.188	15.5	55	0.00
16	T	Acetone	250.000	298.131	-19.3	78	0.00
17	T	Carbon Disulfide	50.000	42.034	15.9	55	0.00
18	T	Methyl Acetate	50.000	39.275	21.5#	52	0.00
19	T	Methyl tert-butyl Ether	50.000	50.706	-1.4	65	0.00
20	T	Methylene Chloride	50.000	43.407	13.2	56	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.165	7.7	62	0.00
22	T	Diisopropyl ether	50.000	42.902	14.2	54	0.00
23	T	Vinyl Acetate	250.000	216.538	13.4	54	0.00
24	P	1,1-Dichloroethane	50.000	45.651	8.7	60	0.00
25	T	2-Butanone	250.000	223.956	10.4	58	0.00
26	T	2,2-Dichloropropane	50.000	53.983	-8.0	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.644	4.7	62	0.00
28	T	Bromochloromethane	50.000	44.133	11.7	56	0.00
29	T	Tetrahydrofuran	250.000	188.344	24.7#	48	0.00
30	C	Chloroform	50.000	52.183	-4.4#	67	0.00
31	T	Cyclohexane	50.000	39.646	20.7#	55	0.00
32	T	1,1,1-Trichloroethane	50.000	55.179	-10.4	72	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.031	-12.1	72	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	62	0.00
35	S	Dibromofluoromethane	50.000	51.080	-2.2	63	0.00
36	T	1,1-Dichloropropene	50.000	50.699	-1.4	64	0.00
37	T	Ethyl Acetate	50.000	45.653	8.7	57	0.00
38	T	Carbon Tetrachloride	50.000	59.804	-19.6	75	0.00
39	T	Methylcyclohexane	50.000	50.213	-0.4	60	0.00
40	TM	Benzene	50.000	49.267	1.5	61	0.00
41	T	Methacrylonitrile	50.000	46.784	6.4	54	-0.02
42	TM	1,2-Dichloroethane	50.000	57.302	-14.6	71	0.00
43	T	Isopropyl Acetate	50.000	45.794	8.4	56	0.00
44	TM	Trichloroethene	50.000	51.455	-2.9	65	0.00
45	C	1,2-Dichloropropane	50.000	46.426	7.1#	57	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	51.316	-2.6	63	0.00
47	T	Bromodichloromethane	50.000	53.338	-6.7	66	0.00
48	T	Methyl methacrylate	50.000	43.510	13.0	55	0.00
49	T	1,4-Dioxane	1000.000	968.118	3.2	55	0.00
50	S	Toluene-d8	50.000	52.575	-5.2	64	0.00
51	T	4-Methyl-2-Pentanone	250.000	214.863	14.1	51	0.00
52	CM	Toluene	50.000	50.378	-0.8#	61	0.00
53	T	t-1,3-Dichloropropene	50.000	52.200	-4.4	63	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.056	3.9	58	0.00
55	T	1,1,2-Trichloroethane	50.000	47.659	4.7	60	0.00
56	T	Ethyl methacrylate	50.000	45.199	9.6	53	0.00
57	T	1,3-Dichloropropane	50.000	46.909	6.2	58	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.053	4.0	57	0.00
59	T	2-Hexanone	250.000	236.751	5.3	54	0.00
60	T	Dibromochloromethane	50.000	50.974	-1.9	64	0.00
61	T	1,2-Dibromoethane	50.000	47.163	5.7	59	0.00
62	S	4-Bromofluorobenzene	50.000	51.736	-3.5	63	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	62	0.00
64	T	Tetrachloroethene	50.000	51.634	-3.3	63	0.00
65	PM	Chlorobenzene	50.000	51.799	-3.6	63	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.666	-7.3	66	0.00
67	C	Ethyl Benzene	50.000	52.209	-4.4#	62	0.00
68	T	m/p-Xylenes	100.000	104.840	-4.8	62	0.00
69	T	o-Xylene	50.000	51.330	-2.7	63	0.00
70	T	Styrene	50.000	53.293	-6.6	64	0.00
71	P	Bromoform	50.000	50.846	-1.7	62	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	62	0.00
73	T	Isopropylbenzene	50.000	53.641	-7.3	65	0.00
74	T	N-amyl acetate	50.000	44.314	11.4	52	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.032	15.9	52	0.00
76	T	1,2,3-Trichloropropane	50.000	45.952	8.1	57	0.00
77	T	Bromobenzene	50.000	52.628	-5.3	64	0.00
78	T	n-propylbenzene	50.000	51.321	-2.6	63	0.00
79	T	2-Chlorotoluene	50.000	50.641	-1.3	63	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.178	-8.4	65	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.589	12.8	52	0.00
82	T	4-Chlorotoluene	50.000	51.780	-3.6	63	0.00
83	T	tert-Butylbenzene	50.000	53.339	-6.7	65	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.579	-9.2	67	0.00
85	T	sec-Butylbenzene	50.000	52.996	-6.0	64	0.00
86	T	p-Isopropyltoluene	50.000	54.435	-8.9	66	0.00
87	T	1,3-Dichlorobenzene	50.000	52.169	-4.3	64	0.00
88	T	1,4-Dichlorobenzene	50.000	52.062	-4.1	65	0.00
89	T	n-Butylbenzene	50.000	51.501	-3.0	62	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.527	2.9	61	0.00
91 T	1,2-Dichlorobenzene	50.000	53.367	-6.7	66	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.722	-7.4	69	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.898	-7.8	65	0.00
94 T	Hexachlorobutadiene	50.000	55.996	-12.0	68	0.00
95 T	Naphthalene	50.000	52.152	-4.3	62	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.096	-6.2	63	0.00

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