Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD093020\
Data File : VD066982.D
Acq On : 30 Sep 2020 19:05
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Oct 01 01:35:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	44.417	11.2	90	0.00
3	P	Chloromethane	50.000	41.069	17.9	89	0.00
4	C	Vinyl Chloride	50.000	41.623	16.8#	86	0.00
5	T	Bromomethane	50.000	44.933	10.1	93	0.00
6	T	Chloroethane	50.000	43.174	13.7	90	0.00
7	T	Trichlorofluoromethane	50.000	44.948	10.1	94	0.00
8	T	Diethyl Ether	50.000	57.593	-15.2	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.746	6.5	97	0.00
10	T	Methyl Iodide	50.000	48.282	3.4	91	0.00
11	T	Tert butyl alcohol	250.000	300.679	-20.3#	109	0.00
12	CM	1,1-Dichloroethene	50.000	49.184	1.6#	96	0.00
13	T	Acrolein	250.000	245.541	1.8	97	0.00
14	T	Allyl chloride	50.000	51.475	-3.0	99	0.00
15	T	Acrylonitrile	250.000	282.455	-13.0	107	0.00
16	T	Acetone	250.000	208.342	16.7	77	0.00
17	T	Carbon Disulfide	50.000	45.460	9.1	90	0.00
18	T	Methyl Acetate	50.000	58.825	-17.7	108	0.00
19	T	Methyl tert-butyl Ether	50.000	59.113	-18.2	109	0.00
20	T	Methylene Chloride	50.000	57.455	-14.9	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.414	-4.8	103	-0.01
22	T	Diisopropyl ether	50.000	54.825	-9.7	102	0.00
23	T	Vinyl Acetate	250.000	271.069	-8.4	100	0.00
24	P	1,1-Dichloroethane	50.000	51.362	-2.7	100	0.00
25	T	2-Butanone	250.000	274.037	-9.6	103	0.00
26	T	2,2-Dichloropropane	50.000	46.149	7.7	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.317	-10.6	105	0.00
28	T	Bromochloromethane	50.000	51.847	-3.7	97	0.00
29	T	Tetrahydrofuran	250.000	283.714	-13.5	105	0.00
30	C	Chloroform	50.000	52.631	-5.3#	105	0.00
31	T	Cyclohexane	50.000	44.285	11.4	91	0.00
32	T	1,1,1-Trichloroethane	50.000	50.907	-1.8	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.858	10.3	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	45.024	10.0	92	0.00
36	T	1,1-Dichloropropene	50.000	47.895	4.2	97	0.00
37	T	Ethyl Acetate	50.000	54.561	-9.1	102	0.00
38	T	Carbon Tetrachloride	50.000	48.539	2.9	100	0.00
39	T	Methylcyclohexane	50.000	50.062	-0.1	99	0.00
40	TM	Benzene	50.000	51.632	-3.3	104	0.00
41	T	Methacrylonitrile	50.000	55.103	-10.2	109	-0.02
42	TM	1,2-Dichloroethane	50.000	50.753	-1.5	104	0.00
43	T	Isopropyl Acetate	50.000	54.540	-9.1	106	0.00
44	TM	Trichloroethene	50.000	51.937	-3.9	107	0.00
45	C	1,2-Dichloropropane	50.000	52.118	-4.2#	104	0.00

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Quant Time: Oct 01 01:35:04 2020
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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	54.849	-9.7	107	0.00
47	T	Bromodichloromethane	50.000	52.637	-5.3	107	0.00
48	T	Methyl methacrylate	50.000	52.560	-5.1	103	0.00
49	T	1,4-Dioxane	1000.000	1133.361	-13.3	107	0.00
50	S	Toluene-d8	50.000	45.807	8.4	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	282.695	-13.1	106	0.00
52	CM	Toluene	50.000	54.028	-8.1#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	55.804	-11.6	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.950	-7.9	105	0.00
55	T	1,1,2-Trichloroethane	50.000	55.305	-10.6	112	0.00
56	T	Ethyl methacrylate	50.000	62.143	-24.3#	115	0.00
57	T	1,3-Dichloropropane	50.000	55.617	-11.2	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	251.637	-0.7	105	0.00
59	T	2-Hexanone	250.000	280.935	-12.4	103	0.00
60	T	Dibromochloromethane	50.000	56.432	-12.9	114	0.00
61	T	1,2-Dibromoethane	50.000	56.734	-13.5	112	0.00
62	S	4-Bromofluorobenzene	50.000	48.660	2.7	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	52.376	-4.8	112	0.00
65	PM	Chlorobenzene	50.000	53.226	-6.5	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.373	-10.7	114	0.00
67	C	Ethyl Benzene	50.000	53.242	-6.5#	106	0.00
68	T	m/p-Xylenes	100.000	109.096	-9.1	109	0.00
69	T	o-Xylene	50.000	56.067	-12.1	111	0.00
70	T	Styrene	50.000	56.160	-12.3	110	0.00
71	P	Bromoform	50.000	57.924	-15.8	117	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	54.088	-8.2	108	0.00
74	T	N-amyl acetate	50.000	55.981	-12.0	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.862	-7.7	112	0.00
76	T	1,2,3-Trichloropropane	50.000	64.241	-28.5#	135	0.00
77	T	Bromobenzene	50.000	55.737	-11.5	114	0.00
78	T	n-propylbenzene	50.000	52.450	-4.9	106	0.00
79	T	2-Chlorotoluene	50.000	52.841	-5.7	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.032	-8.1	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	61.001	-22.0#	117	0.00
82	T	4-Chlorotoluene	50.000	52.746	-5.5	109	0.00
83	T	tert-Butylbenzene	50.000	54.751	-9.5	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.285	-8.6	110	0.00
85	T	sec-Butylbenzene	50.000	53.161	-6.3	109	0.00
86	T	p-Isopropyltoluene	50.000	54.364	-8.7	109	0.00
87	T	1,3-Dichlorobenzene	50.000	53.146	-6.3	112	0.00
88	T	1,4-Dichlorobenzene	50.000	52.884	-5.8	114	0.00
89	T	n-Butylbenzene	50.000	52.126	-4.3	106	0.00

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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)
90 T	Hexachloroethane	50.000	52.061	-4.1	111	0.00
91 T	1,2-Dichlorobenzene	50.000	54.605	-9.2	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.220	-12.4	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	59.193	-18.4	122	0.00
94 T	Hexachlorobutadiene	50.000	54.763	-9.5	114	0.00
95 T	Naphthalene	50.000	65.323	-30.6#	123	0.00
96 T	1,2,3-Trichlorobenzene	50.000	59.934	-19.9	120	0.00

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