Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
Data File : VD067716.D
Acq On : 20 Nov 2020 11:03
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: Nov 21 00:47:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 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	80	0.00
2	T	Dichlorodifluoromethane	50.000	51.552	-3.1	81	0.00
3	P	Chloromethane	50.000	41.133	17.7	75	0.00
4	C	Vinyl Chloride	50.000	44.631	10.7#	76	0.00
5	T	Bromomethane	50.000	47.600	4.8	82	0.00
6	T	Chloroethane	50.000	46.893	6.2	76	-0.01
7	T	Trichlorofluoromethane	50.000	53.019	-6.0	90	0.00
8	T	Diethyl Ether	50.000	51.379	-2.8	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.898	-1.8	85	0.00
10	T	Methyl Iodide	50.000	52.954	-5.9	79	0.00
11	T	Tert butyl alcohol	250.000	335.901	-34.4#	107	-0.01
12	CM	1,1-Dichloroethene	50.000	51.643	-3.3#	87	0.00
13	T	Acrolein	250.000	214.652	14.1	68	-0.01
14	T	Allyl chloride	50.000	49.323	1.4	80	0.00
15	T	Acrylonitrile	250.000	255.631	-2.3	83	-0.01
16	T	Acetone	250.000	294.090	-17.6	85	0.00
17	T	Carbon Disulfide	50.000	44.698	10.6	75	0.00
18	T	Methyl Acetate	50.000	49.936	0.1	90	0.00
19	T	Methyl tert-butyl Ether	50.000	56.382	-12.8	90	0.00
20	T	Methylene Chloride	50.000	49.929	0.1	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.666	-1.3	84	-0.01
22	T	Diisopropyl ether	50.000	51.370	-2.7	83	0.00
23	T	Vinyl Acetate	250.000	270.303	-8.1	83	0.00
24	P	1,1-Dichloroethane	50.000	50.540	-1.1	85	0.00
25	T	2-Butanone	250.000	267.567	-7.0	87	0.00
26	T	2,2-Dichloropropane	50.000	56.748	-13.5	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.848	-7.7	87	0.00
28	T	Bromochloromethane	50.000	46.906	6.2	75	0.00
29	T	Tetrahydrofuran	250.000	255.667	-2.3	81	-0.01
30	C	Chloroform	50.000	53.189	-6.4#	88	0.00
31	T	Cyclohexane	50.000	47.199	5.6	80	-0.01
32	T	1,1,1-Trichloroethane	50.000	54.423	-8.8	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.127	7.7	83	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	47.414	5.2	79	0.00
36	T	1,1-Dichloropropene	50.000	54.765	-9.5	87	0.00
37	T	Ethyl Acetate	50.000	55.974	-11.9	84	0.00
38	T	Carbon Tetrachloride	50.000	60.122	-20.2	96	0.00
39	T	Methylcyclohexane	50.000	55.723	-11.4	83	0.00
40	TM	Benzene	50.000	54.575	-9.2	86	0.00
41	T	Methacrylonitrile	50.000	43.453	13.1	75	0.00
42	TM	1,2-Dichloroethane	50.000	55.927	-11.9	89	0.00
43	T	Isopropyl Acetate	50.000	55.334	-10.7	87	0.00
44	TM	Trichloroethene	50.000	54.810	-9.6	89	0.00
45	C	1,2-Dichloropropane	50.000	52.385	-4.8#	84	0.00

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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)
46	T	Dibromomethane	50.000	55.520	-11.0	87	0.00
47	T	Bromodichloromethane	50.000	56.188	-12.4	88	0.00
48	T	Methyl methacrylate	50.000	49.166	1.7	74	0.00
49	T	1,4-Dioxane	1000.000	1075.071	-7.5	84	0.00
50	S	Toluene-d8	50.000	46.669	6.7	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	278.455	-11.4	85	0.00
52	CM	Toluene	50.000	56.058	-12.1#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	57.739	-15.5	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.911	-11.8	89	0.00
55	T	1,1,2-Trichloroethane	50.000	55.012	-10.0	86	0.00
56	T	Ethyl methacrylate	50.000	58.070	-16.1	89	0.00
57	T	1,3-Dichloropropane	50.000	55.437	-10.9	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.235	-3.3	77	0.00
59	T	2-Hexanone	250.000	296.572	-18.6	87	0.00
60	T	Dibromochloromethane	50.000	56.168	-12.3	88	0.00
61	T	1,2-Dibromoethane	50.000	53.083	-6.2	85	0.00
62	S	4-Bromofluorobenzene	50.000	47.863	4.3	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64	T	Tetrachloroethene	50.000	56.476	-13.0	88	0.00
65	PM	Chlorobenzene	50.000	56.815	-13.6	88	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	58.884	-17.8	91	0.00
67	C	Ethyl Benzene	50.000	58.686	-17.4#	88	0.00
68	T	m/p-Xylenes	100.000	116.332	-16.3	87	0.00
69	T	o-Xylene	50.000	60.030	-20.1	90	0.00
70	T	Styrene	50.000	58.568	-17.1	88	0.00
71	P	Bromoform	50.000	58.352	-16.7	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73	T	Isopropylbenzene	50.000	59.541	-19.1	89	0.00
74	T	N-amyl acetate	50.000	55.900	-11.8	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.451	-8.9	87	0.00
76	T	1,2,3-Trichloropropane	50.000	48.158	3.7	81	0.00
77	T	Bromobenzene	50.000	56.054	-12.1	87	0.00
78	T	n-propylbenzene	50.000	58.082	-16.2	87	0.00
79	T	2-Chlorotoluene	50.000	58.708	-17.4	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	59.987	-20.0	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.353	-6.7	88	0.00
82	T	4-Chlorotoluene	50.000	58.143	-16.3	89	0.00
83	T	tert-Butylbenzene	50.000	62.320	-24.6	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	59.377	-18.8	88	0.00
85	T	sec-Butylbenzene	50.000	60.028	-20.1	89	0.00
86	T	p-Isopropyltoluene	50.000	59.816	-19.6	90	0.00
87	T	1,3-Dichlorobenzene	50.000	56.711	-13.4	89	0.00
88	T	1,4-Dichlorobenzene	50.000	56.389	-12.8	90	0.00
89	T	n-Butylbenzene	50.000	59.835	-19.7	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	59.025	-18.0	91	0.00
91 T	1,2-Dichlorobenzene	50.000	56.979	-14.0	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	63.327	-26.7#	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.620	-21.2	92	0.00
94 T	Hexachlorobutadiene	50.000	59.560	-19.1	94	0.00
95 T	Naphthalene	50.000	64.142	-28.3#	93	0.00
96 T	1,2,3-Trichlorobenzene	50.000	59.929	-19.9	90	0.00

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