Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv041320\
Data File : VY002297.D
Acq On : 13 Apr 2020 21:36
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Apr 14 09:36:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 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	87	0.00
2	T	Dichlorodifluoromethane	50.000	52.022	-4.0	90	0.00
3	P	Chloromethane	50.000	53.880	-7.8	96	0.00
4	C	Vinyl Chloride	50.000	51.735	-3.5#	91	0.00
5	T	Bromomethane	50.000	56.432	-12.9	98	0.00
6	T	Chloroethane	50.000	54.266	-8.5	96	0.00
7	T	Trichlorofluoromethane	50.000	51.282	-2.6	94	0.00
8	T	Diethyl Ether	50.000	58.928	-17.9	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.575	-7.2	97	0.00
10	T	Methyl Iodide	50.000	54.170	-8.3	96	0.00
11	T	Tert butyl alcohol	250.000	303.744	-21.5	105	0.00
12	CM	1,1-Dichloroethene	50.000	55.165	-10.3#	99	0.00
13	T	Acrolein	250.000	258.178	-3.3	92	0.00
14	T	Allyl chloride	50.000	53.818	-7.6	95	0.00
15	T	Acrylonitrile	250.000	293.802	-17.5	106	0.00
16	T	Acetone	250.000	244.076	2.4	83	0.00
17	T	Carbon Disulfide	50.000	54.586	-9.2	97	0.00
18	T	Methyl Acetate	50.000	58.624	-17.2	106	0.00
19	T	Methyl tert-butyl Ether	50.000	58.062	-16.1	103	0.00
20	T	Methylene Chloride	50.000	55.351	-10.7	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	56.654	-13.3	102	0.00
22	T	Diisopropyl ether	50.000	56.068	-12.1	99	0.00
23	T	Vinyl Acetate	250.000	284.552	-13.8	100	0.00
24	P	1,1-Dichloroethane	50.000	56.467	-12.9	101	0.00
25	T	2-Butanone	250.000	273.690	-9.5	99	0.00
26	T	2,2-Dichloropropane	50.000	47.899	4.2	89	0.00
27	T	cis-1,2-Dichloroethene	50.000	58.542	-17.1	105	0.00
28	T	Bromochloromethane	50.000	52.383	-4.8	92	0.00
29	T	Tetrahydrofuran	250.000	284.086	-13.6	103	0.00
30	C	Chloroform	50.000	57.004	-14.0#	102	0.00
31	T	Cyclohexane	50.000	50.724	-1.4	93	0.00
32	T	1,1,1-Trichloroethane	50.000	54.459	-8.9	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.384	-4.8	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	53.085	-6.2	97	0.00
36	T	1,1-Dichloropropene	50.000	50.967	-1.9	95	0.00
37	T	Ethyl Acetate	50.000	53.536	-7.1	102	0.00
38	T	Carbon Tetrachloride	50.000	51.336	-2.7	96	0.00
39	T	Methylcyclohexane	50.000	50.171	-0.3	94	0.00
40	TM	Benzene	50.000	54.380	-8.8	101	0.00
41	T	Methacrylonitrile	50.000	53.510	-7.0	112	0.00
42	TM	1,2-Dichloroethane	50.000	52.671	-5.3	99	0.00
43	T	Isopropyl Acetate	50.000	54.089	-8.2	102	0.00
44	TM	Trichloroethene	50.000	53.457	-6.9	101	0.00
45	C	1,2-Dichloropropane	50.000	54.952	-9.9#	103	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	55.756	-11.5	103	0.00
47	T	Bromodichloromethane	50.000	55.723	-11.4	103	0.00
48	T	Methyl methacrylate	50.000	53.248	-6.5	99	0.00
49	T	1,4-Dioxane	1000.000	1165.138	-16.5	107	0.00
50	S	Toluene-d8	50.000	51.789	-3.6	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.262	-9.7	105	0.00
52	CM	Toluene	50.000	54.899	-9.8#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	54.866	-9.7	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.941	-9.9	100	0.00
55	T	1,1,2-Trichloroethane	50.000	56.270	-12.5	105	0.00
56	T	Ethyl methacrylate	50.000	57.425	-14.8	105	0.00
57	T	1,3-Dichloropropane	50.000	55.835	-11.7	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	267.337	-6.9	102	0.00
59	T	2-Hexanone	250.000	269.430	-7.8	101	0.00
60	T	Dibromochloromethane	50.000	57.352	-14.7	105	0.00
61	T	1,2-Dibromoethane	50.000	57.371	-14.7	107	0.00
62	S	4-Bromofluorobenzene	50.000	51.207	-2.4	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	53.221	-6.4	101	0.00
65	PM	Chlorobenzene	50.000	53.923	-7.8	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.965	-9.9	102	0.00
67	C	Ethyl Benzene	50.000	52.938	-5.9#	100	0.00
68	T	m/p-Xylenes	100.000	106.764	-6.8	101	0.00
69	T	o-Xylene	50.000	53.584	-7.2	101	0.00
70	T	Styrene	50.000	54.944	-9.9	103	0.00
71	P	Bromoform	50.000	57.212	-14.4	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	52.676	-5.4	99	0.00
74	T	N-amyl acetate	50.000	53.628	-7.3	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.170	-14.3	108	0.00
76	T	1,2,3-Trichloropropane	50.000	52.200	-4.4	93	0.00
77	T	Bromobenzene	50.000	54.658	-9.3	103	0.00
78	T	n-propylbenzene	50.000	51.552	-3.1	98	0.00
79	T	2-Chlorotoluene	50.000	52.481	-5.0	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.484	-5.0	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.407	-8.8	100	0.00
82	T	4-Chlorotoluene	50.000	51.319	-2.6	98	0.00
83	T	tert-Butylbenzene	50.000	52.536	-5.1	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.186	-4.4	99	0.00
85	T	sec-Butylbenzene	50.000	51.486	-3.0	98	0.00
86	T	p-Isopropyltoluene	50.000	51.181	-2.4	96	0.00
87	T	1,3-Dichlorobenzene	50.000	53.633	-7.3	102	0.00
88	T	1,4-Dichlorobenzene	50.000	52.002	-4.0	101	0.00
89	T	n-Butylbenzene	50.000	49.784	0.4	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.308	-4.6	99	0.00
91 T	1,2-Dichlorobenzene	50.000	53.521	-7.0	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.333	-4.7	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.037	-0.1	98	0.00
94 T	Hexachlorobutadiene	50.000	50.255	-0.5	96	0.00
95 T	Naphthalene	50.000	53.381	-6.8	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.089	-0.2	97	0.00

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