Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vv050620\
Data File : VY002602.D
Acq On : 06 May 2020 09:52
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: May 06 13:31:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	55.478	-11.0	103	0.00
3	P	Chloromethane	50.000	58.790	-17.6	106	0.00
4	C	Vinyl Chloride	50.000	59.171	-18.3#	107	0.00
5	T	Bromomethane	50.000	54.887	-9.8	108	0.01
6	T	Chloroethane	50.000	55.844	-11.7	105	0.00
7	T	Trichlorofluoromethane	50.000	54.021	-8.0	104	0.00
8	T	Diethyl Ether	50.000	54.296	-8.6	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.700	-9.4	106	0.00
10	T	Methyl Iodide	50.000	55.530	-11.1	99	0.00
11	T	Tert butyl alcohol	250.000	218.662	12.5	91	0.00
12	CM	1,1-Dichloroethene	50.000	55.004	-10.0#	107	0.00
13	T	Acrolein	250.000	234.939	6.0	88	0.00
14	T	Allyl chloride	50.000	56.673	-13.3	108	0.00
15	T	Acrylonitrile	250.000	263.686	-5.5	102	0.00
16	T	Acetone	250.000	264.516	-5.8	102	0.01
17	T	Carbon Disulfide	50.000	56.806	-13.6	105	0.00
18	T	Methyl Acetate	50.000	51.727	-3.5	103	0.00
19	T	Methyl tert-butyl Ether	50.000	52.941	-5.9	102	0.00
20	T	Methylene Chloride	50.000	50.590	-1.2	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.052	-10.1	107	0.00
22	T	Diisopropyl ether	50.000	54.982	-10.0	107	0.00
23	T	Vinyl Acetate	250.000	271.353	-8.5	103	0.00
24	P	1,1-Dichloroethane	50.000	55.089	-10.2	106	0.00
25	T	2-Butanone	250.000	252.214	-0.9	98	0.00
26	T	2,2-Dichloropropane	50.000	52.603	-5.2	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.958	-7.9	106	0.00
28	T	Bromochloromethane	50.000	54.808	-9.6	110	0.00
29	T	Tetrahydrofuran	250.000	265.522	-6.2	101	0.00
30	C	Chloroform	50.000	53.134	-6.3#	104	0.00
31	T	Cyclohexane	50.000	53.263	-6.5	108	0.00
32	T	1,1,1-Trichloroethane	50.000	53.194	-6.4	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.636	0.7	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	52.527	-5.1	106	0.00
36	T	1,1-Dichloropropene	50.000	54.861	-9.7	106	0.00
37	T	Ethyl Acetate	50.000	52.372	-4.7	101	0.00
38	T	Carbon Tetrachloride	50.000	54.211	-8.4	105	0.00
39	T	Methylcyclohexane	50.000	55.664	-11.3	108	0.00
40	TM	Benzene	50.000	54.515	-9.0	107	0.00
41	T	Methacrylonitrile	50.000	46.910	6.2	80	0.00
42	TM	1,2-Dichloroethane	50.000	51.368	-2.7	98	0.00
43	T	Isopropyl Acetate	50.000	53.115	-6.2	102	0.00
44	TM	Trichloroethene	50.000	54.993	-10.0	108	0.00
45	C	1,2-Dichloropropane	50.000	54.753	-9.5#	107	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	53.108	-6.2	103	0.00
47	T	Bromodichloromethane	50.000	53.367	-6.7	104	0.00
48	T	Methyl methacrylate	50.000	55.587	-11.2	105	0.00
49	T	1,4-Dioxane	1000.000	1070.316	-7.0	101	0.00
50	S	Toluene-d8	50.000	52.663	-5.3	107	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.339	-6.1	100	0.00
52	CM	Toluene	50.000	54.438	-8.9#	106	0.00
53	T	t-1,3-Dichloropropene	50.000	53.874	-7.7	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.475	-9.0	105	0.00
55	T	1,1,2-Trichloroethane	50.000	52.490	-5.0	101	0.00
56	T	Ethyl methacrylate	50.000	54.562	-9.1	102	0.00
57	T	1,3-Dichloropropane	50.000	52.206	-4.4	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.148	-2.5	106	0.00
59	T	2-Hexanone	250.000	269.421	-7.8	99	0.00
60	T	Dibromochloromethane	50.000	53.338	-6.7	103	0.00
61	T	1,2-Dibromoethane	50.000	52.589	-5.2	103	0.00
62	S	4-Bromofluorobenzene	50.000	52.200	-4.4	107	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	57.554	-15.1	110	0.00
65	PM	Chlorobenzene	50.000	54.059	-8.1	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.760	-9.5	104	0.00
67	C	Ethyl Benzene	50.000	55.031	-10.1#	105	0.00
68	T	m/p-Xylenes	100.000	109.592	-9.6	105	0.00
69	T	o-Xylene	50.000	55.500	-11.0	107	0.00
70	T	Styrene	50.000	55.318	-10.6	104	0.00
71	P	Bromoform	50.000	54.525	-9.0	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	55.498	-11.0	105	0.00
74	T	N-amyl acetate	50.000	55.848	-11.7	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.780	-1.6	94	0.00
76	T	1,2,3-Trichloropropane	50.000	46.593	6.8	84	0.00
77	T	Bromobenzene	50.000	54.580	-9.2	103	0.00
78	T	n-propylbenzene	50.000	55.768	-11.5	106	0.00
79	T	2-Chlorotoluene	50.000	54.531	-9.1	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.486	-11.0	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.942	-9.9	101	0.00
82	T	4-Chlorotoluene	50.000	54.332	-8.7	104	0.00
83	T	tert-Butylbenzene	50.000	56.211	-12.4	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.526	-11.1	105	0.00
85	T	sec-Butylbenzene	50.000	55.820	-11.6	105	0.00
86	T	p-Isopropyltoluene	50.000	55.647	-11.3	104	0.00
87	T	1,3-Dichlorobenzene	50.000	54.357	-8.7	104	0.00
88	T	1,4-Dichlorobenzene	50.000	54.608	-9.2	103	0.00
89	T	n-Butylbenzene	50.000	56.188	-12.4	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.974	-11.9	106	0.00
91 T	1,2-Dichlorobenzene	50.000	54.046	-8.1	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.822	-1.6	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.255	-8.5	103	0.00
94 T	Hexachlorobutadiene	50.000	55.360	-10.7	106	0.00
95 T	Naphthalene	50.000	52.819	-5.6	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.645	-7.3	102	0.00

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