Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv020420\
Data File : VY001497.D
Acq On : 04 Feb 2020 19:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Feb 05 06:03:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	52.429	-4.9	100	0.00
3	P	Chloromethane	50.000	52.881	-5.8	104	0.00
4	C	Vinyl Chloride	50.000	52.621	-5.2#	101	0.00
5	T	Bromomethane	50.000	53.990	-8.0	103	0.00
6	T	Chloroethane	50.000	53.140	-6.3	102	0.00
7	T	Trichlorofluoromethane	50.000	52.191	-4.4	102	0.00
8	T	Diethyl Ether	50.000	56.565	-13.1	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.839	-5.7	102	0.00
10	T	Methyl Iodide	50.000	53.575	-7.2	100	0.00
11	T	Tert butyl alcohol	250.000	310.212	-24.1	132	0.00
12	CM	1,1-Dichloroethene	50.000	52.461	-4.9#	101	0.00
13	T	Acrolein	250.000	287.766	-15.1	121	0.00
14	T	Allyl chloride	50.000	53.784	-7.6	106	0.00
15	T	Acrylonitrile	250.000	301.303	-20.5	124	0.00
16	T	Acetone	250.000	299.265	-19.7	120	0.00
17	T	Carbon Disulfide	50.000	52.932	-5.9	102	0.00
18	T	Methyl Acetate	50.000	59.384	-18.8	127	0.00
19	T	Methyl tert-butyl Ether	50.000	57.723	-15.4	116	0.00
20	T	Methylene Chloride	50.000	56.047	-12.1	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.332	-6.7	105	0.00
22	T	Diisopropyl ether	50.000	55.597	-11.2	109	0.00
23	T	Vinyl Acetate	250.000	283.293	-13.3	112	0.00
24	P	1,1-Dichloroethane	50.000	54.205	-8.4	106	0.00
25	T	2-Butanone	250.000	310.192	-24.1	127	0.00
26	T	2,2-Dichloropropane	50.000	50.014	-0.0	101	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.134	-8.3	107	0.00
28	T	Bromochloromethane	50.000	61.428	-22.9	110	0.00
29	T	Tetrahydrofuran	250.000	316.740	-26.7#	131	0.00
30	C	Chloroform	50.000	54.894	-9.8#	107	0.00
31	T	Cyclohexane	50.000	50.723	-1.4	103	0.00
32	T	1,1,1-Trichloroethane	50.000	53.568	-7.1	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.097	-12.2	112	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	52.336	-4.7	109	0.00
36	T	1,1-Dichloropropene	50.000	52.345	-4.7	103	0.00
37	T	Ethyl Acetate	50.000	61.445	-22.9	130	0.00
38	T	Carbon Tetrachloride	50.000	52.246	-4.5	102	0.00
39	T	Methylcyclohexane	50.000	51.884	-3.8	101	0.00
40	TM	Benzene	50.000	53.325	-6.7	106	0.00
41	T	Methacrylonitrile	50.000	63.300	-26.6#	114	0.00
42	TM	1,2-Dichloroethane	50.000	55.367	-10.7	114	0.00
43	T	Isopropyl Acetate	50.000	60.513	-21.0	126	0.00
44	TM	Trichloroethene	50.000	52.456	-4.9	105	0.00
45	C	1,2-Dichloropropane	50.000	54.291	-8.6#	109	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	55.787	-11.6	113	0.00
47	T	Bromodichloromethane	50.000	55.102	-10.2	109	0.00
48	T	Methyl methacrylate	50.000	59.412	-18.8	123	0.00
49	T	1,4-Dioxane	1000.000	1251.748	-25.2#	134	0.00
50	S	Toluene-d8	50.000	53.954	-7.9	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	309.268	-23.7	130	0.00
52	CM	Toluene	50.000	52.583	-5.2#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	55.339	-10.7	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.464	-8.9	108	0.00
55	T	1,1,2-Trichloroethane	50.000	56.391	-12.8	114	0.00
56	T	Ethyl methacrylate	50.000	59.334	-18.7	120	0.00
57	T	1,3-Dichloropropane	50.000	55.258	-10.5	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	286.744	-14.7	116	0.00
59	T	2-Hexanone	250.000	318.471	-27.4#	131	0.00
60	T	Dibromochloromethane	50.000	56.271	-12.5	112	0.00
61	T	1,2-Dibromoethane	50.000	56.798	-13.6	115	0.00
62	S	4-Bromofluorobenzene	50.000	51.643	-3.3	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	58.864	-17.7	119	0.00
65	PM	Chlorobenzene	50.000	52.658	-5.3	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.579	-5.2	106	0.00
67	C	Ethyl Benzene	50.000	51.936	-3.9#	104	0.00
68	T	m/p-Xylenes	100.000	103.073	-3.1	104	0.00
69	T	o-Xylene	50.000	52.945	-5.9	106	0.00
70	T	Styrene	50.000	53.032	-6.1	106	0.00
71	P	Bromoform	50.000	57.919	-15.8	116	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	50.816	-1.6	104	0.00
74	T	N-amyl acetate	50.000	60.543	-21.1	128	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.544	-15.1	122	0.00
76	T	1,2,3-Trichloropropane	50.000	51.826	-3.7	110	0.00
77	T	Bromobenzene	50.000	52.411	-4.8	107	0.00
78	T	n-propylbenzene	50.000	50.787	-1.6	104	0.00
79	T	2-Chlorotoluene	50.000	51.678	-3.4	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.462	-2.9	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.039	-14.1	121	0.00
82	T	4-Chlorotoluene	50.000	51.465	-2.9	106	0.00
83	T	tert-Butylbenzene	50.000	50.302	-0.6	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.331	-2.7	106	0.00
85	T	sec-Butylbenzene	50.000	51.120	-2.2	104	0.00
86	T	p-Isopropyltoluene	50.000	51.260	-2.5	105	0.00
87	T	1,3-Dichlorobenzene	50.000	51.328	-2.7	107	0.00
88	T	1,4-Dichlorobenzene	50.000	52.367	-4.7	109	0.00
89	T	n-Butylbenzene	50.000	51.980	-4.0	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.488	-7.0	109	0.00
91 T	1,2-Dichlorobenzene	50.000	53.226	-6.5	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.091	-18.2	130	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.773	-7.5	113	0.00
94 T	Hexachlorobutadiene	50.000	51.925	-3.8	108	0.00
95 T	Naphthalene	50.000	55.612	-11.2	125	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.187	-8.4	117	0.00

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