Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008626.D
Acq On : 04 May 2022 20:39
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 05 04:39:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 2022
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	50.206	-0.4	109	0.00
3	P	Chloromethane	50.000	52.367	-4.7	107	0.00
4	C	Vinyl Chloride	50.000	50.764	-1.5#	102	0.00
5	T	Bromomethane	50.000	53.071	-6.1	101	0.00
6	T	Chloroethane	50.000	49.973	0.1	101	0.00
7	T	Trichlorofluoromethane	50.000	53.390	-6.8	108	0.00
8	T	Diethyl Ether	50.000	58.715	-17.4	117	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.889	-11.8	114	0.00
10	T	Methyl Iodide	50.000	59.847	-19.7	108	0.00
11	T	Tert butyl alcohol	250.000	299.254	-19.7	120	0.00
12	CM	1,1-Dichloroethene	50.000	56.716	-13.4#	113	0.00
13	T	Acrolein	250.000	269.243	-7.7	108	0.00
14	T	Allyl chloride	50.000	61.646	-23.3	121	0.00
15	T	Acrylonitrile	250.000	316.518	-26.6#	126	0.00
16	T	Acetone	250.000	283.323	-13.3	110	0.00
17	T	Carbon Disulfide	50.000	59.507	-19.0	117	0.00
18	T	Methyl Acetate	50.000	63.312	-26.6#	126	0.00
19	T	Methyl tert-butyl Ether	50.000	58.397	-16.8	116	0.00
20	T	Methylene Chloride	50.000	66.177	-32.4#	125	0.00
21	T	trans-1,2-Dichloroethene	50.000	58.960	-17.9	117	0.00
22	T	Diisopropyl ether	50.000	62.361	-24.7	122	0.00
23	T	Vinyl Acetate	250.000	316.900	-26.8#	120	0.00
24	P	1,1-Dichloroethane	50.000	60.709	-21.4	119	0.00
25	T	2-Butanone	250.000	308.327	-23.3	122	0.00
26	T	2,2-Dichloropropane	50.000	53.554	-7.1	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	59.025	-18.0	117	0.00
28	T	Bromochloromethane	50.000	58.623	-17.2	116	0.00
29	T	Tetrahydrofuran	250.000	320.364	-28.1#	128	0.00
30	C	Chloroform	50.000	58.535	-17.1#	115	0.00
31	T	Cyclohexane	50.000	58.312	-16.6	120	0.00
32	T	1,1,1-Trichloroethane	50.000	56.433	-12.9	112	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.339	-12.7	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	58.017	-16.0	115	0.00
36	T	1,1-Dichloropropene	50.000	56.979	-14.0	118	0.00
37	T	Ethyl Acetate	50.000	58.581	-17.2	124	0.00
38	T	Carbon Tetrachloride	50.000	53.508	-7.0	110	0.00
39	T	Methylcyclohexane	50.000	56.339	-12.7	116	0.00
40	TM	Benzene	50.000	58.373	-16.7	119	0.00
41	T	Methacrylonitrile	50.000	67.782	-35.6#	150	0.01
42	TM	1,2-Dichloroethane	50.000	53.802	-7.6	110	0.00
43	T	Isopropyl Acetate	50.000	58.410	-16.8	119	0.00
44	TM	Trichloroethene	50.000	55.026	-10.1	115	0.00
45	C	1,2-Dichloropropane	50.000	60.202	-20.4#	122	0.00
46	T	Dibromomethane	50.000	56.039	-12.1	115	0.00
47	T	Bromodichloromethane	50.000	56.708	-13.4	115	0.00
48	T	Methyl methacrylate	50.000	58.296	-16.6	120	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1198.484	-19.8	120	0.00
50	S	Toluene-d8	50.000	59.336	-18.7	117	0.00
51	T	4-Methyl-2-Pentanone	250.000	300.127	-20.1	123	0.00
52	CM	Toluene	50.000	58.066	-16.1#	119	0.00
53	T	t-1,3-Dichloropropene	50.000	56.943	-13.9	115	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.781	-15.6	116	0.00
55	T	1,1,2-Trichloroethane	50.000	57.608	-15.2	119	0.00
56	T	Ethyl methacrylate	50.000	60.372	-20.7	120	0.00
57	T	1,3-Dichloropropane	50.000	58.663	-17.3	119	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	283.210	-13.3	110	0.00
59	T	2-Hexanone	250.000	306.863	-22.7	122	0.00
60	T	Dibromochloromethane	50.000	56.174	-12.3	113	0.00
61	T	1,2-Dibromoethane	50.000	56.755	-13.5	116	0.00
62	S	4-Bromofluorobenzene	50.000	56.631	-13.3	113	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	53.137	-6.3	113	0.00
65	PM	Chlorobenzene	50.000	56.115	-12.2	116	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.726	-11.5	114	0.00
67	C	Ethyl Benzene	50.000	56.921	-13.8#	117	0.00
68	T	m/p-Xylenes	100.000	112.869	-12.9	117	0.00
69	T	o-Xylene	50.000	56.868	-13.7	117	0.00
70	T	Styrene	50.000	57.421	-14.8	117	0.00
71	P	Bromoform	50.000	54.825	-9.7	112	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	56.709	-13.4	116	0.00
74	T	N-amyl acetate	50.000	59.301	-18.6	117	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	59.498	-19.0	122	0.00
76	T	1,2,3-Trichloropropane	50.000	63.879	-27.8#	140	0.00
77	T	Bromobenzene	50.000	55.096	-10.2	115	0.00
78	T	n-propylbenzene	50.000	57.798	-15.6	118	0.00
79	T	2-Chlorotoluene	50.000	57.054	-14.1	117	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.848	-13.7	116	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.715	-17.4	116	0.00
82	T	4-Chlorotoluene	50.000	57.788	-15.6	118	0.00
83	T	tert-Butylbenzene	50.000	56.597	-13.2	115	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.756	-13.5	115	0.00
85	T	sec-Butylbenzene	50.000	56.739	-13.5	116	0.00
86	T	p-Isopropyltoluene	50.000	56.565	-13.1	114	0.00
87	T	1,3-Dichlorobenzene	50.000	54.684	-9.4	113	0.00
88	T	1,4-Dichlorobenzene	50.000	54.775	-9.5	114	0.00
89	T	n-Butylbenzene	50.000	57.068	-14.1	115	0.00
90	T	Hexachloroethane	50.000	57.885	-15.8	118	0.00
91	T	1,2-Dichlorobenzene	50.000	55.338	-10.7	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	58.771	-17.5	123	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.762	-7.5	110	0.00
94	T	Hexachlorobutadiene	50.000	51.410	-2.8	106	0.00
95	T	Naphthalene	50.000	56.943	-13.9	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.628	-7.3	110	0.00

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