Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
Data File : VY008742.D
Acq On : 13 May 2022 11:51
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 16 05:49:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
Quant Title : SW846 8260
QLast Update : Fri May 13 02:08:33 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	94	0.00
2	T	Dichlorodifluoromethane	50.000	52.203	-4.4	96	0.00
3	P	Chloromethane	50.000	50.025	-0.0	97	0.00
4	C	Vinyl Chloride	50.000	47.265	5.5#	92	0.00
5	T	Bromomethane	50.000	49.764	0.5	96	0.00
6	T	Chloroethane	50.000	48.155	3.7	95	0.00
7	T	Trichlorofluoromethane	50.000	47.613	4.8	96	0.00
8	T	Diethyl Ether	50.000	52.830	-5.7	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.764	2.5	97	0.00
10	T	Methyl Iodide	50.000	58.116	-16.2	108	0.00
11	T	Tert butyl alcohol	250.000	125.177	49.9#	104	0.00
12	CM	1,1-Dichloroethene	50.000	48.783	2.4#	98	0.00
13	T	Acrolein	250.000	218.129	12.7	114	0.00
14	T	Allyl chloride	50.000	51.639	-3.3	104	0.00
15	T	Acrylonitrile	250.000	267.287	-6.9	114	0.00
16	T	Acetone	250.000	313.265	-25.3#	122	0.00
17	T	Carbon Disulfide	50.000	48.018	4.0	100	0.00
18	T	Methyl Acetate	50.000	54.308	-8.6	110	0.00
19	T	Methyl tert-butyl Ether	50.000	53.452	-6.9	108	0.00
20	T	Methylene Chloride	50.000	55.225	-10.5	103	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.214	-0.4	102	0.00
22	T	Diisopropyl ether	50.000	53.554	-7.1	105	0.00
23	T	Vinyl Acetate	250.000	305.106	-22.0	110	0.00
24	P	1,1-Dichloroethane	50.000	52.052	-4.1	103	0.00
25	T	2-Butanone	250.000	282.943	-13.2	118	0.00
26	T	2,2-Dichloropropane	50.000	52.777	-5.6	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.159	-8.3	106	0.00
28	T	Bromochloromethane	50.000	48.303	3.4	100	0.00
29	T	Tetrahydrofuran	250.000	270.776	-8.3	113	0.00
30	C	Chloroform	50.000	53.047	-6.1#	104	0.00
31	T	Cyclohexane	50.000	52.679	-5.4	97	0.00
32	T	1,1,1-Trichloroethane	50.000	51.462	-2.9	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.417	1.2	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	47.346	5.3	98	0.00
36	T	1,1-Dichloropropene	50.000	48.945	2.1	99	0.00
37	T	Ethyl Acetate	50.000	51.808	-3.6	117	0.00
38	T	Carbon Tetrachloride	50.000	49.404	1.2	99	0.00
39	T	Methylcyclohexane	50.000	47.131	5.7	95	0.00
40	TM	Benzene	50.000	51.008	-2.0	104	0.00
41	T	Methacrylonitrile	50.000	47.806	4.4	92	-0.01
42	TM	1,2-Dichloroethane	50.000	51.857	-3.7	107	0.00
43	T	Isopropyl Acetate	50.000	53.185	-6.4	112	0.00
44	TM	Trichloroethene	50.000	52.088	-4.2	104	0.00
45	C	1,2-Dichloropropane	50.000	52.609	-5.2#	106	0.00
46	T	Dibromomethane	50.000	51.495	-3.0	106	0.00
47	T	Bromodichloromethane	50.000	52.309	-4.6	106	0.00
48	T	Methyl methacrylate	50.000	53.249	-6.5	112	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	1092.581	-9.3	119	0.00
50	S	Toluene-d8	50.000	45.570	8.9	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.418	-7.4	114	0.00
52	CM	Toluene	50.000	51.987	-4.0#	103	0.00
53	T	t-1,3-Dichloropropene	50.000	54.052	-8.1	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.339	-2.7	105	0.00
55	T	1,1,2-Trichloroethane	50.000	52.084	-4.2	106	0.00
56	T	Ethyl methacrylate	50.000	54.751	-9.5	110	0.00
57	T	1,3-Dichloropropane	50.000	53.193	-6.4	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	259.460	-3.8	106	0.00
59	T	2-Hexanone	250.000	282.499	-13.0	117	0.00
60	T	Dibromochloromethane	50.000	53.588	-7.2	108	0.00
61	T	1,2-Dibromoethane	50.000	53.222	-6.4	112	0.00
62	S	4-Bromofluorobenzene	50.000	48.595	2.8	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	48.947	2.1	102	0.00
65	PM	Chlorobenzene	50.000	52.748	-5.5	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.959	-7.9	105	0.00
67	C	Ethyl Benzene	50.000	53.260	-6.5#	102	0.00
68	T	m/p-Xylenes	100.000	108.646	-8.6	102	0.00
69	T	o-Xylene	50.000	54.754	-9.5	104	0.00
70	T	Styrene	50.000	56.324	-12.6	102	0.00
71	P	Bromoform	50.000	54.619	-9.2	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	51.008	-2.0	100	0.00
74	T	N-amyl acetate	50.000	53.804	-7.6	110	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.971	0.1	110	0.00
76	T	1,2,3-Trichloropropane	50.000	57.465	-14.9	114	0.00
77	T	Bromobenzene	50.000	49.726	0.5	104	0.00
78	T	n-propylbenzene	50.000	50.823	-1.6	100	0.00
79	T	2-Chlorotoluene	50.000	51.694	-3.4	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.225	-4.5	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.797	-5.6	110	0.00
82	T	4-Chlorotoluene	50.000	51.672	-3.3	99	0.00
83	T	tert-Butylbenzene	50.000	51.081	-2.2	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.329	-6.7	101	0.00
85	T	sec-Butylbenzene	50.000	52.174	-4.3	98	0.00
86	T	p-Isopropyltoluene	50.000	52.660	-5.3	98	0.00
87	T	1,3-Dichlorobenzene	50.000	51.967	-3.9	101	0.00
88	T	1,4-Dichlorobenzene	50.000	51.740	-3.5	102	0.00
89	T	n-Butylbenzene	50.000	51.160	-2.3	97	0.00
90	T	Hexachloroethane	50.000	51.485	-3.0	100	0.00
91	T	1,2-Dichlorobenzene	50.000	51.863	-3.7	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.190	-0.4	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.602	2.8	103	0.00
94	T	Hexachlorobutadiene	50.000	46.703	6.6	97	0.00
95	T	Naphthalene	50.000	50.295	-0.6	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.778	4.4	104	0.00

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