Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
Data File : VY011722.D
Acq On : 07 Dec 2022 09:36
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: Dec 08 07:54:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 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	55.849	-11.7	111	0.00
3	P	Chloromethane	50.000	44.155	11.7	86	0.00
4	C	Vinyl Chloride	50.000	39.853	20.3#	84	0.00
5	T	Bromomethane	50.000	42.061	15.9	84	0.00
6	T	Chloroethane	50.000	40.208	19.6	86	0.00
7	T	Trichlorofluoromethane	50.000	51.667	-3.3	111	0.00
8	T	Diethyl Ether	50.000	53.538	-7.1	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.483	-7.0	111	0.00
10	T	Methyl Iodide	50.000	53.048	-6.1	99	0.00
11	T	Tert butyl alcohol	250.000	252.346	-0.9	110	0.00
12	CM	1,1-Dichloroethene	50.000	52.160	-4.3#	107	-0.01
13	T	Acrolein	250.000	169.052	32.4#	107	0.00
14	T	Allyl chloride	50.000	49.869	0.3	98	-0.01
15	T	Acrylonitrile	250.000	270.837	-8.3	112	-0.01
16	T	Acetone	250.000	277.525	-11.0	115	0.00
17	T	Carbon Disulfide	50.000	45.837	8.3	93	0.00
18	T	Methyl Acetate	50.000	48.576	2.8	105	-0.01
19	T	Methyl tert-butyl Ether	50.000	56.913	-13.8	113	0.00
20	T	Methylene Chloride	50.000	46.403	7.2	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.199	-4.4	104	-0.01
22	T	Diisopropyl ether	50.000	51.799	-3.6	100	0.00
23	T	Vinyl Acetate	250.000	267.099	-6.8	100	0.00
24	P	1,1-Dichloroethane	50.000	51.731	-3.5	106	-0.01
25	T	2-Butanone	250.000	254.744	-1.9	105	0.00
26	T	2,2-Dichloropropane	50.000	53.827	-7.7	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.664	-5.3	104	0.00
28	T	Bromochloromethane	50.000	46.676	6.6	93	-0.01
29	T	Tetrahydrofuran	250.000	254.589	-1.8	104	0.00
30	C	Chloroform	50.000	54.064	-8.1#	110	0.00
31	T	Cyclohexane	50.000	47.762	4.5	98	0.00
32	T	1,1,1-Trichloroethane	50.000	54.090	-8.2	111	-0.01
33	S	1,2-Dichloroethane-d4	50.000	47.931	4.1	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	52.284	-4.6	111	0.00
36	T	1,1-Dichloropropene	50.000	52.705	-5.4	103	0.00
37	T	Ethyl Acetate	50.000	51.240	-2.5	103	0.00
38	T	Carbon Tetrachloride	50.000	55.772	-11.5	112	0.00
39	T	Methylcyclohexane	50.000	53.642	-7.3	101	0.00
40	TM	Benzene	50.000	52.862	-5.7	103	0.00
41	T	Methacrylonitrile	50.000	59.531	-19.1	125	0.00
42	TM	1,2-Dichloroethane	50.000	52.843	-5.7	107	0.00
43	T	Isopropyl Acetate	50.000	51.206	-2.4	101	0.00
44	TM	Trichloroethene	50.000	54.495	-9.0	109	0.00
45	C	1,2-Dichloropropane	50.000	53.009	-6.0#	104	0.00
46	T	Dibromomethane	50.000	52.676	-5.4	106	0.00
47	T	Bromodichloromethane	50.000	54.777	-9.6	109	0.00
48	T	Methyl methacrylate	50.000	52.101	-4.2	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1166.251	-16.6	116	0.00
50	S	Toluene-d8	50.000	48.236	3.5	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	264.356	-5.7	103	0.00
52	CM	Toluene	50.000	53.651	-7.3#	103	0.00
53	T	t-1,3-Dichloropropene	50.000	54.474	-8.9	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.166	-8.3	106	0.00
55	T	1,1,2-Trichloroethane	50.000	54.344	-8.7	109	0.00
56	T	Ethyl methacrylate	50.000	56.968	-13.9	109	0.00
57	T	1,3-Dichloropropane	50.000	54.280	-8.6	107	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.574	-1.4	95	0.00
59	T	2-Hexanone	250.000	273.074	-9.2	105	0.00
60	T	Dibromochloromethane	50.000	55.752	-11.5	111	0.00
61	T	1,2-Dibromoethane	50.000	53.626	-7.3	107	0.00
62	S	4-Bromofluorobenzene	50.000	51.073	-2.1	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	56.125	-12.3	107	0.00
65	PM	Chlorobenzene	50.000	55.258	-10.5	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.887	-15.8	108	0.00
67	C	Ethyl Benzene	50.000	55.567	-11.1#	103	0.00
68	T	m/p-Xylenes	100.000	112.764	-12.8	103	0.00
69	T	o-Xylene	50.000	57.438	-14.9	103	0.00
70	T	Styrene	50.000	57.969	-15.9	104	0.00
71	P	Bromoform	50.000	56.404	-12.8	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	57.311	-14.6	104	0.00
74	T	N-amyl acetate	50.000	53.649	-7.3	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.896	-5.8	104	0.00
76	T	1,2,3-Trichloropropane	50.000	55.062	-10.1	98	0.00
77	T	Bromobenzene	50.000	55.406	-10.8	106	0.00
78	T	n-propylbenzene	50.000	56.464	-12.9	102	0.00
79	T	2-Chlorotoluene	50.000	55.665	-11.3	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.550	-15.1	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.508	-11.0	109	0.00
82	T	4-Chlorotoluene	50.000	55.652	-11.3	103	0.00
83	T	tert-Butylbenzene	50.000	57.909	-15.8	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.309	-14.6	104	0.00
85	T	sec-Butylbenzene	50.000	57.603	-15.2	104	0.00
86	T	p-Isopropyltoluene	50.000	57.853	-15.7	104	0.00
87	T	1,3-Dichlorobenzene	50.000	54.783	-9.6	104	0.00
88	T	1,4-Dichlorobenzene	50.000	54.238	-8.5	104	0.00
89	T	n-Butylbenzene	50.000	57.565	-15.1	103	0.00
90	T	Hexachloroethane	50.000	54.765	-9.5	107	0.00
91	T	1,2-Dichlorobenzene	50.000	55.284	-10.6	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.937	-9.9	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	59.444	-18.9	113	0.00
94	T	Hexachlorobutadiene	50.000	60.824	-21.6	119	0.00
95	T	Naphthalene	50.000	54.745	-9.5	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	59.679	-19.4	115	0.00

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