Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
Data File : VY013567.D
Acq On : 02 May 2023 19:17
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 03 01:35:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
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	108	0.00
2	T	Dichlorodifluoromethane	50.000	51.999	-4.0	109	0.00
3	P	Chloromethane	50.000	44.706	10.6	99	0.00
4	C	Vinyl Chloride	50.000	45.188	9.6#	100	0.00
5	T	Bromomethane	50.000	43.738	12.5	101	0.00
6	T	Chloroethane	50.000	45.379	9.2	104	0.00
7	T	Trichlorofluoromethane	50.000	50.048	-0.1	109	0.00
8	T	Diethyl Ether	50.000	53.236	-6.5	113	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.281	-0.6	112	0.00
10	T	Methyl Iodide	50.000	47.220	5.6	94	0.00
11	T	Tert butyl alcohol	250.000	314.385	-25.8#	147	0.01
12	CM	1,1-Dichloroethene	50.000	49.164	1.7#	105	0.00
13	T	Acrolein	250.000	258.204	-3.3	119	0.00
14	T	Allyl chloride	50.000	49.945	0.1	106	0.00
15	T	Acrylonitrile	250.000	317.403	-27.0#	133	0.00
16	T	Acetone	250.000	310.148	-24.1	122	0.00
17	T	Carbon Disulfide	50.000	47.154	5.7	100	0.00
18	T	Methyl Acetate	50.000	61.307	-22.6	131	0.00
19	T	Methyl tert-butyl Ether	50.000	56.305	-12.6	118	0.00
20	T	Methylene Chloride	50.000	53.010	-6.0	116	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.600	-3.2	109	0.00
22	T	Diisopropyl ether	50.000	54.283	-8.6	115	0.00
23	T	Vinyl Acetate	250.000	318.893	-27.6#	131	0.00
24	P	1,1-Dichloroethane	50.000	52.426	-4.9	113	0.00
25	T	2-Butanone	250.000	313.952	-25.6#	129	0.00
26	T	2,2-Dichloropropane	50.000	51.609	-3.2	111	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.767	-7.5	115	0.00
28	T	Bromochloromethane	50.000	51.770	-3.5	113	0.00
29	T	Tetrahydrofuran	250.000	325.911	-30.4#	135	0.00
30	C	Chloroform	50.000	55.347	-10.7#	120	0.00
31	T	Cyclohexane	50.000	46.697	6.6	105	0.00
32	T	1,1,1-Trichloroethane	50.000	54.235	-8.5	117	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.312	-6.6	122	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	52.673	-5.3	119	0.00
36	T	1,1-Dichloropropene	50.000	52.096	-4.2	111	0.00
37	T	Ethyl Acetate	50.000	63.450	-26.9#	129	0.00
38	T	Carbon Tetrachloride	50.000	55.618	-11.2	117	0.00
39	T	Methylcyclohexane	50.000	51.724	-3.4	108	0.00
40	TM	Benzene	50.000	54.382	-8.8	114	0.00
41	T	Methacrylonitrile	50.000	67.048	-34.1#	138	0.00
42	TM	1,2-Dichloroethane	50.000	59.604	-19.2	124	0.00
43	T	Isopropyl Acetate	50.000	61.203	-22.4	126	0.00
44	TM	Trichloroethene	50.000	54.409	-8.8	115	0.00
45	C	1,2-Dichloropropane	50.000	55.132	-10.3#	116	0.00
46	T	Dibromomethane	50.000	58.830	-17.7	123	0.00
47	T	Bromodichloromethane	50.000	58.073	-16.1	122	0.00
48	T	Methyl methacrylate	50.000	62.270	-24.5	124	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1406.927	-40.7#	143	0.00
50	S	Toluene-d8	50.000	50.178	-0.4	114	0.00
51	T	4-Methyl-2-Pentanone	250.000	334.864	-33.9#	135	0.00
52	CM	Toluene	50.000	55.761	-11.5#	116	0.00
53	T	t-1,3-Dichloropropene	50.000	58.237	-16.5	120	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.750	-11.5	117	0.00
55	T	1,1,2-Trichloroethane	50.000	59.129	-18.3	124	0.00
56	T	Ethyl methacrylate	50.000	63.116	-26.2#	125	0.00
57	T	1,3-Dichloropropane	50.000	59.975	-20.0	126	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.002	-11.2	126	0.00
59	T	2-Hexanone	250.000	345.410	-38.2#	135	0.00
60	T	Dibromochloromethane	50.000	60.170	-20.3	124	0.00
61	T	1,2-Dibromoethane	50.000	59.988	-20.0	124	0.00
62	S	4-Bromofluorobenzene	50.000	54.160	-8.3	123	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64	T	Tetrachloroethene	50.000	55.464	-10.9	122	0.00
65	PM	Chlorobenzene	50.000	54.430	-8.9	120	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.868	-13.7	126	0.00
67	C	Ethyl Benzene	50.000	55.098	-10.2#	119	0.00
68	T	m/p-Xylenes	100.000	109.217	-9.2	118	0.00
69	T	o-Xylene	50.000	55.279	-10.6	118	0.00
70	T	Styrene	50.000	57.256	-14.5	123	0.00
71	P	Bromoform	50.000	61.830	-23.7	134	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.00
73	T	Isopropylbenzene	50.000	52.040	-4.1	119	0.00
74	T	N-amyl acetate	50.000	57.831	-15.7	126	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.775	-15.5	132	0.00
76	T	1,2,3-Trichloropropane	50.000	58.312	-16.6	131	0.00
77	T	Bromobenzene	50.000	54.836	-9.7	125	0.00
78	T	n-propylbenzene	50.000	52.178	-4.4	119	0.00
79	T	2-Chlorotoluene	50.000	52.515	-5.0	120	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.436	-6.9	121	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.372	-12.7	123	0.00
82	T	4-Chlorotoluene	50.000	52.264	-4.5	119	0.00
83	T	tert-Butylbenzene	50.000	53.194	-6.4	120	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.047	-10.1	123	0.00
85	T	sec-Butylbenzene	50.000	51.996	-4.0	119	0.00
86	T	p-Isopropyltoluene	50.000	53.376	-6.8	121	0.00
87	T	1,3-Dichlorobenzene	50.000	53.566	-7.1	124	0.00
88	T	1,4-Dichlorobenzene	50.000	53.085	-6.2	124	0.00
89	T	n-Butylbenzene	50.000	51.539	-3.1	118	0.00
90	T	Hexachloroethane	50.000	50.531	-1.1	119	0.00
91	T	1,2-Dichlorobenzene	50.000	54.683	-9.4	125	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	62.886	-25.8#	147	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.832	-13.7	132	0.00
94	T	Hexachlorobutadiene	50.000	54.333	-8.7	130	0.00
95	T	Naphthalene	50.000	63.876	-27.8#	142	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	59.496	-19.0	136	0.00

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