Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
Data File : VY013359.D
Acq On : 19 Apr 2023 20:35
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: Apr 20 06:58:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	52.124	-4.2	109	0.00
3	P	Chloromethane	50.000	45.631	8.7	97	0.00
4	C	Vinyl Chloride	50.000	47.771	4.5#	101	0.00
5	T	Bromomethane	50.000	41.553	16.9	90	0.00
6	T	Chloroethane	50.000	43.086	13.8	93	0.00
7	T	Trichlorofluoromethane	50.000	52.777	-5.6	113	0.00
8	T	Diethyl Ether	50.000	52.764	-5.5	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.628	-3.3	109	0.00
10	T	Methyl Iodide	50.000	54.181	-8.4	106	0.00
11	T	Tert butyl alcohol	250.000	239.635	4.1	95	0.00
12	CM	1,1-Dichloroethene	50.000	51.280	-2.6#	107	0.00
13	T	Acrolein	250.000	235.639	5.7	96	0.00
14	T	Allyl chloride	50.000	48.660	2.7	101	0.00
15	T	Acrylonitrile	250.000	280.666	-12.3	112	0.00
16	T	Acetone	250.000	214.111	14.4	85	0.00
17	T	Carbon Disulfide	50.000	47.461	5.1	99	0.00
18	T	Methyl Acetate	50.000	55.374	-10.7	110	0.00
19	T	Methyl tert-butyl Ether	50.000	55.773	-11.5	112	0.00
20	T	Methylene Chloride	50.000	59.692	-19.4	123	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.830	-3.7	107	0.00
22	T	Diisopropyl ether	50.000	49.061	1.9	99	0.00
23	T	Vinyl Acetate	250.000	258.239	-3.3	101	0.00
24	P	1,1-Dichloroethane	50.000	50.970	-1.9	107	0.00
25	T	2-Butanone	250.000	261.580	-4.6	103	0.00
26	T	2,2-Dichloropropane	50.000	48.815	2.4	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.080	-10.2	113	0.00
28	T	Bromochloromethane	50.000	48.314	3.4	98	0.00
29	T	Tetrahydrofuran	250.000	284.740	-13.9	108	0.00
30	C	Chloroform	50.000	53.256	-6.5#	113	0.00
31	T	Cyclohexane	50.000	45.828	8.3	99	0.00
32	T	1,1,1-Trichloroethane	50.000	51.545	-3.1	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.815	2.4	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	56.973	-13.9	113	0.00
36	T	1,1-Dichloropropene	50.000	52.674	-5.3	105	0.00
37	T	Ethyl Acetate	50.000	53.103	-6.2	100	0.00
38	T	Carbon Tetrachloride	50.000	53.616	-7.2	108	0.00
39	T	Methylcyclohexane	50.000	53.807	-7.6	103	0.00
40	TM	Benzene	50.000	54.226	-8.5	108	0.00
41	T	Methacrylonitrile	50.000	54.372	-8.7	105	0.00
42	TM	1,2-Dichloroethane	50.000	53.977	-8.0	107	0.00
43	T	Isopropyl Acetate	50.000	55.930	-11.9	106	0.00
44	TM	Trichloroethene	50.000	57.750	-15.5	117	0.00
45	C	1,2-Dichloropropane	50.000	55.568	-11.1#	110	0.00
46	T	Dibromomethane	50.000	58.250	-16.5	114	0.00
47	T	Bromodichloromethane	50.000	56.013	-12.0	114	0.00
48	T	Methyl methacrylate	50.000	56.683	-13.4	105	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	1321.224	-32.1#	126	0.00
50	S	Toluene-d8	50.000	52.897	-5.8	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	294.995	-18.0	109	0.00
52	CM	Toluene	50.000	54.558	-9.1#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	57.188	-14.4	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.946	-13.9	112	0.00
55	T	1,1,2-Trichloroethane	50.000	59.000	-18.0	119	0.00
56	T	Ethyl methacrylate	50.000	62.568	-25.1#	115	0.00
57	T	1,3-Dichloropropane	50.000	57.571	-15.1	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	274.002	-9.6	107	0.00
59	T	2-Hexanone	250.000	287.940	-15.2	104	0.00
60	T	Dibromochloromethane	50.000	60.252	-20.5	119	0.00
61	T	1,2-Dibromoethane	50.000	61.960	-23.9	120	0.00
62	S	4-Bromofluorobenzene	50.000	54.522	-9.0	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	58.280	-16.6	121	0.00
65	PM	Chlorobenzene	50.000	53.405	-6.8	111	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.418	-12.8	115	0.00
67	C	Ethyl Benzene	50.000	53.594	-7.2#	108	0.00
68	T	m/p-Xylenes	100.000	108.090	-8.1	109	0.00
69	T	o-Xylene	50.000	55.616	-11.2	111	0.00
70	T	Styrene	50.000	55.546	-11.1	109	0.00
71	P	Bromoform	50.000	59.486	-19.0	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	55.386	-10.8	109	0.00
74	T	N-amyl acetate	50.000	53.387	-6.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.760	-11.5	110	0.00
76	T	1,2,3-Trichloropropane	50.000	53.871	-7.7	107	0.00
77	T	Bromobenzene	50.000	57.162	-14.3	113	0.00
78	T	n-propylbenzene	50.000	53.741	-7.5	105	0.00
79	T	2-Chlorotoluene	50.000	53.937	-7.9	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.676	-11.4	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.328	-12.7	108	0.00
82	T	4-Chlorotoluene	50.000	53.733	-7.5	107	0.00
83	T	tert-Butylbenzene	50.000	57.018	-14.0	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.446	-12.9	109	0.00
85	T	sec-Butylbenzene	50.000	54.900	-9.8	108	0.00
86	T	p-Isopropyltoluene	50.000	55.836	-11.7	108	0.00
87	T	1,3-Dichlorobenzene	50.000	55.060	-10.1	112	0.00
88	T	1,4-Dichlorobenzene	50.000	54.486	-9.0	110	0.00
89	T	n-Butylbenzene	50.000	53.948	-7.9	105	0.00
90	T	Hexachloroethane	50.000	54.858	-9.7	113	0.00
91	T	1,2-Dichlorobenzene	50.000	55.724	-11.4	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	61.461	-22.9	118	0.00
93	T	1,2,4-Trichlorobenzene	50.000	60.776	-21.6	119	0.00
94	T	Hexachlorobutadiene	50.000	59.663	-19.3	121	0.00
95	T	Naphthalene	50.000	59.250	-18.5	125	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	62.513	-25.0#	124	0.00

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