Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
Data File : VY013654.D
Acq On : 08 May 2023 17:45
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 09 05:00:10 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	82	0.00
2	T	Dichlorodifluoromethane	50.000	53.843	-7.7	86	0.00
3	P	Chloromethane	50.000	57.871	-15.7	97	0.00
4	C	Vinyl Chloride	50.000	56.039	-12.1#	94	0.00
5	T	Bromomethane	50.000	57.086	-14.2	101	0.00
6	T	Chloroethane	50.000	54.769	-9.5	95	0.00
7	T	Trichlorofluoromethane	50.000	55.798	-11.6	93	0.00
8	T	Diethyl Ether	50.000	59.920	-19.8	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	56.779	-13.6	96	0.00
10	T	Methyl Iodide	50.000	52.841	-5.7	80	0.00
11	T	Tert butyl alcohol	250.000	300.643	-20.3	107	0.00
12	CM	1,1-Dichloroethene	50.000	54.279	-8.6#	88	0.00
13	T	Acrolein	250.000	150.601	39.8#	54	0.00
14	T	Allyl chloride	50.000	59.961	-19.9	97	0.00
15	T	Acrylonitrile	250.000	315.407	-26.2#	100	0.00
16	T	Acetone	250.000	314.492	-25.8#	94	0.00
17	T	Carbon Disulfide	50.000	49.280	1.4	79	0.00
18	T	Methyl Acetate	50.000	61.700	-23.4	100	0.00
19	T	Methyl tert-butyl Ether	50.000	62.492	-25.0	99	0.00
20	T	Methylene Chloride	50.000	62.059	-24.1	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	57.584	-15.2	93	0.00
22	T	Diisopropyl ether	50.000	66.353	-32.7#	107	0.00
23	T	Vinyl Acetate	250.000	360.116	-44.0#	112	0.00
24	P	1,1-Dichloroethane	50.000	63.193	-26.4#	103	0.00
25	T	2-Butanone	250.000	318.543	-27.4#	100	0.00
26	T	2,2-Dichloropropane	50.000	60.912	-21.8	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	61.817	-23.6	101	0.00
28	T	Bromochloromethane	50.000	62.434	-24.9	104	0.00
29	T	Tetrahydrofuran	250.000	315.224	-26.1#	100	0.00
30	C	Chloroform	50.000	63.628	-27.3#	105	0.00
31	T	Cyclohexane	50.000	52.591	-5.2	90	0.00
32	T	1,1,1-Trichloroethane	50.000	60.543	-21.1	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.123	-14.2	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	55.822	-11.6	101	0.00
36	T	1,1-Dichloropropene	50.000	56.392	-12.8	97	0.00
37	T	Ethyl Acetate	50.000	59.975	-20.0	98	0.00
38	T	Carbon Tetrachloride	50.000	56.838	-13.7	96	0.00
39	T	Methylcyclohexane	50.000	53.211	-6.4	89	0.00
40	TM	Benzene	50.000	59.216	-18.4	100	0.00
41	T	Methacrylonitrile	50.000	67.864	-35.7#	112	0.00
42	TM	1,2-Dichloroethane	50.000	60.945	-21.9	102	0.00
43	T	Isopropyl Acetate	50.000	61.832	-23.7	102	0.00
44	TM	Trichloroethene	50.000	57.388	-14.8	97	0.00
45	C	1,2-Dichloropropane	50.000	62.515	-25.0#	106	0.00
46	T	Dibromomethane	50.000	60.214	-20.4	101	0.00
47	T	Bromodichloromethane	50.000	63.363	-26.7#	107	0.00
48	T	Methyl methacrylate	50.000	62.191	-24.4	99	0.00

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Quant Title : SW846 8260
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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	1175.925	-17.6	96	0.00
50	S	Toluene-d8	50.000	51.944	-3.9	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	313.906	-25.6#	102	0.00
52	CM	Toluene	50.000	60.251	-20.5#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	62.248	-24.5	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	61.488	-23.0	103	0.00
55	T	1,1,2-Trichloroethane	50.000	61.658	-23.3	104	0.00
56	T	Ethyl methacrylate	50.000	63.889	-27.8#	102	0.00
57	T	1,3-Dichloropropane	50.000	62.975	-25.9#	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	290.889	-16.4	106	0.00
59	T	2-Hexanone	250.000	317.781	-27.1#	100	0.00
60	T	Dibromochloromethane	50.000	61.989	-24.0	102	0.00
61	T	1,2-Dibromoethane	50.000	61.074	-22.1	101	0.00
62	S	4-Bromofluorobenzene	50.000	59.025	-18.0	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64	T	Tetrachloroethene	50.000	54.492	-9.0	97	0.00
65	PM	Chlorobenzene	50.000	57.571	-15.1	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	60.192	-20.4	108	0.00
67	C	Ethyl Benzene	50.000	58.563	-17.1#	103	0.00
68	T	m/p-Xylenes	100.000	117.268	-17.3	103	0.00
69	T	o-Xylene	50.000	59.170	-18.3	102	0.00
70	T	Styrene	50.000	61.857	-23.7	107	0.00
71	P	Bromoform	50.000	60.324	-20.6	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	54.962	-9.9	104	0.00
74	T	N-amyl acetate	50.000	57.030	-14.1	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.522	-11.0	105	0.00
76	T	1,2,3-Trichloropropane	50.000	51.889	-3.8	97	0.00
77	T	Bromobenzene	50.000	55.723	-11.4	106	0.00
78	T	n-propylbenzene	50.000	55.291	-10.6	105	0.00
79	T	2-Chlorotoluene	50.000	56.072	-12.1	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.418	-12.8	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.134	-12.3	102	0.00
82	T	4-Chlorotoluene	50.000	55.784	-11.6	106	0.00
83	T	tert-Butylbenzene	50.000	56.438	-12.9	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.236	-16.5	109	0.00
85	T	sec-Butylbenzene	50.000	55.482	-11.0	105	0.00
86	T	p-Isopropyltoluene	50.000	56.671	-13.3	107	0.00
87	T	1,3-Dichlorobenzene	50.000	56.930	-13.9	110	0.00
88	T	1,4-Dichlorobenzene	50.000	55.652	-11.3	108	0.00
89	T	n-Butylbenzene	50.000	56.692	-13.4	108	0.00
90	T	Hexachloroethane	50.000	55.874	-11.7	110	0.00
91	T	1,2-Dichlorobenzene	50.000	57.093	-14.2	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.598	-9.2	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	60.762	-21.5	118	0.00
94	T	Hexachlorobutadiene	50.000	59.794	-19.6	119	0.00
95	T	Naphthalene	50.000	59.768	-19.5	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	61.954	-23.9	118	0.00

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